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Application Catalog

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Cross Reference



Bezares	Chelsea	Muncie	Notes
1000	442X	TG6S	
	381X	N/A	
	420X	N/A	
	410X	N/A	
	431X	N/A	
	442G	N/A	Order with M1 (this transmission requires a metric stud Kit)
	221X	N/A	Chelsea 221 has lower performance than Bezares 1000 Series
	221G	TG6B	Order with M1 (this transmission requires a metric stud Kit) Chelsea 221 has lower performance than Bezares 1000 Series
	440X	N/A	
	660G	SH6B	Order with M1 (this transmission requires a metric stud Kit)
1010	442Z	TG6D	Muncie uses standard case with M65 and U68 input gear
	381Z	N/A	Muncie uses standard case with M65 input gear
	420Z	N/A	Muncie uses standard case with M65 input gear
	410Z	N/A	Muncie uses standard case with M65 input gear
	431Z	N/A	Muncie uses standard case with M65 input gear
	N/A	N/A	Order with M1 (this transmission requires a metric stud Kit)
	221Z	N/A	Muncie uses standard case with M65 input gear. Chelsea 221 has lower performance than Bezares 1000 Series
	420Z	N/A	Muncie uses standard case with M65 input gear
440Z	N/A	Muncie uses standard case with M65 input gear	
1200	N/A	TG6N	Special milled end caps for close tolerance 4X2 application only
	N/A	A16M	Muncie Alpha series (Hydracar) for 4X4 applications Limited pump size
2000	489X	TG8S	
	488X	N/A	
	488G	TG8B	INCLUDES M2 stud Kit (this pto will include required metric stud Kit)
	489G	N/A	INCLUDES M2 stud Kit (this pto will include required metric stud Kit)
2010	488W	N/A	
	489Z	TG8D	Muncie uses standard case with M65 input gear
	488Z	N/A	Muncie uses standard case with M65 input gear
N/A	231X	N/A	
N/A	231G	N/A	
3000	271M	N/A	
3100	277X	CS24	
	277X	CS25	Muncie CS25 has remote mount solenoid
	277X	CS11	Same as CS10 but with remote solenoid
3131	859X	CS10	
	870X	CS10	Muncie CS11 is a 3131 with remote mounted solenoid
3151	877X	CS10	
3190	890	49T	Muncie 49T series extended shaft have multiple versions. Call Bezares for changeover
3200	270G	CS6B	With metric studs
	271G	CS6B	With metric studs
	271X	N/A	
	236X	N/A	
3252	N/A	HS24	Lower profile but higher torque rating
3300	270G	CS6B	With metric studs
	270M	N/A	
	270X	CS6S	With SAE threads
3800	238X	CS8B	
3900	247F	FR67	Fits both 4X2 & 4X4 5R110 transmission

Bezares	Chelsea	Muncie	Notes
3920	249F	FR66	Fits both 4X2 and 4X4 Used on 2013 F650 w.gas engines
4100	680X	SH8S	Bezares 4100 has higher torque and HP than 680X or SH8S
	680X	SH8B	Order with M2 stud Kit (this is metric transmission and requires M2 stud kit). Bezares 4100 has higher torque and HP than 680X or SH8S
4110	680Z	SH8D	Muncie uses standard case with M65 input gear. Bezares 4100 has higher torque and HP than 680X or SH8S
6000	340X	RL6S	Order with M1(THIS TRANSMISSION REQUIRES A METRIC STUD Kit)
	340G	RL6B	
6005	340Z	RL6D	mounts on limited Mack transmissions PLEASE CALL FOR OPTIONS
6800	348X	RL8S	Order with M1(THIS TRANSMISSION REQUIRES A METRIC STUD Kit)
	348G	RL8B	
8000	863X	838S	Order with M2 stud Kit (this is metric transmission and requires M2 stud Kit)
	863G	838B	
8500	880X	828S	Muncie uses standard case with M65 input gear Order with M2 stud Kit (this is metric transmission and requires M2 stud Kit)
	880Z	828S	
	880G	828B	
	823X	N/A	
	823G	N/A	Order with M2 stud Kit (this is metric transmission and requires M2 stud Kit)
6013399	941	SS66	Call Bezares for detailed information

Options

PTO Series	Bezares	Chelsea	Muncie	PTO Series	Bezares	Chelsea	Muncie	PTO Series	Bezares	Chelsea	Muncie
1000	X	X	X	3100	P	X	X	3920	P	P	P
	P	P	P		P	P	B				
	G	GF	G		N/A	GF	G				
	X	X	H		P	P	B				
	X	N/A	Q		W	W	V				
1010	X	X	X	3131	P	P	P	4100	X	X	X
	G	GF	G		W	W	W		P	P	P
1200	X	X	X	3151	P	P	P	4110	X	X	X
2000	X	X	X		P	P	B		6000	X	X
	P	P	P	3190	W	W	V	6005		X	X
	G	GF	G	3200	P	P	P	6800	X	X	X
	X	X	H		N/A	GF	G		G	GF	N/A
	X	N/A	Q		X	X	X	8000	X	X	X
X	N/A	W	W	N/A	N/A	8500	X		X	X	
2010	X	X	X	3252	W		W	W	X	GF	G
	G	GF	G	3300	P	P	P	W	W	W	
3000	P	X	X	3900	P	P	P				
	P	P	P	3800	X	X	X				
	N/A	GF	G								



Gear Ratio

Cross Reference

PTO Series	Bezares	Chelsea	Muncie	PTO Series	Bezares	Chelsea	Muncie	PTO Series	Bezares	Chelsea	Muncie		
1000	N/A	N/A	3	2010	C	L	7	3200	N/A	S	12		
	N/A	A	4		E	Q	9		N/A	N/A	13		
	N/A	C	5		J	R	10		N/A	U	14		
	B	F	6		O	S	12		N/A	N/A	15		
	C	L	7		R	U	14		N/A	N/A	16		
	C	H	N/A		S	N/A	15		N/A	W	17		
	E	Q	9		T	W	17		N/A	N/A	18		
	J	R	10	3000	B	A	3		N/A	X	19		
	N/A	N/A	11		C	B	4		3252	B	N/A	6	
	O	S	12		E	D	5	C		N/A	N/A		
	O	N/A	13	B	B	5	E	N/A		7			
	R	U	14	C	F	6	G	N/A		N/A			
	S	N/A	15	E	G	7	J	N/A		9			
	N/A	N/A	16	3100	J	M	8	M		N/A	N/A		
	T	W	17		Notes: J ratio is 120% Muncie 8 ratio is 115% on RDS 3000			O		N/A	12		
	N/A	N/A	18		G	D	8	3800		N/A	N/A	3	
	N/A	X	19		Notes: G ratio is 112% Muncie 8 ratio is 115% on RDS 3000					Z	N/A	4	
	B	E	N/A		M	N/A	10		A	N/A	5		
	E	P	N/A	O	S	12	B		D	6			
1010	B	F	5	O	T	N/A	C		K	7			
	C	L	7	3131	B	B	N/A		E	N/A	9		
	E	Q	9		C	B	5		J	Q	N/A		
	J	R	10		E	D	7		O	U	12		
	O	S	12		G	D	8		R	N/A	14		
	R	U	14		Notes: G ratio is 108% Muncie 8 ratio is 116% on RDS 3000			S	N/A	15			
	S	N/A	15	J	M	8	T	W	17				
T	W	17	Notes: J ratio is 117% Muncie 8 ratio is 116% on RDS 3000			3900	E	M	6				
1200	C	N/A	7	M	N/A		10	3920	E	M	9		
	E	N/A	8	O	S		12		B	B	6		
	J	N/A	9	3151	G		D		8	C	D	7	
	O	N/A	12		Notes: G ratio is 108% Muncie 8 ratio is 116% on RDS 3000				C	G	8		
	R	N/A	13		J		M		8	E	J	9	
	S	N/A	15		Notes: J ratio is 117% Muncie 8 ratio is 116% on RDS 3000				J	M	10		
T	N/A	18	M		N/A		10		J	P	11		
2000	N/A	N/A	3	O	S		12		4100	O	R	14	
	N/A	A	4	3200	Z	A	4			N/A	T	18	
	A	C	5		Z	N/A	4	O		N/A	13		
	B	F	6		Z	C	4	J		P	12		
	C	L	7		Z	F	4	4110		B	B	6	
	C	H	N/A		A	F	5			C	D	7	
	E	Q	9	B	L	N/A	E			J	9		
	J	R	10	C	H	7	J			M	10		
	N/A	N/A	11	E	Q	9	O			R	11		
	O	S	12	J	R	N/A	6000		N/A	F	5		
	O	S	13	J	R	10			6005	C	F	5	
	R	U	14	N/A	N/A	11				6800	B	F	5
	S	N/A	15	3200	J	R	N/A				8000	B	B
	N/A	N/A	16		Z	A	4	8500	E			G	9
	T	W	17		Z	N/A	4		J	J		10	
	N/A	N/A	18		A	F	5		O	M		12	
	N/A	X	19		B	L	N/A		R	Q		13	
	2010	A	C		5	C	H		7	S		R	15
		B	F		6	E	Q		9	T		T	19

PTO Series	Bezares	Chelsea	Muncie	PTO Series	Bezares	Chelsea	Muncie	PTO Series	Bezares	Chelsea	Muncie
1000	RA	XK	K	2000	RJ	XS	E	3131	ID	AC	2
	RA	RB	D		TP	XR	G		RJ	XS	E
	SE	XD	B		SF	XP	R		N/A	XR	G
	RB	AF	P		N/A	XO	Q	3151	RA	XK	K
	RA (*)	AK	S		RA	XK	K		RA	RB	K
	N/A	XA	J	SE	XD	B	SE		XD	B	
	SF	XE	R	RB	AF	P	RB		AF	P	
	N/A	AZ	N/A	RA (*)	AK	S	RA (*)		AK	S	
	DA	XY	I	2010	SF	XE	R	DA	XY	I	
	IC	XV	C		DA	XY	I	IC	XV	C	
	IB	AB	N/A		IC	XV	C	IB	AB	C	
	ID	AC	2		IB	AB	C	ID	AC	2	
	RJ	XS	E		ID	AC	2	RJ	XS	E	
	TP	XR	G	RJ	XS	E	3190	N/A	XR	G	
	SF	XE	R	TP	XR	G		RA	XK	K	
N/A	XP	Q	RA	XK	K	RA		RB	K		
1010	RA	XK	K	RA	RB	K		RB	AF	P	
	SE	XD	B	SE	XD	B		RK	XS	E	
	RB	AF	P	RB	AF	P	ID	AC	N/A		
	RA (*)	AK	S	RA (*)	AK	S	DA	XY	I		
	SF	XE	R	DA	XY	I	N/A	AZ	N/A		
	DA	XY	I	IC	XV	C	N/A	XV	N/A		
	IC	XV	C	IB	AB	C	N/A	AB	N/A		
	IB	AB	N/A	ID	AC	2	3200	RA	XK	K	
	ID	AC	2	RJ	XS	E		RA	RB	K	
	RJ	XS	E	N/A	XR	G		SE	XD	B	
TP	XR	G	RA	XK	K	RB		AF	P		
1200	RA	XK	K	RA	RB	K		RA (*)	AK	S	
	RA	RB	D	SE	XD	B	SF	XE	R		
	SE	XD	B	RB	AF	P	DA	XY	I		
	SF	XE	R	RA (*)	AK	S	IC	XV	C		
	DA	XY	I	DA	XY	I	IB	AB	C		
	TP	XR	G	IC	XV	C	DA	AC	2		
2000	RA	XK	K	IB	AB	C	RJ	XS	E		
	RA	RB	K	ID	AC	2	N/A	XR	G		
	SE	XD	B	RJ	XS	E	3252	SA	XK	K	
	RB	AF	P	N/A	XR	G		RA	RB	K	
	RA (*)	AK	S	RA	XK	K		SE	XD	B	
	N/A	XA	J	RA	RB	K		RB	AF	P	
	SF	XE	R	SE	XD	B		RA (*)	AK	S	
	SG	AZ	N/A	RB	AF	P	DA	XY	I		
	DA	XY	I	RA (*)	AK	S	IC	XV	C		
	IC	XV	C	DA	XY	I	IB	AB	C		
IB	AB	C	IC	XV	C	ID	AC	2			
ID	AC	2	IB	AB	C	3100	RA	XK	K		
3000	RA	XK	K	RA	RB		K	RA	RB	K	
	SE	XD	B	SE	XD		B	SE	XD	B	
	RB	AF	P	RB	AF		P	RB	AF	P	
	RA (*)	AK	S	RA (*)	AK		S	RA (*)	AK	S	
	DA	XY	I	DA	XY	I	DA	XY	I		
	IC	XV	C	IC	XV	C	IC	XV	C		
	IB	AB	C	IB	AB	C	IB	AB	C		
	ID	AC	2	ID	AC	2	ID	AC	2		
	RJ	XS	E	RJ	XS	E	RJ	XS	E		
	N/A	XR	G	N/A	XR	G	N/A	XR	G		
	3100	RA	XK	K	RA	XK	K	3131	RA	XK	K
		RA	RB	K	RA	RB	K		RA	RB	K
		SE	XD	B	SE	XD	B		SE	XD	B
		RB	AF	P	RB	AF	P		RB	AF	P
		RA (*)	AK	S	RA (*)	AK	S		RA (*)	AK	S
DA		XY	I	DA	XY	I	DA	XY	I		
IC		XV	C	IC	XV	C	IC	XV	C		
IB		AB	C	IB	AB	C	IB	AB	C		
ID		AC	2	ID	AC	2	ID	AC	2		

(* Available with 2/4 Bolt B only the competitors is a 2 Bolt B



Output

Cross Reference

PTO Series	Bezares	Chelsea	Muncie	PTO Series	Bezares	Chelsea	Muncie	PTO Series	Bezares	Chelsea	Muncie
3252	RJ	XS	E	4100	SE	XD	B	4110	DA	XY	I
	N/A	XR	G		RB	AF	P		IC	XV	C
3800	DA	XY	I		RA (*)	AK	S		IB	AB	C
	IB	AB	N/A		N/A	AZ	Z		ID	AC	2
	IC	XV	C		DA	XY	I		RJ	XS	E
	ID	AC	2		IC	XV	C	N/A	XR	G	
	RA	AK	S		IB	AB	C	6000	SE	XD	B
	RB	AF	P		ID	AC	2	6005	SE	XD	B
	SE	XD	B		RJ	XS	E	6800	SE	XD	B
SF	XE	R	N/A		XR	G	8000	IC	XV	C	
3900	SE	XD	B	RA	XK	K		IB	AB	C	
3920	SF	XE	R	RA	XK	K	8500	DA	XY	I	
	3920	SF	XE	R	SE	XD		B	IC	XV	C
4100	RA	XK	K	RB	AF	P		IB	AB	C	
	RA	RB	K	RA	AK	S		RJ	XS	N/A	
				N/A	AZ	Z					

(*) Available with 2/4 Bolt B only the competitors is a 2 Bolt B

Input Gear

PTO Series	Bezares	Chelsea	Muncie	Notes	PTO Series	Bezares	Chelsea	Muncie	Notes	PTO Series	Bezares	Chelsea	Muncie	Notes
1000	01	AH	S68	#01	1000	24	DA	M65		1000	46	HW	S89	
	02	AB	U57			25	DU	F75			47	HX	S80	
	04	AK	U62			26	ET	F65			48	JD	T61	
	05	AR	S60			27	EV	F11			49	JP	N10	
	06	AX	C60			28	JK	F70			50	HY	Z92	
	07	BA	H65			29	JM	F67			51	JU	N/A	
	08	BG	S70			30	BM	C70			52	ED	Z98	
	09	BH	S72			31	BP	N/A			53	FK	N/A	
	10	BJ	G70			32	EQ	N/A			54	FL	N/A	
	11	BQ	G73			33	AP	S61			55	FP	R68	
	12	BR	N/A			34	FN	S71			56	GQ	T82	
	13	BS	C76			N/A	JS	N/A			57	GR	N/A	
	14	DB	F10			36	AW	N60			58	CR	N/A	
	15	DN	C61	#15		37	BK	N72			59	JT	N/A	
	16	EC	Z10			38	BL	N70			61	N/A	N/A	
	17	ES	F63			39	BZ	W80	#39		62	AL	N/A	
	18	EW	F61			40	CB	N81			64	HV	A69	
	19	FB	N80			41	CD	W80	#39		64	HV	A68	
	20	FC	N79			42	JW	F66			01	AJ	U60	
	21	GS	Z99			43	DD	S58			66	JA	F84	
	22	BC	C61	#15		44	EP	W96			67	KU	I84	
	23	DM	C57			45	FF	I85						

PTO Series	Bezares	Chelsea	Muncie	Notes	PTO Series	Bezares	Chelsea	Muncie	Notes	PTO Series	Bezares	Chelsea	Muncie	Notes	
1010	01	AH	U68			42	JW	F66			17	ES	F63		
	24	DA	M65			43	DD	S58			18	EW	F61		
	34	FN	S71			44	EP	W96			19	FB	N80		
1200	69	KH	D94		2000	45	FF	I85		3200	20	FC	N79		
2000	01	AH	S68	#01		46	HW	S89			21	GS	Z99		
	02	AB	U57			47	HX	S80			22	BC	C61	#15	
	04	AK	U62			48	JD	T61			23	DM	C57		
	05	AR	S60			49	JP	N10			24	DA	M65		
	06	AX	C60			50	HY	Z92			25	DU	F75		
	07	BA	H65			51	JU	N/A			26	ET	F65		
	08	BG	S70			52	ED	Z98			27	EV	F11		
	09	BH	S72			53	FK	N/A			28	JK	F70		
	10	BJ	G70			54	FL	N/A			29	JM	F67		
	11	BQ	G73			55	FP	R68			30	BM	C70		
	12	BR	N/A			56	GQ	T82			31	BP	N/A		
	13	BS	C76			57	GR	N/A			32	EQ	N/A		
	14	DB	F10			58	CR	N/A			33	AP	S61		
	15	DN	C61	#15		59	JT	N/A			34	FN	S71		
	16	EC	Z10			61	N/A	N/A			N/A	JS	N/A		
	17	ES	F63			62	AL	N/A			36	AW	N60		
	18	EW	F61			66	JA	F84			28	JK	F70		
	19	FB	N80			2010	01	AH	U68			29	JM	F67	
	20	FC	N79				24	DA	M65				30	BM	C70
21	GS	Z99		3000	60	AJ	U60		31	BP	N/A				
22	BC	C61	#15		63	FJ	A10			32	EQ	N/A			
23	DM	C57		3100	70	KV	C95		33	AP	S61				
24	DA	M65			63	FJ	A10			34	FN	S71			
25	DU	F75		3190	63	FJ	A10		N/A	JS	N/A				
26	ET	F65			3200	01	AH	U68			36	AW	N60		
27	EV	F11		01		AH	X68		37	BK	N72				
28	JK	F70		02		AB	U57		38	BL	N70				
29	JM	F67		04		AK	U62		39	BZ	W80	#39			
30	BM	C70		05		AR	S60		40	CB	N81				
31	BP	N/A		06		AX	C60		41	CD	W80	#39			
32	EQ	N/A		07		BA	H65		42	JW	F66				
33	AP	S61		08		BG	S70		43	DD	S58				
34	FN	S71		09		BH	S72		44	EP	W96				
N/A	JS	N/A		10		BJ	G70		45	FF	I85				
36	AW	N60		11		BQ	G73		46	HW	S89				
37	BK	N72		12		BR	N/A		47	HX	S80				
38	BL	N70		13		BS	C76		48	JD	T61				
39	BZ	W80	#39	14		DB	F10		49	JP	N10				
40	CB	N81		15		DN	C61	#15	50	HY	Z92				
41	CD	W80	#39	16		EC	Z10		51	JU	N/A				

FOOT NOTES: #01: Muncie S68 is 96% of Bezares 01
 #15: FS-3005C /3205C /4005C /4205C; CL-457

#22: FS-5005C /5205C; 397V; CL-557; CL-559C
 #39: T18; T19; T98 #41: T18A /B /C; T19A /D



Input Gear

Cross Reference

PTO Series	Bezares	Chelsea	Muncie	Notes	PTO Series	Bezares	Chelsea	Muncie	Notes	PTO Series	Bezares	Chelsea	Muncie	Notes	
3200	52	ED	Z98		3800	56	GQ	T82		6000	01	AH	U68		
	53	FK	N/A			57	GR	N/A			02	AB	U57		
	54	FL	N/A			58	CR	N/A			17	ES	F63		
	55	FP	R68			59	JT	N/A			42	JW	F66		
	56	GQ	T82			01	AJ	U60			34	FN	S71		
	57	GR	N/A			61	N/A	N/A			51	JU	N/A		
	58	CR	N/A			62	AL	N/A			6005	24	DA	M65	
	59	JT	N/A			64	HV	A69			24	DA	M65		
	01	AJ	U60			64	HV	A68			01	AH	U68		
	61	N/A	N/A			66	JA	F84			02	AB	U57		
	62	AL	N/A			67	KU	I84			17	ES	F63		
	64	HV	A69			3900	65	KS	F15			42	JW	F66	
	64	HV	A68			3920	71	LL	F12			34	FN	S71	
	66	JA	F84			4100	24	DA	M65			51	JU	N/A	
67	KU	I84		4110	01	AH	U68		8000	01	AH	U68			
3252	63	N/A	A10		24	DA	M65		02	AB	U57				
3800	52	ED	Z98		6000	01	AH	U68		24	DA	M65			
	53	FK	N/A			02	AB	U57		8500	01	AH	U68		
	54	FL	N/A			24	DA	M65		24	DA	M65			
	55	FP	R68												

Assembly

PTO Series	Bezares	Chelsea	Muncie	PTO Series	Bezares	Chelsea	Muncie	PTO Series	Bezares	Chelsea	Muncie
1000	1	3	1	3100	1	3	1	4100	N/A	4	2
	2	4	2		N/A	4	2		3	5	3
	3	5	3		3	5	3		N/A	6	4
	4	6	4		N/A	6	4		4110	1	3
1010	1	3	1	3	5	3	N/A	4		2	
	2	4	2	1	3	1	3	5		3	
	3	5	3	3	5	3	N/A	6		4	
	4	6	4	1	3	1	6000	1	3	1	
1200	4	6	4	3	5	3		2	4	2	
	2000	1	3	1	1	3		1	3	5	3
		2	4	2	3200	1		3	1	4	6
		3	5	3		N/A	4	2	6005	1	3
4		6	4	3		5	3	3		5	3
2010	1	3	1	N/A		6	4	1		3	1
	2	4	2	3	5	3	6800	1		3	1
	3	5	3	3	5	3		2	4	2	
	4	6	4	1	3	1		3	5	3	
3000	N/A	3	1	3800	1	3		1	4	6	4
	N/A	4	2	3	5	3	8000	3	5	3	
	3	5	3	3900	4	6		4	2	4	2
	N/A	6	4	3920	3	5		3	8500	1	3
			4100	1	3	1		3		5	3

PTO Series	Bezares	Chelsea	Muncie	Notes	
1000	A	P	A	Includes AK101X (on/off cab control)	
	N	V	P		
	W	W	C		
	L	Y	L		
	M	M	M		
	N	P	E		
	X	X	N/A		
	N/A	B	H		
	N	S	N/A		Order with AK126X (combo cab control w/ kick out)
	N	T	N/A		Order with AK127X (combo cab control w/o kick out)
	N	U	N/A		Order with AK127X (combo cab control w/o kick out)
N	Z	P			
P	P	E			
1010	A	A	A	Includes AK101X (on/off cab control)	
	N	V	P		
	W	W	C		
	L	Y	L		
	M	M	M		
	N	P	E		
1200	A	A	A	Includes AK101X (on/off cab control)	
	N	V	P		
	W	W	C		
	L	Y	L		
2000	A	A	A	Includes AK101X (on/off cab control)	
	N	V	P		
	W	W	C		
	L	Y	L		
	M	M	M		
	N	P	E		
	X	X	N/A		
	N/A	B	H		
	N	S	N/A		Order with AK126X (combo cab control w/ kick out)
	N	T	N/A		Order with AK127X (combo cab control w/o kick out)
	N	U	N/A		Order with AK127X (combo cab control w/o kick out)
P	P	E			
2010	A	A	A	Includes AK101X (on/off cab control)	
	N	V	P		
	W	W	C		
	L	Y	L		
	M	M	M		
	N	P	E		
3000	A	A	A	Includes AK101X (on/off cab control)	
	N	V	P		
	N/A	W	C		
	N/A	Y	L		
N/A	M	M			

PTO Series	Bezares	Chelsea	Muncie	Notes
3000	N	P	E	
	X	X	N/A	
	E	B	H	
	N	S	N/A	Order with AK126X (combo cab control w/ kick out)
	N	T	N/A	Order with AK127X (combo cab control w/o kick out)
	N	U	N/A	Order with AK127X (combo cab control w/o kick out)
	E	B	H	
	F	D	J	Special order 24 Volt coil (standard is 12 Volt)
3100	A	A	A	Includes AK101X (on/off cab control)
	N	V	P	
	N/A	W	C	
	N/A	Y	L	
	N	P	E	
	E	B	H	Muncie h shift on CS10/24/41 series is integral to rear cover
	N	S	N/A	Order with AK126X (combo cab control w/ kick out)
	N	T	N/A	Order with AK127X (combo cab control w/o kick out)
	N	U	N/A	Order with AK127X (combo cab control w/o kick out)
	E	B	H	
F	D	J	Special order 24 Volt coil (standard is 12 Volt)	
3131	E	B	H	
	F	D	J	
3151	M	M	M	
3190		N/A	N/A	
3200	A	A	A	Includes AK101X (on/off cab control)
	N	V	P	
	N/A	W	C	
	N/A	Y	L	
	N/A	M	M	
	N	P	E	
	X	X	N/A	
	E	B	H	Muncie H shift on CS6B has remote solenoid
	N	S	P	Order with AK126X (combo cab control w/ kick out)
	N	T	P	Order with AK127X (combo cab control w/o kick out)
	N	U	P	Order with AK127X (combo cab control w/o kick out)
	E	B	B	Muncie CS6B on aisin 6 speed has remote solenoid for exhaust clearance
E	B	S	Muncie S shift has drop in solenoid clearance issues on aisin automatics	
P	E	P		
3252	E	B	H	
	F	D	J	
3800	A	A	A	Includes AK101X (on/off cab control)
	N	V	P	
	N	P	E	
	N	S	P	Order with AK126X (combo cab control w/ kick out)
	N	T	P	Order with AK127X (combo cab control w/o kick out)
	N	U	P	Order with AK127X (combo cab control w/o kick out)
3900	E	B	H	

Cross Reference

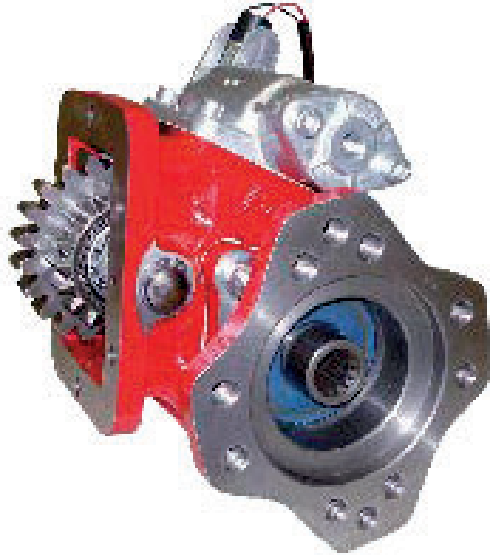
PTO Series	Bezares	Chelsea	Muncie	Notes	
3920	E	B	D		
4100	A	A	A	Includes AK101X (on/off cab control)	
	N	V	P		
	N/A	W	C		
	N/A	Y	L		
	N/A	M	M		
	N/A	P	E		
	N/A	X	N/A		
	N/A	B	H		
	N	S	N/A		Order with AK126X (combo cab control w/ kick out)
	N	T	N/A		Order with AK127X (combo cab control w/o kick out)
N	U	N/A	Order with AK127X (combo cab control w/o kick out)		
4110	A	A	A	Includes AK101X (on/off cab control)	
	N	V	P		
	N	P	E		
6000	A	A	A	Includes AK101X (on/off cab control)	
	N	V	P		
	P	N/A	N/A		
6005	A	A	A	Includes AK101X (on/off cab control)	
	N	V	P		
	P	N/A	N/A		
6800	A	A	A	Includes AK101X (on/off cab control)	
	N	V	P		
	P	N/A	N/A		
8000	A	A	A	Includes AK101X (on/off cab control)	
	N	V	P		
	N	P	E		
	P	N/A	N/A		
8500	A	A	D	Includes AK101X (on/off cab control)	
	N	V	P		
	N	P	E		
	P	P	Q		

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PTO Series	Pag.
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PTO Series

Pneumatic
Neumático



Description Descripción

The 1000 Series PTO has been engineered to work with most of the existing transmissions in the market. It is a very durable PTO with a wide range of input gears, shifters, speed ratios and output shafts to meet all of the market applications.

La serie 1000 ha sido diseñada para funcionar en la mayoría de las transmisiones existentes en el mercado. Se trata de una toma de fuerza muy duradera con una amplia gama de engranajes de mando, accionamientos, relaciones de velocidad y ejes de salida para satisfacer todas las aplicaciones del mercado.

Main Data Datos Principales

Mounting position Lado de montaje	Right, Left Derecho, Izquierdo
Weight Peso (Lb)	32

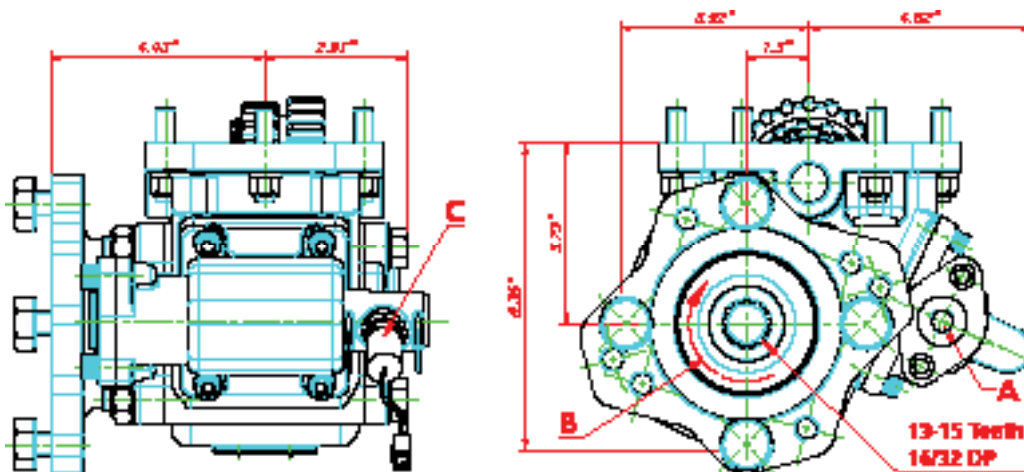
Engine to PTO ratio (See application book)
Relación motor - Toma de Fuerza (Consultar libro de aplicaciones)

INTERNAL RATIO	INTERMITTENT SERVICE			CONTINUOUS SERVICE		
	Torque (Lb. FT)	Power (HP)		Torque (Lb. FT)	Power (HP)	
		At 500 r.p.m.	At. 1000 r.p.m.		At 500 r.p.m.	At. 1000 r.p.m.
55%(B)	250	25	49	178	18	35
73%(C)	250	25	49	178	18	35
86%(E)	225	22	44	160	16	31
95% (J)	225	22	44	160	16	31
125% (O)	200	20	39	142	14	28
137% (R)	200	20	39	142	14	28
150% (S)	190	19	37	135	13	26
165% (T)	175	17	34	124	12	24

SAE Six Hole, Two Gear-Single Speed Lateral 6 tal. 2 Engranajes

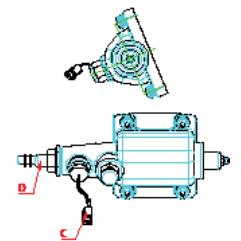
1000
Series

Pneumatic
Neumático

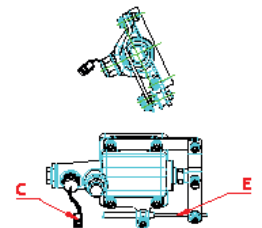


Mechanic Mecánico

Cable Shift
Acc. por cable integrado

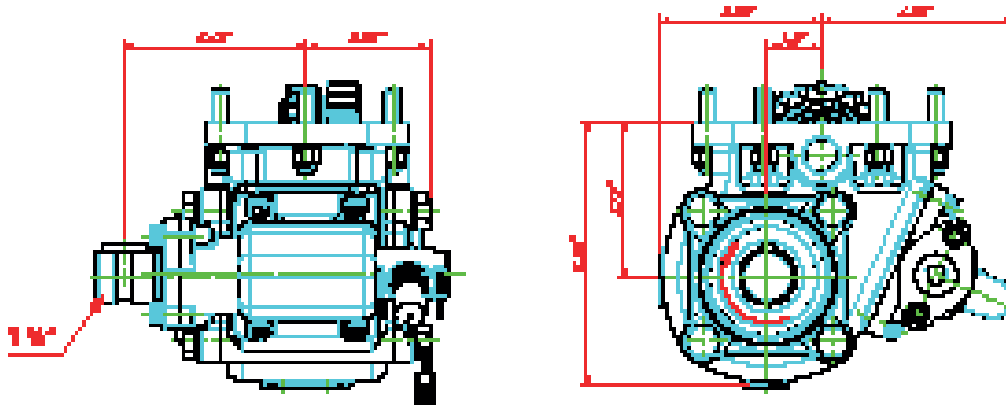


Wire Shift
Acc. por cable exterior

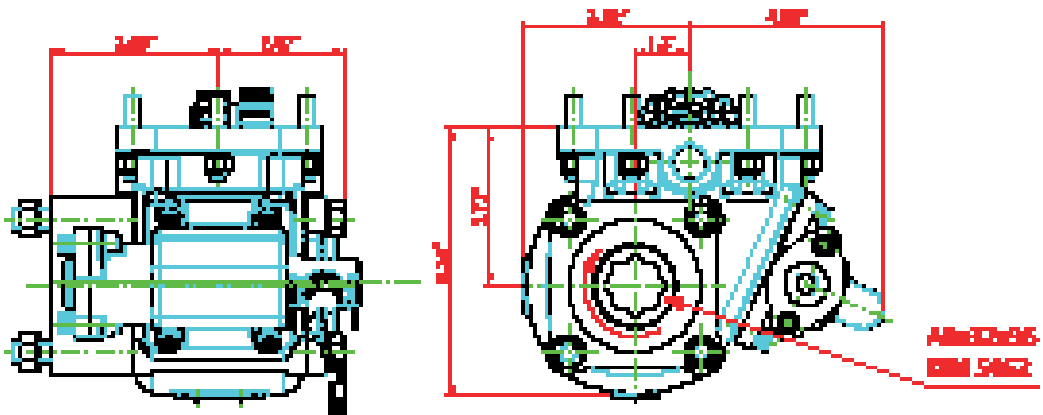


Notes		Notas	
A	Air connection, thread 1/4" BSP	A	Toma de aire, 1/4" GAS
B	Rotation	B	Sentido de giro
C	Indicator switch	C	Indicador de funcionamiento
D	Cable shift	D	Accionamiento por cable integrado
E	Wire shift	E	Accionamiento por cable exterior

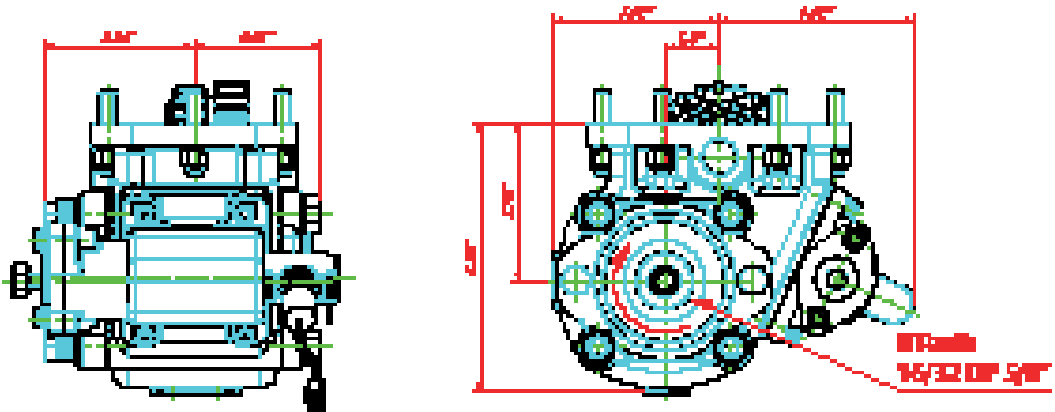
Round shaft Eje chaveteado



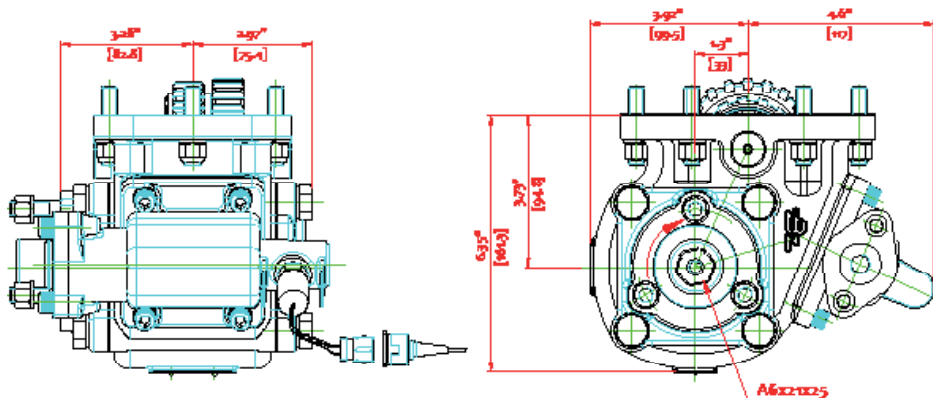
ISO 4 bolt ISO 4 taladros



SAE "A" 2 bolt SAE "A" 2 taladros



UNI 3 bolts 6T UNI 3 aladros 6T



SAE Six Hole, Two Gear-Single Speed Lateral 6 tal. 2 Engranajes

1000 Series

Pneumatic Neumático

Part Number Breakdown Codificación PTO

1000 X J N 01 1 RA

SERIES:

1000 Standard Mounting, 6 bolt
1010 Deep mount, 6 bolt

VERSIONS:

X Standard
G Greaseable Output Shaft
P Oil pressure lube idler Shaft

INTERNAL RATIOS:

1:0.55 (B) → 801034
1:0.73 (C) → 800534
1:0.8 (E) → 800634
1:0.95 (J) → 800734
1:1.25 (O) → 800834
1:1.50 (S) → 801434
1:1.65 (T) → 800934

SHIFTER TYPE:

C Cable	{ 902099 POS 1/4 903599 POS 2/3 }
W Wire with 10' Cable	
F Electric 24V	
M Constant Mesh	{ 902299 POS 1/4 903899 POS 2/3 }
N Air without 101 Air Kit	

INPUT GEAR:

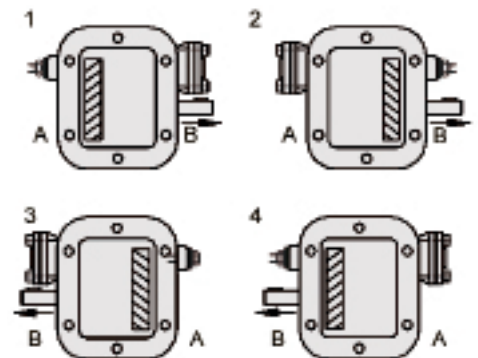
- | | |
|--|---------------------------|
| 01 Fuller series (R/675) | 27 Eaton / Fuller (R/692) |
| 02 Universal (R/683)) | 28 Fuller (R/771) |
| 03 Spicer (R/736) | 30 Eaton / Fuller (R/698) |
| 05 Spicer (R/677) | 33 Spicer (R/697) |
| 06 Fuller (TREMEC) (R/679) | 34 Spicer (R/696) |
| 07 Navistar (R/693) | 36 New Process (R/739) |
| 08 Spicer (R/682) | 39 Warner (R/741) |
| 09 Spicer (R/684) | 41 Warner (R/743) |
| 10 Chevy (R/678) | 42 Fuller (R/770) |
| 11 Chevy / Spicer (R/699) | 50 ZF (R/700) |
| 13 New Process (R/718) | 51 Dodge (R/702) |
| 14 Fuller (R/737) | 52 Zed / F (R/700) |
| 15 Eaton / Fuller FS-4005C/4205C (R/717) | 55 Mack / Renault (R/748) |
| 16 ZF (R/716) | 56 Tremec (R/744) |
| 17 Eaton 6305 A (R/680) | 57 ZF (R/740) |
| 18 Eaton FS 3005 / 4005 AB (R/717) | 61 Ford (R/754) |
| 20 Dodge (R/701) | 64 Allison (R/752) |
| 21 ZF 55-42/5.72 (R/676) | 66 Fuller (R/862) |
| 22 Eaton / Fuller (R/738) | 67 Aisin (R/870) |
| 23 Eaton / Fuller FS-3005 B (R/714) | 68 Tremec (R/897) |
| 24 Mack (R/695) | 70 Mercedes G60 (R/956) |
| 25 Eaton / Fuller FS 7206 A (R/715) | |

OUTPUT TYPE:

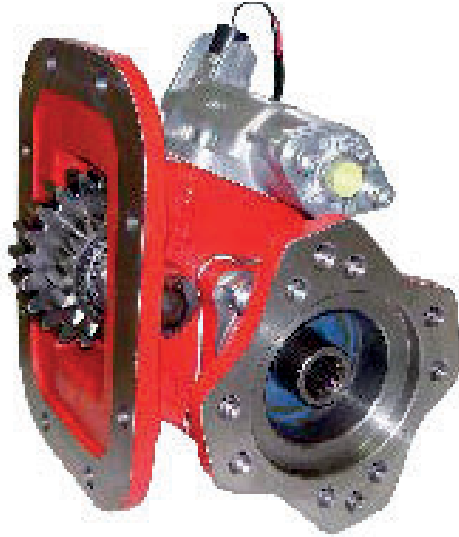
DA ISO 4 bolt
IA Flange SAE 1100
IB Flange SAE 1300
IC Flange SAE 1400
SE SAE Type 1 1/4" round shaft
SF SAE "A" 2 bolt 9T
SH SAE "AA" 2 bolt 11T
RA SAE "B" 2/4 bolt 13T. rotatable
RB SAE "BB" 2/4 bolt 15T. rotatable
TP Tyron pump (Chelsea type)
UN UNI 3 bolts 6T

ASSEMBLY ARRANGEMENTS:

- 1 Right, Forward
- 2 Right, Rear
- 3 Left, Forward
- 4 Left, Rear



Pneumatic
Neumático



Description Descripción

The 2000 Series PTO has been engineered to work with most of the existing transmissions in the market. It is a very durable PTO with a wide range of input gears, shifters, speed ratios and output shafts to meet all of the market applications.

La serie 2000 ha sido diseñada para funcionar en la mayoría de las transmisiones existentes en el mercado. Se trata de una toma de fuerza muy duradera con una amplia gama de engranajes de mando, accionamientos, relaciones de velocidad y ejes de salida para satisfacer todas las aplicaciones del mercado.

Main Data Datos Principales

Mounting position Lado de montaje	Bottom, Right, Left Inferior, Derecho, Izquierdo
Weight Peso (Lb)	34

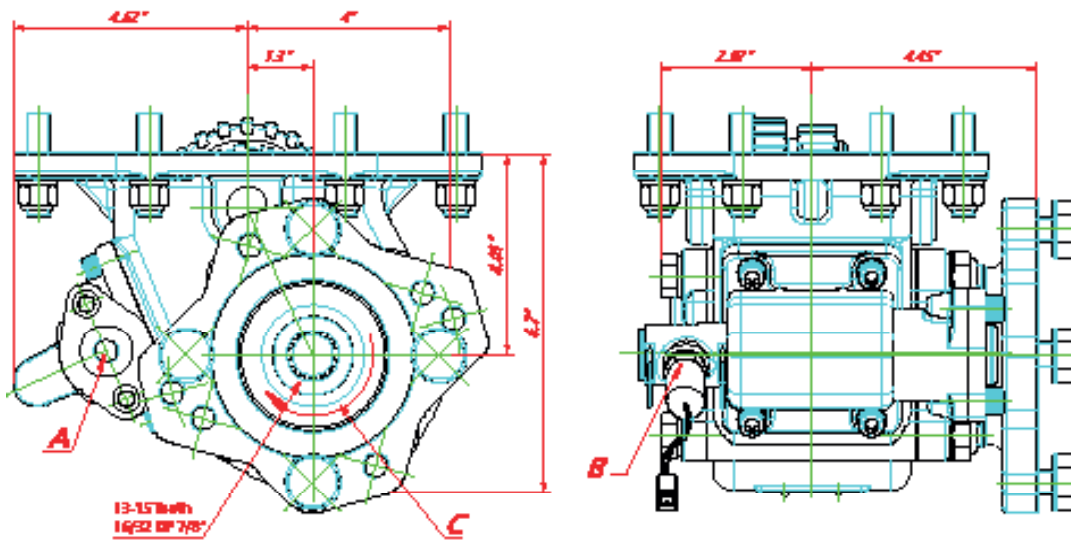
Engine to PTO ratio (See application book)
Relación motor - Toma de Fuerza (Consultar libro de aplicaciones)

INTERNAL RATIO	INTERMITTENT SERVICE			CONTINUOUS SERVICE		
	Torque (Lb. FT)	Power (HP)		Torque (Lb. FT)	Power (HP)	
		At 500 r.p.m.	At. 1000 r.p.m.		At 500 r.p.m.	At. 1000 r.p.m.
55%(B)	250	25	49	178	18	35
73%(C)	250	25	49	178	18	35
86%(E)	225	22	44	160	16	31
95% (J)	225	22	44	160	16	31
125% (O)	200	20	39	142	14	28
137% (R)	200	20	39	142	14	28
150% (S)	190	19	37	135	13	26
165% (T)	175	17	34	124	12	24

SAE Eight Hole, Two Gear-Single Speed Lateral 8 tal. 2 Engranajes

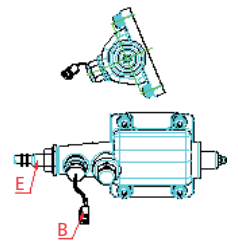
2000
Series

Pneumatic
Neumático

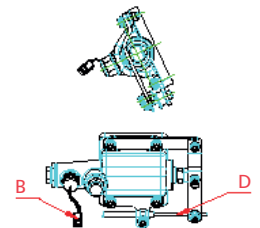


Mechanic Mecánico

Cable Shift
Acc. por cable integrado

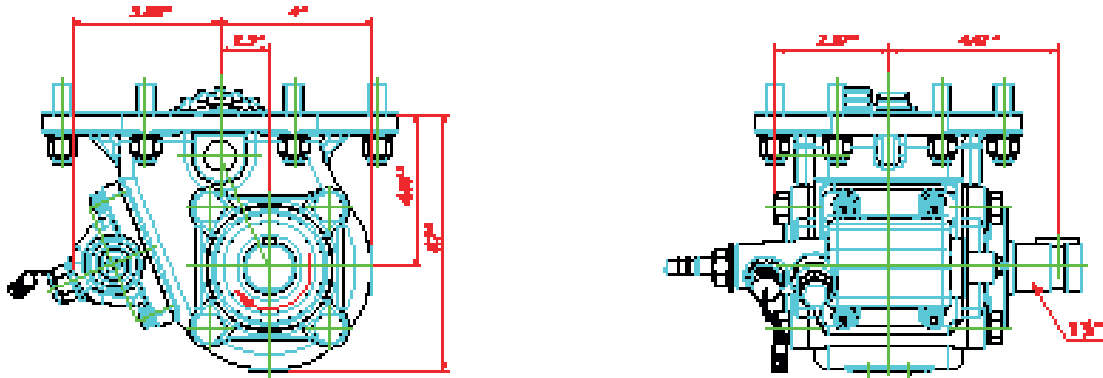


Wire Shift
Acc. por cable exterior

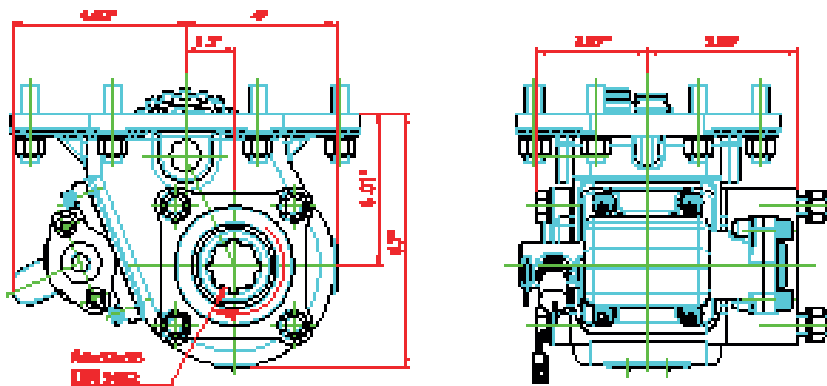


Notes		Notas	
A	Air connection, thread 1/4" BSP	A	Toma de aire, 1/4" GAS
B	Indicator switch	B	Indicador de funcionamiento
C	Rotation	C	Sentido de giro
D	Wire shift	D	Accionamiento por cable exterior
E	Cable shift	E	Accionamiento por cable integrado

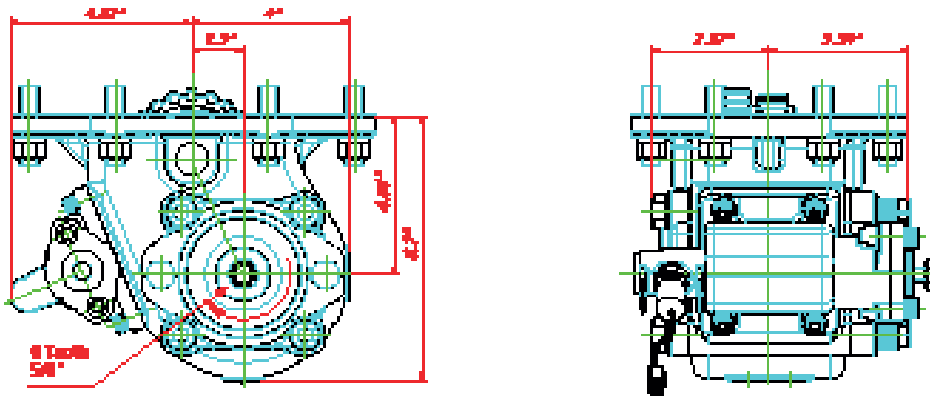
Round shaft Eje chaveteado



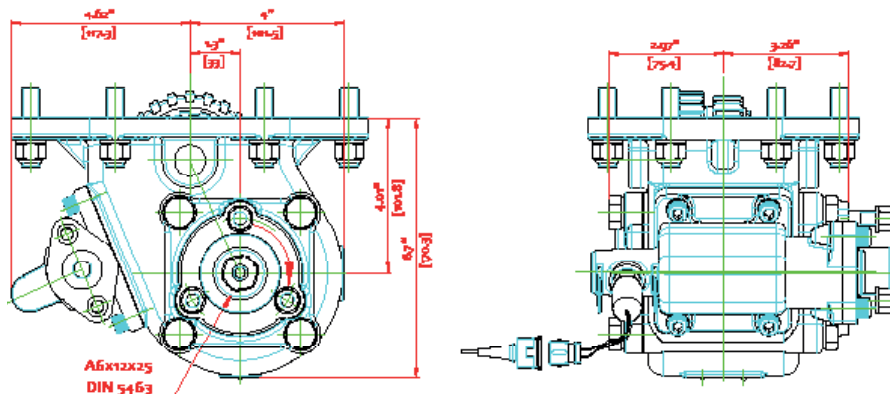
ISO 4 bolt ISO 4 taladros



SAE "A" 2 bolt SAE "A" 2 taladros



UNI 3 bolts 6T UNI 3 taladros 6T



SAE Eight Hole, Two Gear-Single Speed Lateral 8 tal. 2 Engranajes

2000 Series

Pneumatic Neumático

Part Number Breakdown Codificación PTO

2000 X J N 01 1 RA

SERIES:

2000 Standard Mounting, 8 bolt
2010 Deep Mounting, 8 bolt

VERSIONS:

X Standard
G Greaseable Output Shaft
P Oil pressure lube idler Shaft

INTERNAL RATIOS:

1:0.55 (B) → 801034-01
1:0.73 (C) → 800534
1:0.8 (E) → 800634
1:0.95 (J) → 800734
1:1.25 (O) → 800834
1:1.50 (S) → 801434
1:1.65 (T) → 800934

SHIFTER TYPE:

C Cable	{ 902099 POS 1/4 903599 POS 2/3 }
W Wire with 10' Cable	
F Electric 24V	
M Constant Mesh	{ 902299 POS 1/4 903899 POS 2/3 }
N Air without 101 Air Kit	

INPUT GEAR:

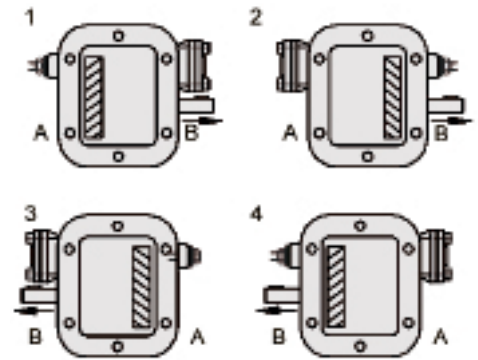
01 Fuller series (R/675)	27 Eaton / Fuller (R/692)
02 Universal (R/683))	28 Fuller (R/771)
03 Spicer (R/736)	30 Eaton / Fuller (R/698)
05 Spicer (R/677)	33 Spicer (R/697)
06 Fuller (TREMEC) (R/679)	34 Spicer (R/696)
07 Navistar (R/693)	36 New Process (R/739)
08 Spicer (R/682)	39 Warner (R/741)
09 Spicer (R/684)	41 Warner (R/743)
10 Chevy (R/678)	42 Fuller (R/770)
11 Chevy / Spicer (R/699)	50 ZF (R/700)
13 New Process (R/718)	51 Dodge (R/702)
14 Fuller (R/737)	52 Zed / F (R/700)
15 Eaton / Fuller FS-4005C/4205C (R/717)	55 Mack / Renault (R/748)
16 ZF (R/716)	56 Tremec (R/744)
17 Eaton 6305 A (R/680)	57 ZF (R/740)
18 Eaton FS 3005 / 4005 AB (R/717)	61 Ford (R/754)
20 Dodge (R/701)	64 Allison (R/752)
21 ZF 55-42/5.72 (R/676)	66 Fuller (R/862)
22 Eaton / Fuller (R/738)	67 Aisin (R/870)
23 Eaton / Fuller FS-3005 B (R/714)	68 Tremec (R/897)
24 Mack (R/695)	70 Mercedes G60 (R/956)
25 Eaton / Fuller FS 7206 A (R/715)	75 Endurant (G/210)

OUTPUT TYPE:

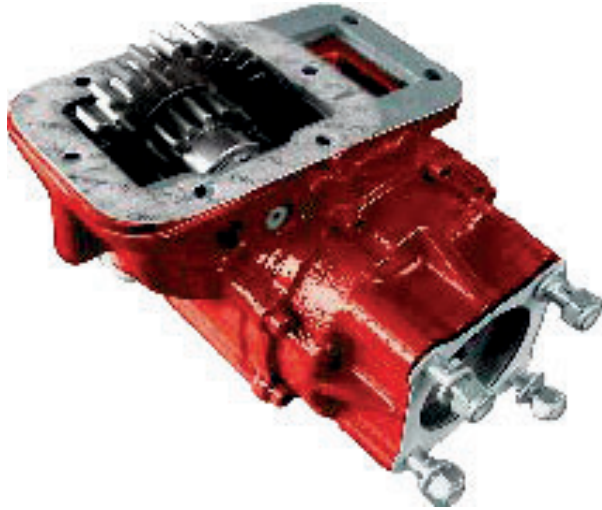
DA ISO 4 bolt
IA Flange SAE 1100
IB Flange SAE 1300
IC Flange SAE 1400
SE SAE Type 1 1/4" round shaft
SF SAE "A" 2 bolt 9T
SH SAE "AA" 2 bolt 11T
RA SAE "B" 2/4 bolt 13T. rotatable
RB SAE "BB" 2/4 bolt 15T. rotatable
TP Tyron pump (Chelsea type)
UN UNI 3 bolts 6T

ASSEMBLY ARRANGEMENTS:

- 1 Right, Forward
- 2 Right, Rear
- 3 Left, Forward
- 4 Left, Rear



Side Mount Pneumatic / Hydraulic
Lateral Neumático / Hidráulico



Description Descripción

Hot Shift Power Take-off, 2 gears. Pneumatic and Hydraulic shifting. Mounting on both sides of the Transmission. Low profile housing, easy to change from pneumatic to hydraulic changing only the connection end cover.

Toma de fuerza 2 piñones con embrague incorporado. Accionamiento neumático e hidráulico. Montaje sobre ambos lados de la caja de cambios. Diferentes relaciones de transmisión. Carcasa de perfil bajo.

Main Data Datos Principales

Mounting position Lado de montaje	Right, Left Derecho, Izquierdo
Weight Peso (Lb)	55

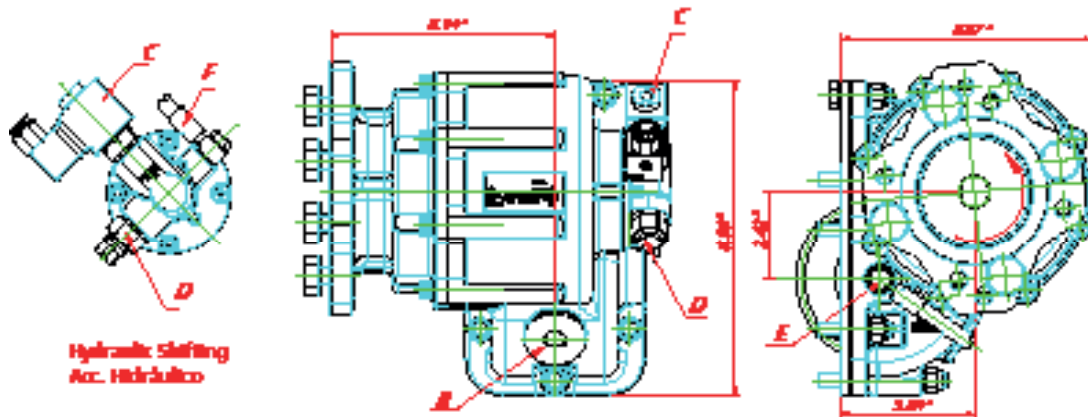
Engine to PTO ratio (See application book)
Relación motor - Toma de Fuerza (Consultar libro de aplicaciones)

INTERNAL RATIO	INTERMITTENT SERVICE			CONTINUOUS SERVICE		
	Torque (Lb. FT)	Power (HP)		Torque (Lb. FT)	Power (HP)	
		At 500 r.p.m.	At. 1000 r.p.m.		At 500 r.p.m.	At. 1000 r.p.m.
33%(B)	310	30	59	230	22	44
42%(C)	310	30	59	230	22	44
50%(E)	280	26	53	210	20	40

Side Mount Pneumatic / Hydraulic
Lateral Neumático / Hidráulico

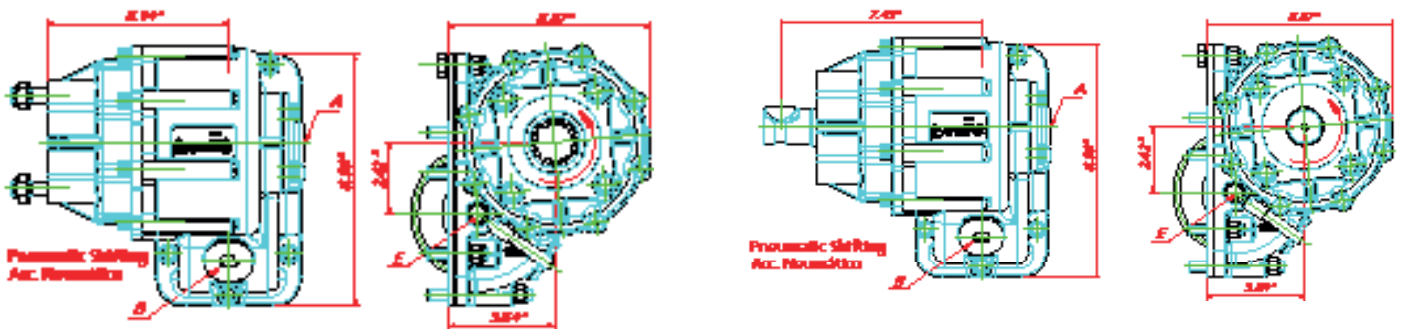
Most standard output types Tipos de salida más utilizadas

SAE "B"



ISO 4 bolt ISO 4 taladros

Round shaft Eje chaveteado



Notas Notes

A	Engage PTO, thread 1/4" BSP	A	Conexión PTO, rosca 1/4" GAS
B	Backlash check plug	B	Comprobación juego de engranajes
C	Solenoid standard 12V / Optional 24V .	C	Solenoide estándar 12V / Opcional 24V.
D	Pressure switch.	D	Presostato
E	Lubrication hose P/N 9018399.	E	Latiguillo lubricación 9018399.
F	Shifting hose (P/N. 9019499) (only for hydraulic version).	F	Latiguillo accionamiento (9019499) (solo versión hidráulica)

Side Mount Pneumatic / Hydraulic
Lateral Neumático / Hidráulico

Part Number Breakdown Codificación PTO

3000 P B N 60 3 RA

SERIES:

3000 Allison 6 bolts

VERSIONS:

P Pressure lube

INTERNAL RATIOS:

B (34%)
C (42%)
E (50%)

SHIFTER TYPE:

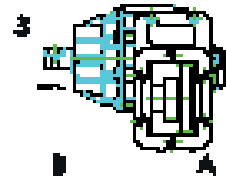
N Air without 101 air Kit
E Electric 12V. over Hydraulic
F Electric 24V. over Hydraulic

OUTPUT TYPE:

DA ISO 4 bolt
RA SAE "B" 2/4 bolt 13T. rotatable
RJ SAE C. 4 bolt
SE SAE type 1 1/4" round shaft

ASSEMBLY ARRANGEMENT:

3 Left, Forward



INPUT GEAR:

60 Allison 2300 / 3000 series

Side Mount Pneumatic / Hydraulic Lateral Neumático / Hidráulico

Description Descripción



Left Side
 Lado Izquierdo



Right Side
 Lado Derecho

Hot Shift Power Take-off 2 gears. Pneumatic and Hydraulic shifting. Mounting on both sides of Gearbox. Easy to change from Pneumatic to Hydraulic. Different internal ratios. On HD series (heavy duty) is advisable to use only hydraulic shifting.

Toma de fuerza 2 piñones con embrague incorporado. Accionamiento neumático e hidráulico. Montaje sobre ambos lados de la caja de cambios. Diferentes relaciones de transmisión. En serie HD (Heavy duty) usar solamente accionamiento hidráulico.

Main Data		Datos Principales	
Mounting position	Lado de montaje	Right, Left	Derecho, Izquierdo
Weight	Peso (Lb)	55	

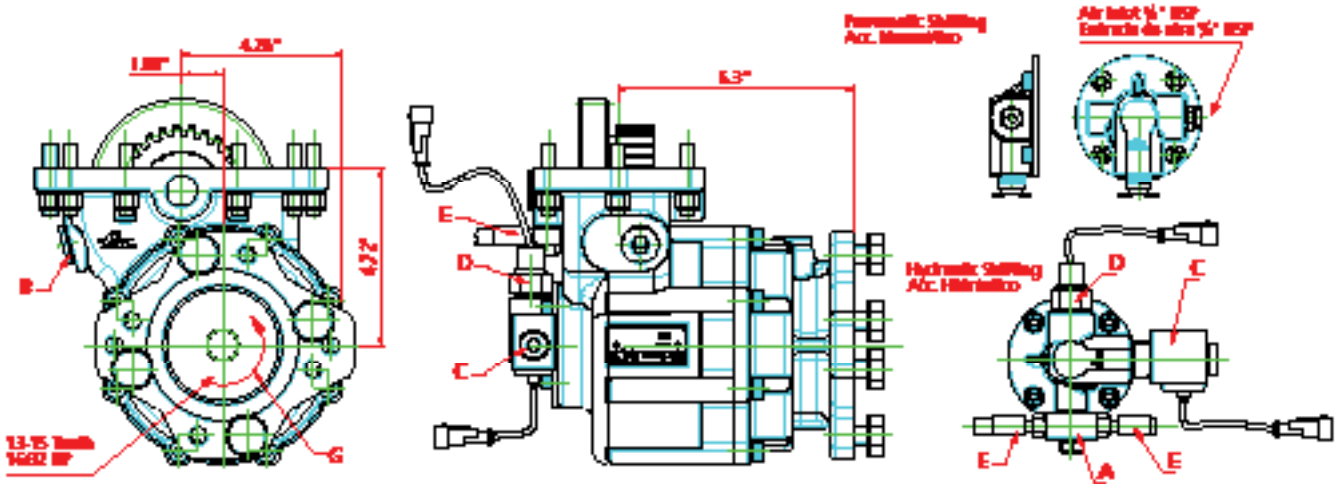
Engine to PTO ratio (See application book) Relación motor - Toma de Fuerza (Consultar libro de aplicaciones)

INTERNAL RATIO	INTERMITTENT SERVICE				CONTINUOUS SERVICE		
	Torque (Lb. FT)	Power (HP)		Torque (Lb. FT)	Power (HP)		
		At 500 r.p.m.	At. 1000 r.p.m.		At 500 r.p.m.	At. 1000 r.p.m.	
52%(B)	400	38	76	320	30	61	
60%(C)	375	36	71	300	29	57	
68%(E)	350	33	66	280	27	53	
81% (G)	330	31	62	264	25	50	
86% (J)	320	30	60	255	24	48	
97% (M)	305	29	58	244	23	46	
118% (O)	290	28	55	230	22	44	

Side Mount Pneumatic / Hydraulic Lateral Neumático / Hidráulico

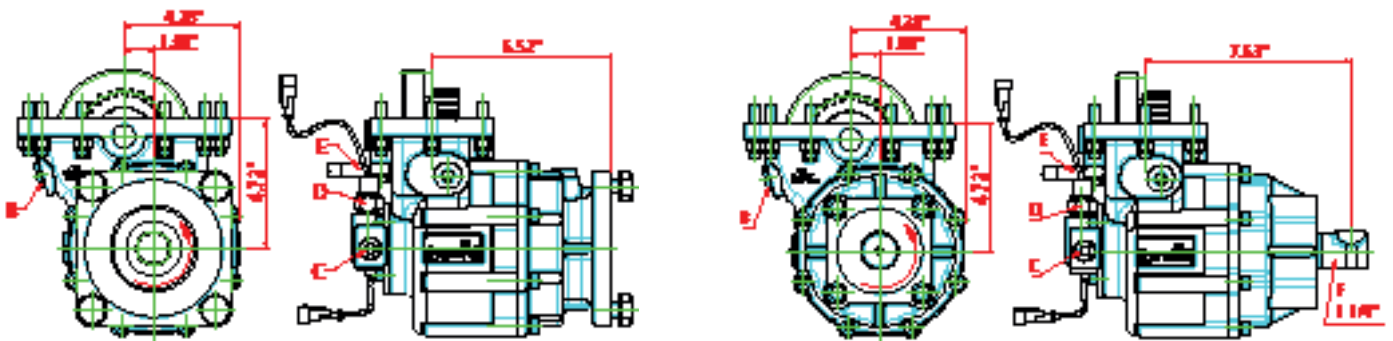
Most standard output types Tipos de salida más utilizadas

SAE "B" 2/4 bolt SAE "B" 2/4 taladros



SAE "C" 4 bolt SAE "C" 4 taladros

Round shaft Eje chaveteado



Notas Notes

A	"T" Connection for Lubrication Pipe	A	Conexión en "T", para latiguillo de lubricación
B	Backlash check plug	B	Comprobación juego de engranajes
C	Solenoid 12V (24V Optional)	C	Solenoide 12V (24V Optional)
D	Pressure switch	D	Presostato
E	Lubrication and engagement hose	E	Latiguillo lubricación y accionamiento
F	Round Shaft 1 1/4"	F	Eje 1 1/4"

Pneumatic
 Neumático

Part Number Breakdown Codificación PTO

3100 P B E 63 3 RA #

SERIES:

3100 Allison 10 bolts

VERSIONS:

P Pressure lube

INTERNAL RATIOS:

52% (B)	→	803634
60% (C)	→	803734
68% (E)	→	803834
81% (G)	→	803934
86% (J)	→	804034
97% (M)	→	804134
118% (O)	→	804234

SHIFTER TYPE:

N Air
 E Electric 12V. over Hydraulic
 F Electric 24V. over Hydraulic

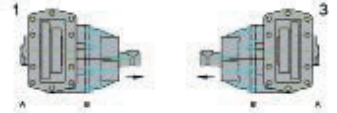
With cabin control Kit

OUTPUT TYPE:

- DA ISO 4 bolt
- FA Flange SAE 1100
- IB Flange SAE 1300
- IC Flange SAE 1400
- ID Flange DIN 100
- RA SAE "B" 2/4 bolt 13T. rotatable
- RJ SAE C. 4 bolt
- SE SAE type 1 1/4" round shaft

ASSEMBLY ARRANGEMENTS:

- 1 Right, Forward
- 3 Left, Forward



INPUT GEAR:

63 Allison 3100 / 3250 series

Description Descripción



Hot Shift Power Take-off, 2 gears, Hydraulic shifting and internal lubrication. Mounting on both sides of the Gearbox. Wide range of internal ratios and most standard output flanges: SAE B, BB, C or ISO 4 bolts.

Toma de fuerza de 2 piñones, con embrague incorporado, accionamiento hidráulico y lubricación interna. Montaje sobre ambos lados de la caja de cambios. Amplia gama de relaciones internas. Disponible con tipos de salida: SAE B, BB, C o ISO 4 taladros.

Main Data Datos Principales

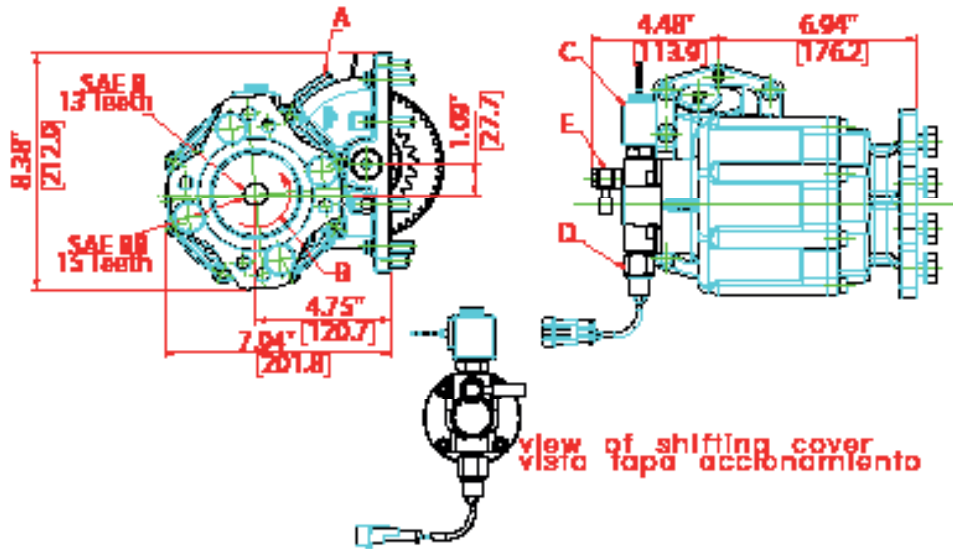
Mounting position Lado de montaje	Right, Left Derecho, Izquierdo
Weight Peso (Lb)	60

Engine to PTO ratio (See application book)
Relación motor - Toma de Fuerza (Consultar libro de aplicaciones)

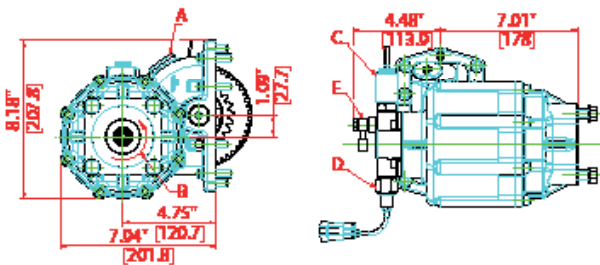
INTERNAL RATIO	INTERMITTENT SERVICE			CONTINUOUS SERVICE		
	Torque (Lb. FT)	Power (HP)		Torque (Lb. FT)	Power (HP)	
		At 500 r.p.m.	At. 1000 r.p.m.		At 500 r.p.m.	At. 1000 r.p.m.
50%(B)	500	48	97	400	39	78
58%(C)	500	48	97	400	39	78
68%(E)	450	44	88	360	35	70
78% (G)	420	40	80	340	33	65
84% (J)	400	38	76	320	30	60
97% (M)	380	36	72	300	28	56
119% (O)	350	33	66	280	26	52

Most standard output types Tipos de salida más utilizadas

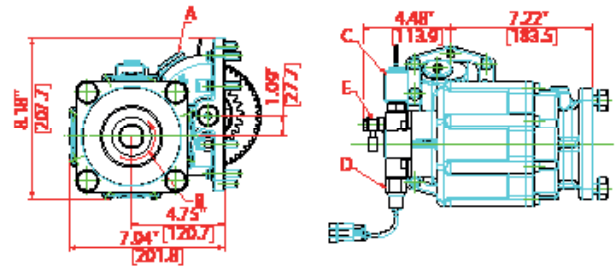
SAE "B" 2/4 bolt SAE "B" 2/4 taladros



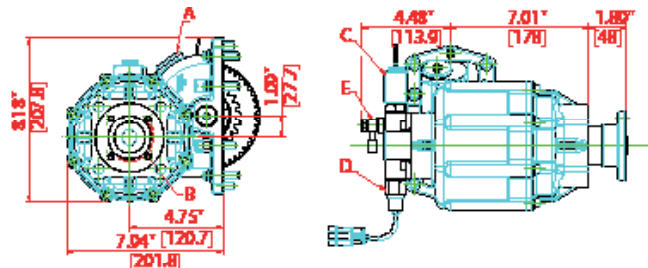
ISO 4 bolt ISO 4 taladros



SAE "C" 4 bolt SAE "C" 4 taladros



Drive flange Plato de transmisión



Notas		Notes	
A	Backlash check plug	A	Comprobación juego de engranajes
B	Rotation	B	Sentido de giro
C	Solenoid 12V DC (24V DC Optional)	C	Solenoid 12V (24V DC Opcional)
D	Pressure switch	D	Presostato
E	Shifting hose	E	Latiguillo accionamiento

Side Mount Pneumatic / Hydraulic
Lateral Neumático / Hidráulico

Part Number Breakdown Codificación PTO

3131 P B E 63 3 RA

SERIES:

3131 Allison 8 bolts

VERSIONS:

P Greasable Idler shaft

INTERNAL RATIOS:

- (B) 34%
- (C) 58%
- (E) 68%
- (G) 78%
- (J) 84%
- (M) 97%
- (O) 119%

SHIFTER TYPE:

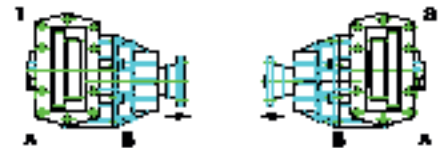
- E Electric 12V. over Hydraulic
- F Electric 24V. over Hydraulic

OUTPUT TYPE:

- RA SAE "B" 2/4 bolt 13T. rotatable
- RB SAE "BB" 2/4 bolt 15T. rotatable
- RJ SAE "C" 4 bolt 14T
- DA ISO 4 bolt
- IB Flange SAE 1310
- IC Flange SAE 1410

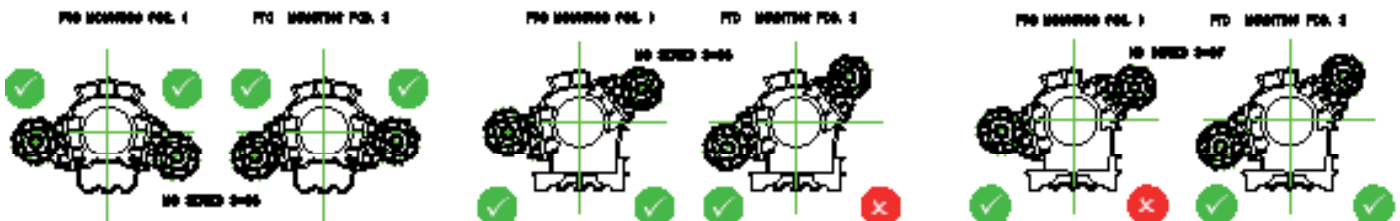
ASSEMBLY ARRANGEMENTS:

- 1 Right, Forward
- 3 Left, Forward



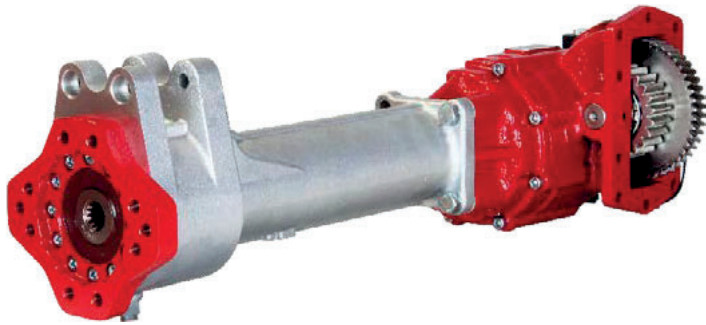
INPUT GEAR:

63 Allison 2300 / 3000 series



Rear Pump
 Bomba Posterior

Description Descripción



Hot Shift Power Take-off, 2 gears, with prolonged shaft for rear pump. Hydraulic shifting and internal lubrication. Mounting on both sides of Gearbox. Wide range of internal ratios.

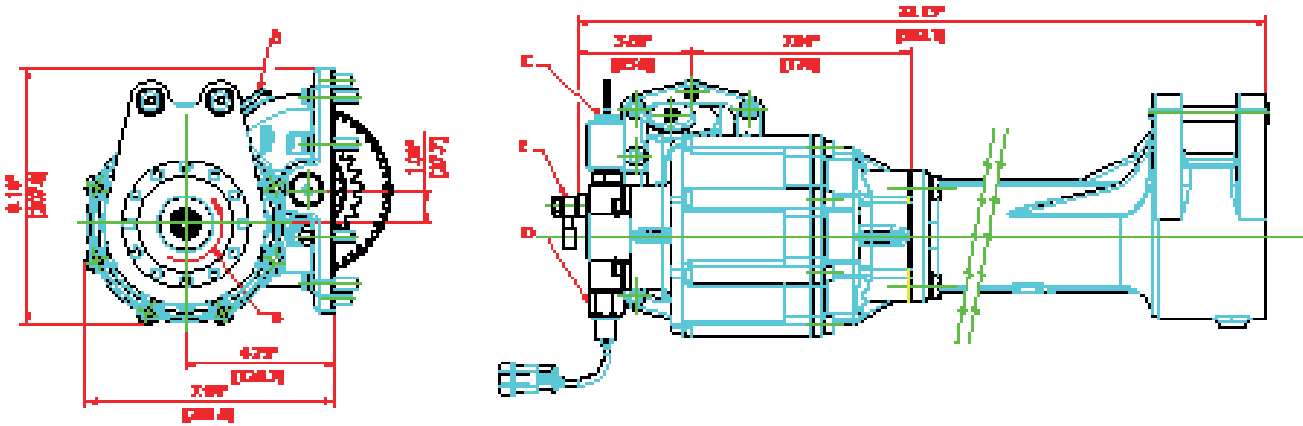
Toma de fuerza de 2 piñones, con embrague incorporado y eje prolongado para montaje posterior de bomba. Accionamiento hidráulico y lubricación interna. Montaje sobre ambos lados de la caja de cambios. Amplia gama de relaciones internas.

Main Data		Datos Principales	
Mounting position	Lado de montaje	Left / Right / Top	Derecho / Izquierdo / Superior
Weight	Peso (Lb)	63Lb (29 kg)	

Engine to PTO ratio (See application book)						
Relación motor - Toma de Fuerza (Consultar libro de aplicaciones)						
INTERNAL RATIO	INTERMITTENT SERVICE			CONTINUOUS SERVICE		
	Torque (Lb. FT)	Power (HP)		Torque (Lb. FT)	Power (HP)	
		At 500 r.p.m.	At. 1000 r.p.m.		At 500 r.p.m.	At. 1000 r.p.m.
50%(B)	500	48	97	400	39	78
58%(C)	500	48	97	400	39	78
68%(E)	450	44	88	360	35	70
78% (G)	420	40	80	340	33	65
84% (J)	400	38	76	320	30	60
97% (M)	380	36	72	300	28	56
119% (O)	350	33	66	280	26	52

Rear Pump
Bomba Posterior

Main Dimensions Dimensiones principales



Notes Notas

A	Backlash check plug	A	Tapón comprobación juego engranajes
B	Pump Rotation.	B	Sentido de giro
C	Solenoid 24V DC (12V DC optional)	C	Solenoid 24V DC (12V DC optional)
D	Pressure switch	D	Presostato
E	Shifting hose	E	Latiguillo accionamiento

Part Number Breakdown Codificación PTO

3131 P B E 63 3 RP

SERIES:

3131 Allison 10 bolts

VERSIONS:

P Greaseable Idler shaft

INTERNAL RATIOS:

50% (B) 68% (E) 84% (J) 119% (O)
58% (C) 78% (G) 97% (M)

SHIFTER TYPE:

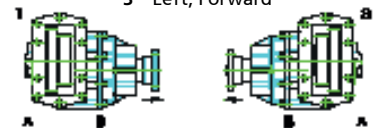
E Electric 12V. over hydraulic
F Electric 24V. over hydraulic

OUTPUT TYPE:

RP Rear Pump

ASSEMBLY ARRANGEMENTS:

1 Right, Forward
3 Left, Forward



INPUT GEAR:

63 Allison

NOTE: rear pump adapter and bracket must be ordered separately.

NOTA: el adaptador a bomba posterior y el soporte correspondiente se piden por separado

Rear Pump Adapters
 Adaptadores Bomba Posterior

Description Descripción



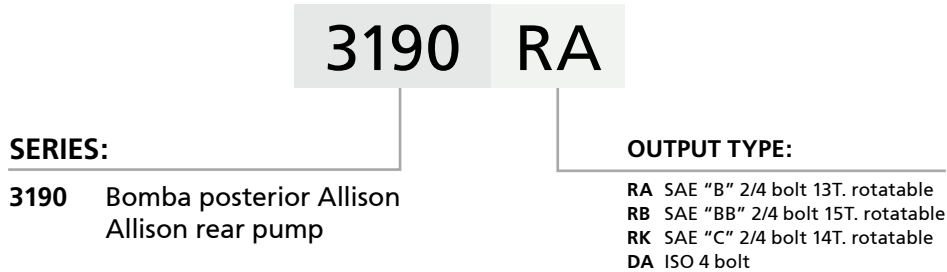
Prolongued Shaft adapter permits mounting heavy pumps the rear adapter flange. Mounting on both sides of Gearbox. Rotatable flange for a better mounting position of the pump. Outputs available : SAE B, SAE BB, SAE C or ISO 4 bolts. Must be fitted with 3131 PTO special RP output.

Adaptador de eje prolongado, permite montar bombas pesadas sobre su brida posterior. Montaje a ambos lados de la caja de cambios. Su brida rotativa permite una posición mejor de montaje para la bomba. Disponible con salida: SAE B, SAE BB, SAE C o ISO 4. Debe montarse junto con la toma de fuerza 3131 de salida especial RP.

Main Data		Datos Principales	
Mounting position	Lado de montaje	Left / Right / Top	Derecho / Izquierdo / Superior
Weight	Peso (Lb)	28Lb (13 kg)	

Consult Torque and Power data in 3131 Rear Pump Technical Data Sheet
 Consulte datos de Par y Potencia en la Ficha Técnica de 3131 bomba posterior

Part Number Breakdown Codificación



Rear Pump Adapters
Adaptadores Bomba Posterior

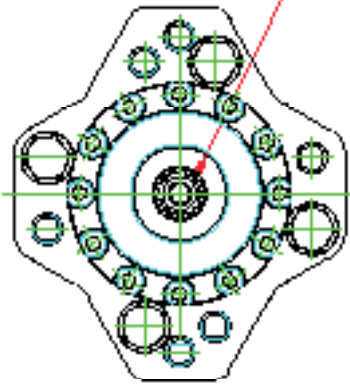
Most standard output types Tipos de salida más utilizadas

SAE "B" or / o "BB"
2/4 bolts / taladros

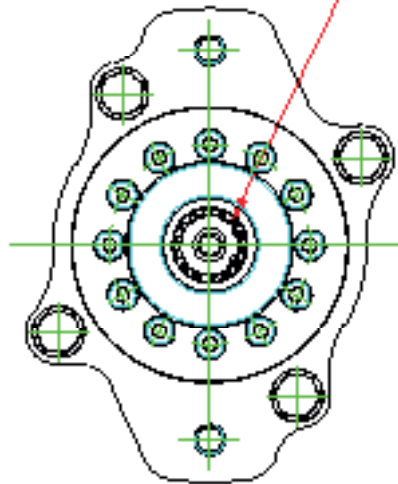
SAE "C" 2/4 bolts / taladros
+ PTO

ISO 4 bolts / taladros
+ PTO

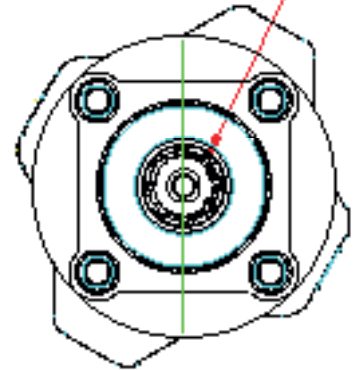
SAE B - 13 Teeth
SAE BB - 15 Teeth



SAE C - 14 Teeth



DIN 5462 - A8x32x36



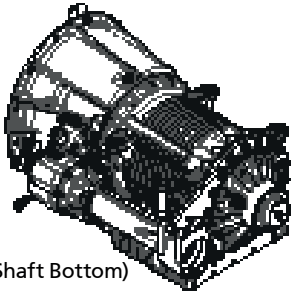
Allison Gearbox Caja Allison	Mounting side & availability Lado de montaje y disponibilidad					
	Left	Izquierdo*	Right	Derecho*	Top Right	Superior Derecho*
	Up shaft Eje arriba	Bottom shaft Eje abajo	Up shaft Eje arriba	Bottom shaft Eje abajo	Up shaft Eje arriba	Bottom shaft Eje abajo
3000 (MH /RDS /TRV)	9076899	9070799	9076999	9075899	N/A	N/A
3000 (MH /RDS /TRV) + cooler	✗	✗	9076999	✗	N/A	N/A
3000 (MH /RDS /TRV) + retarder	✗	9076399	✗	✗	N/A	N/A
MD-3050P, MD-5550P, MD-3060P, MD-3560P, MD-3070P	✗	9070799	✗	9075899	N/A	N/A
MD-3050P, MD-5550P, MD-3060P, MD-3560P, MD-3070P + cooler/retarder	✗	✗	✗	✗	N/A	N/A
MD-3066P	✗	9070799	✗	9075899	✗	✗
MD-3066P + cooler / retarder	✗	✗	N/A	N/A	✗	✗
MD-3000 EVS, MD-3500 EVS	✗	9070799	N/A	N/A	✗	✗
MD-3000 EVS, MD-3500 EVS + cooler / retarder	✗	9070799	N/A	N/A	✗	9075899
4000 (EVS /MH /RDS /TRV) 4500 (EVS /RDS)	✗	9071399	N/A	N/A	✗	9075999
4000 (EVS /MH /RDS /TRV) 4500 (EVS /RDS) + retarder	9076699	✗	N/A	N/A	✗	9076599
4000 (EVS /MH /RDS /TRV), 4500 (EVS /RDS) + cooler	9085799	✗	N/A	N/A	✗	✗

(*) Bracket is not included, please order separately. Soporte no incluido, solicítelo por separado.

Rear Pump Brackets Kits
Adaptadores Bomba Posterior

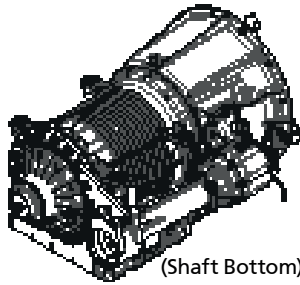
Allison 3000 series

3000 (MH /RDS /TRV) P/N. 9070799



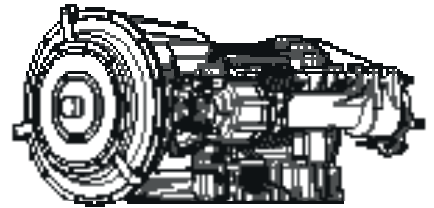
(Shaft Bottom)

3000 (MH /RDS /TRV) P/N. 9075899



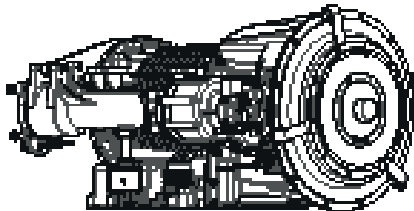
(Shaft Bottom)

3000 (MH /RDS /TRV) P/N. 9076899



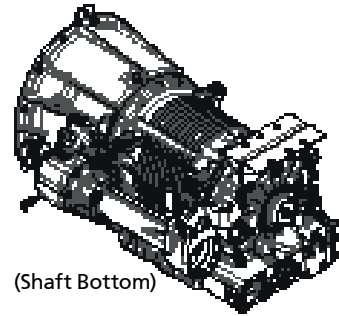
(Shaft Up)

3000 (MH /RDS /TRV) P/N. 9076999



(Shaft Up)

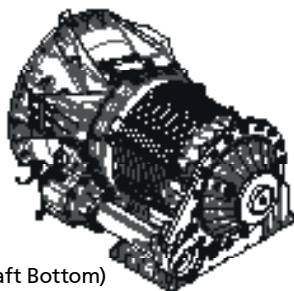
3000 (MH /RDS /TRV) + Retarder P/N. 9076399



(Shaft Bottom)

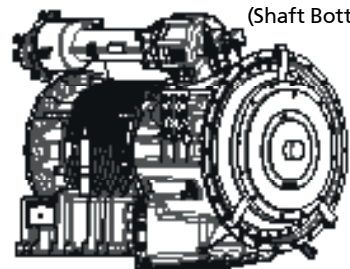
Allison 4000 series

4000 (EVS /MH /RDS /TRV) 4500 (EVS /RDS) P/N. 9071399



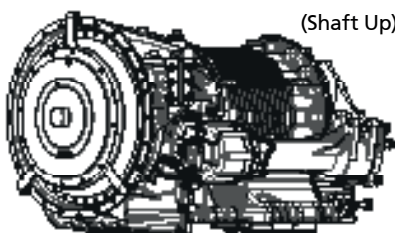
(Shaft Bottom)

4000 (EVS /MH /RDS /TRV) 4500 (EVS /RDS) P/N. 9075999



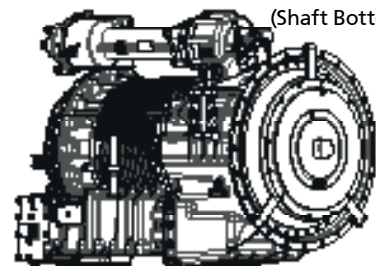
(Shaft Bottom)

4000 (EVS /MH /RDS /TRV) 4500 (EVS /RDS) + Retarder P/N. 9076699



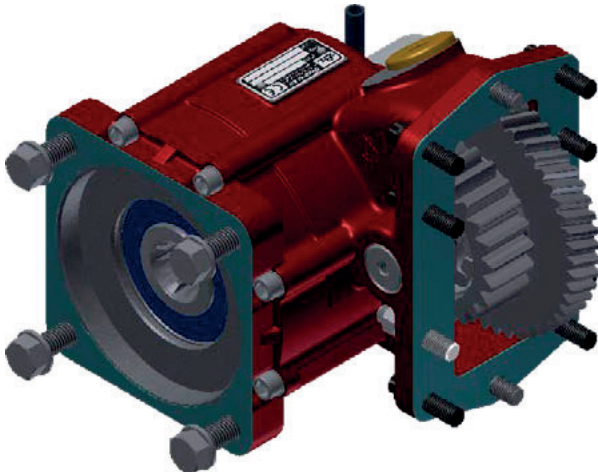
(Shaft Up)

4000 (EVS /MH /RDS /TRV) 4500 (EVS /RDS) + Retarder P/N. 9076599



(Shaft Bottom)

Constant Mesh, Heavy Duty
Toma Constante, Reforzado



Description Descripción

Constant Mesh Power Take-off, 2 gears, internal lubrication. Mounting on both sides of the Transmission. Wide range of internal ratios and standard outputs: SAE C, ISO 4 bolts, and drive flange.

Toma de fuerza de 2 piñones, en toma constante, lubricación interna. Montaje sobre ambos lados de la caja de cambios. Amplia gama de relaciones internas. Disponible con tipos de salida: SAE C, ISO 4 taladros o plato de transmisión.

Main Data Datos Principales

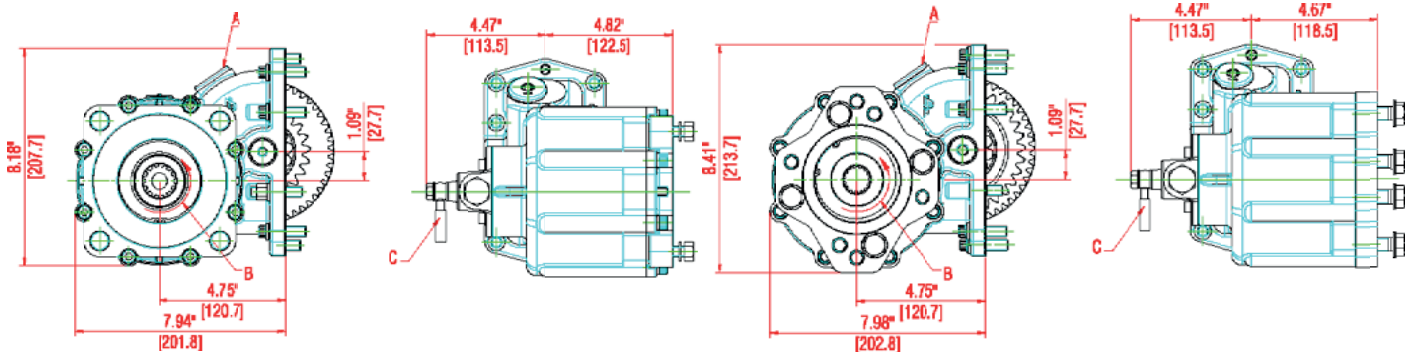
Mounting position Lado de montaje	Right, Left Derecho, Izquierdo
Weight Peso (Lb)	42

Engine to PTO ratio (See application book)
Relación motor - Toma de Fuerza (Consultar libro de aplicaciones)

INTERNAL RATIO	INTERMITTENT SERVICE			CONTINUOUS SERVICE		
	Torque (Lb. FT)	Power (HP)		Torque (Lb. FT)	Power (HP)	
		At 500 r.p.m.	At. 1000 r.p.m.		At 500 r.p.m.	At. 1000 r.p.m.
50%(B)	500	48	97	400	39	78
58%(C)	500	48	97	400	39	78
68%(E)	450	44	88	360	35	70
78% (G)	420	40	80	340	33	65
84% (J)	400	38	76	320	30	60
97% (M)	380	36	72	300	28	56
119% (O)	350	33	66	280	26	52

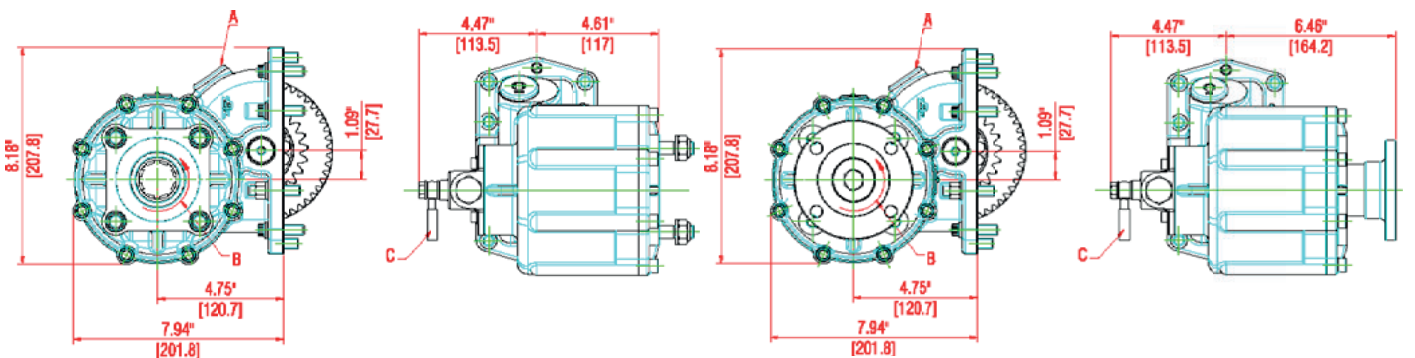
Constant Mesh, Heavy Duty
 Toma Constante, Reforzada

SAE "C" 4 bolt SAE "C" 4 taladros SAE "B" 2/4 bolt SAE "B" 2/4 taladros



ISO 4 bolt ISO 4 taladros

Drive Flange Plato de Transmisión



Notas Notes

A	Backlash check plug	A	Comprobación juego de engranajes
B	Rotation	B	Sentido de giro
C	Lubrication hose (included)	C	Latiguillo de lubricación (incluido)

Constant Mesh, Heavy Duty
Toma Constante, Reforzada

Part Number Breakdown Codificación PTO

3151 P B M 63 3 RJ

SERIES:

3151 Allison 10 bolts

VERSIONS:

P Greaseable Idler shaft

INTERNAL RATIOS:

- 50% (B)
- 58% (C)
- 68% (E)
- 78% (G)
- 84% (J)
- 97% (M)
- 118% (O)

SHIFTER TYPE:

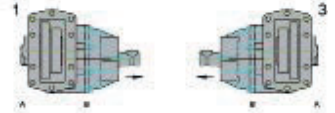
M Constant mesh

OUTPUT TYPE:

- DA ISO 4 bolt
- IC Flange SAE 1410
- RJ SAE C. 4 bolt 14T
- RA SAE B. 2/4 bolt 13T
- RB SAE BB. 2/4 bolt 15T

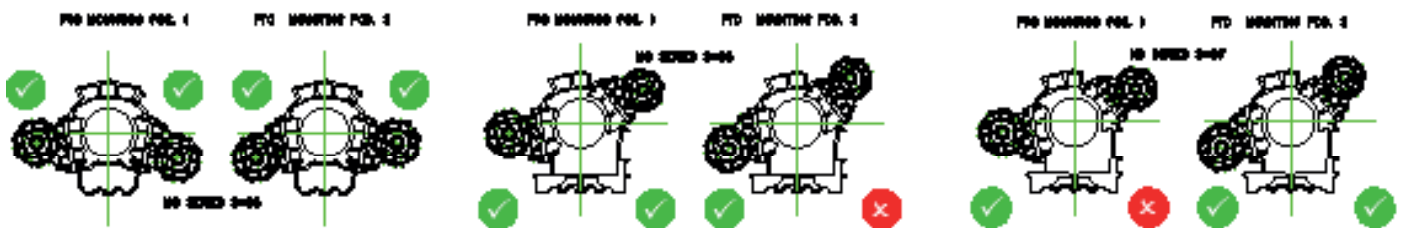
ASSEMBLY ARRANGEMENTS:

- 1 Right, Forward
- 3 Left, Forward



INPUT GEAR:

63 Allison



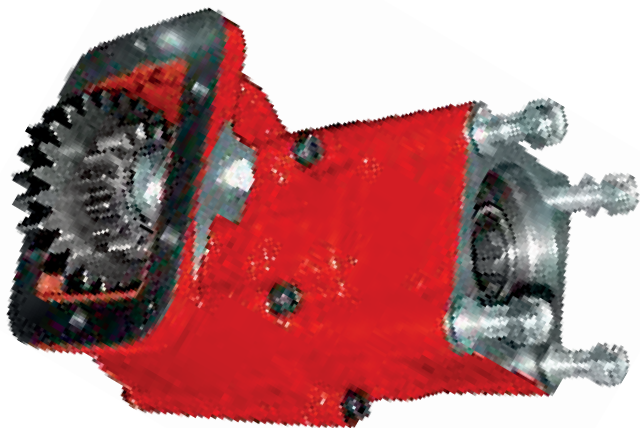
Hot Shift PTO, 6 Bolt, Universal

Side Mount, Pneumatic
Lateral, Neumático

Description Descripción

Hot shift 6 bolt 2 gears pto Pneumatic Mounting on both sides of the Transmission. Several internal ratios. Both possibilities of assembly 1 and 3 in the same housing. All input gears from 1000 / 2000 pto fit on this series.

Toma de fuerza de 6 taladros, 2 piñones con embrague incorporado. Accionamiento neumático. Montaje sobre ambos lados de la caja de cambios. Diferentes relaciones de transmisión. Mismos engranajes de ataque que la serie 1000/2000 cubriendo la mayoría de cajas de cambio del mercado.



Main Data Datos Principales

Mounting position Lado de montaje	Right, Left Derecho, Izquierdo
Pump rotation Sentido de giro de la bomba	Right Derecho
Weight Peso (Lb)	44
Engine to PTO ratio Relación motor - Toma de Fuerza	See application book Consultar libro de aplicaciones

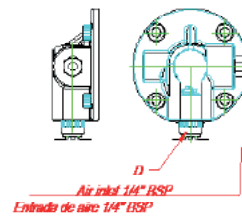
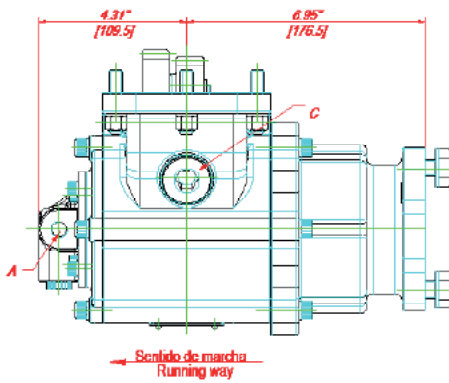
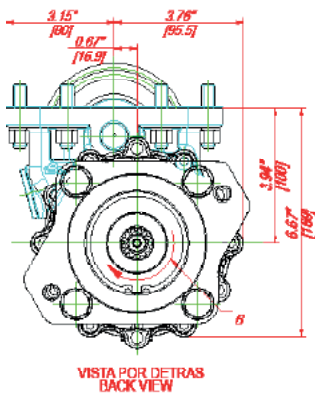
Torque working, with an engage pressure of 116 PSI or higher
Par nominal trabajando con presión de accionamiento de 8 bar

INTERNAL RATIO	INTERMITTENT SERVICE			CONTINUOUS SERVICE		
	Torque (Lb. FT)	Power (HP)		Torque (Lb. FT)	Power (HP)	
		At 500 r.p.m.	At. 1000 r.p.m.		At 500 r.p.m.	At. 1000 r.p.m.
40% (Z)	250	25	49	178	18	35
50% (A)	250	25	49	178	18	35
55% (B)	250	25	49	178	18	35
73% (C)	250	25	49	178	18	35
86% (E)	225	22	44	160	16	31
95% (J)	225	22	44	160	16	31
125% (O)	200	22	39	142	14	28

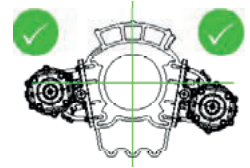
Side Mount, Pneumatic
Lateral, Neumático

Most standard output types Tipos de salida más utilizadas

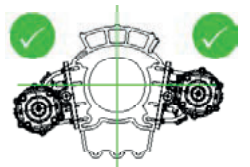
SAE "B" 2/4 bolt SAE "B" 2/4 taladros



Position 1 Position 1

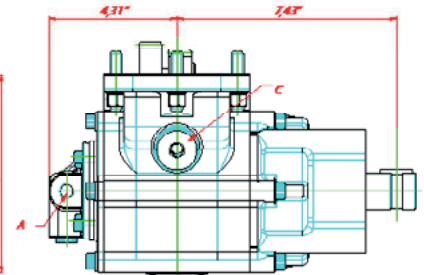
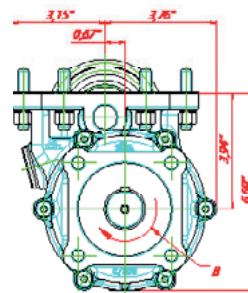
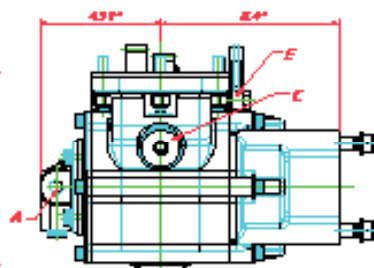
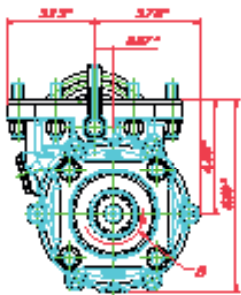


Position 3 Position 3



ISO 4 bolt ISO 4 taladros

Round shaft Eje chaveteado



Notas Notes

A	Air connection BSP 1/4"	A	Entrada de aire 1/4" BSP
B	Rotation	B	Sentido de giro
C	Backlash check plug	C	Comprobación de juego de engranajes
D	Pressure switch	D	Presostato

Hot Shift PTO, 6 Bolt, Universal

Side Mount, Pneumatic
Lateral, Neumático

Part Number Breakdown Codificación PTO

3200 X A N 01 1 SA

SERIES:

3200 6 bolt clutch PTO

VERSIONS:

X Standard
P Greasable Idler shaft

INTERNAL RATIOS:

(B) 1:0.55 (R) 1:1.37
(C) 1:0.73 (S) 1:1.50
(E) 1:0.80 (T) 1:1.65
(J) 1:0.95 (Z) 1:0.40
(O) 1:1.25

SHIFTER TYPE:

A Air with 101 air kit
N Air without 101 air kit
S Air with 126 air kit
T Air with 127 air kit
U Air kit with 128 air kit
P Electric over air, 12V

INPUT GEAR:

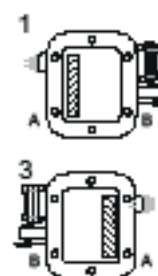
01 Fuller series (R/675)	27 Eaton / Fuller (R/692)
02 Universal (R/683))	28 Fuller (R/771)
03 Spicer (R/736)	30 Eaton / Fuller (R/698)
05 Spicer (R/677)	33 Spicer (R/697)
06 Fuller (TREMEC) (R/679)	34 Spicer (R/696)
07 Navistar (R/693)	36 New Process (R/739)
08 Spicer (R/682)	39 Warner (R/741)
09 Spicer (R/684)	41 Warner (R/743)
10 Chevy (R/678)	42 Fuller (R/770)
11 Chevy / Spicer (R/699)	50 ZF (R/700)
13 New Process (R/718)	51 Dodge (R/702)
14 Fuller (R/737)	52 Zed / F (R/700)
15 Eaton / Fuller FS-4005C/4205C (R/717)	55 Mack / Renault (R/748)
16 ZF (R/716)	57 ZF (R/740)
17 Eaton 6305 A (R/680)	61 Ford (R/754)
18 Eaton FS 3005 / 4005 AB (R/717)	66 Fuller (R/862)
20 Dodge (R/701)	68 Tremec (R/897)
21 ZF S5-42/5.72 (R/676)	
22 Eaton / Fuller (R/738)	
23 Eaton / Fuller FS-3005 B (R/714)	
24 Mack (R/695)	
25 Eaton / Fuller FS 7206 A (R/715)	

OUTPUT TYPE:

DA ISO 4 bolt
FA Flange SAE 1100
IB Flange SAE 1300
IC Flange DIN 100
SA SAE "B" 2/4 bolt 13T.
SB SAE "BB" 2/4 bolt 15T.
SE SAE type 1 ¼ round shaft
SG SAE type 1 ½ round shaft

MOUNTING POSITION:

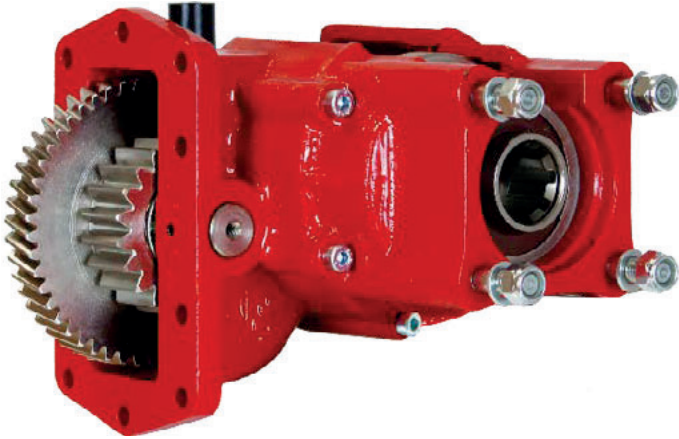
1 Right, Forward
3 Left, Forward



Description Descripción

Hot Shift, 2 gear Power Take-off, with low profile. Hydraulic shifting and internal lubrication. Mounting on both sides of Transmission. Wide range of internal ratios and most output options: SAE B, SAE BB or ISO 4 bolts.

Toma de fuerza de 2 piñones, con embrague incorporado, accionamiento hidráulico y lubricación interna. Montaje sobre ambos lados de la caja de cambios. Amplia gama de relaciones internas. Disponible con los tipos mas usuales de salida: SAE B, SAE BB o ISO 4 taladros.



Main Data Datos Principales

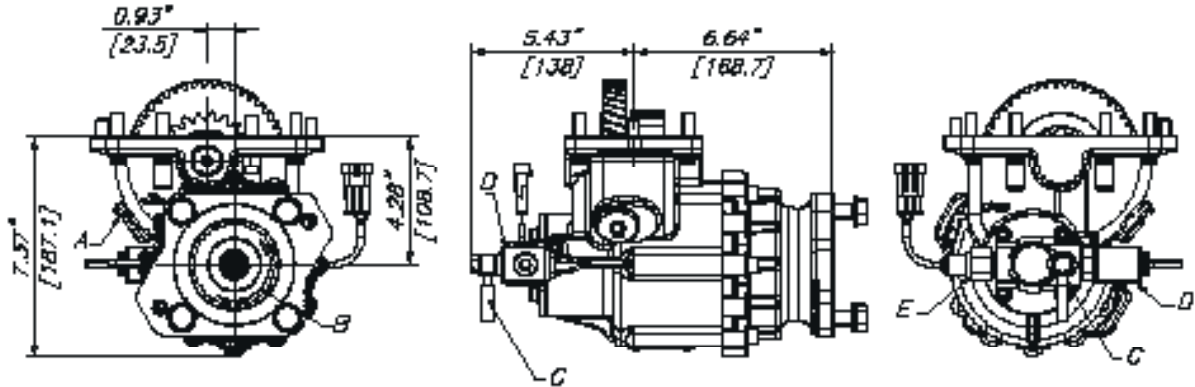
Mounting position Lado de montaje	Right, Left Derecho, Izquierdo
Weight Peso (Lb)	53

Engine to PTO ratio (See application book)
Relación motor - Toma de Fuerza (Consultar libro de aplicaciones)

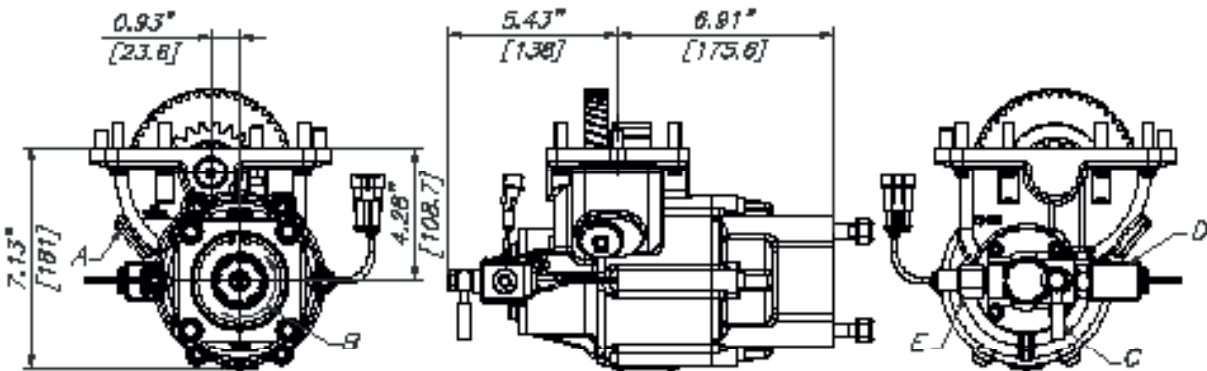
INTERNAL RATIO	INTERMITTENT SERVICE			CONTINUOUS SERVICE		
	Torque (Lb. FT)	Power (HP)		Torque (Lb. FT)	Power (HP)	
		At 500 r.p.m.	At. 1000 r.p.m.		At 500 r.p.m.	At. 1000 r.p.m.
54%(B)	410	39	78	310	30	59
59%(C)	400	38	76	300	29	57
70%(E)	380	36	72	280	27	54
76% (G)	360	34	68	260	25	50
82% (J)	340	33	65	250	24	48
96% (M)	320	31	61	230	22	44
122% (O)	270	26	51	200	19	38

Standard output types Tipos de salida más utilizadas

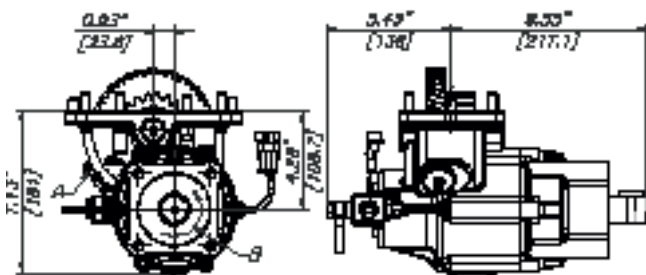
SAE "B" 2/4 bolt SAE "B" 2/4 taladros



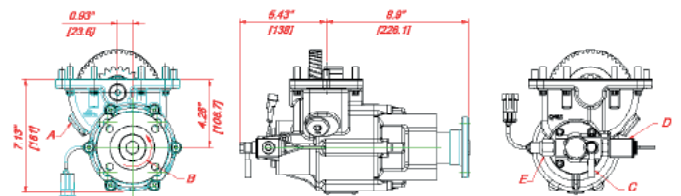
ISO 4 bolt ISO 4 taladros



Round Shaft Eje chaveteado



Drive Flange Plato de Transmisión



Notas		Notes	
A	Backlash check plug	A	Comprobación juego de engranajes
B	Rotation	B	Sentido de giro
C	Shifting hose	C	Latiguillo de accionamiento
D	Solenoid 12V DC (24V DC option under request)	D	Solenoid 12V DC (opcion 24V bajo pedido)
E	Pressure switch	E	Presostato

Part Number Breakdown Codificación PTO

3252 P B E 63 3 SA

SERIES:

3252 Allison 10 bolts

VERSIONS:

P Greaseable Idler shaft

INTERNAL RATIOS:

- 54% (B)
- 59% (C)
- 70% (E)
- 76% (G)
- 82% (J)
- 96% (M)
- 122% (O)

SHIFTER TYPE:

- E Electric 12V. over hydraulic
- F Electric 24V. over hydraulic

OUTPUT TYPE:

- DA ISO 4 bolt
- IB Flange SAE 1310
- IC Flange SAE 1410
- SA SAE "B" 2/4 bolt 13T
- SB SAE "BB" 2/4 bolt 15T
- SE SAE 1 1/4" round shaft

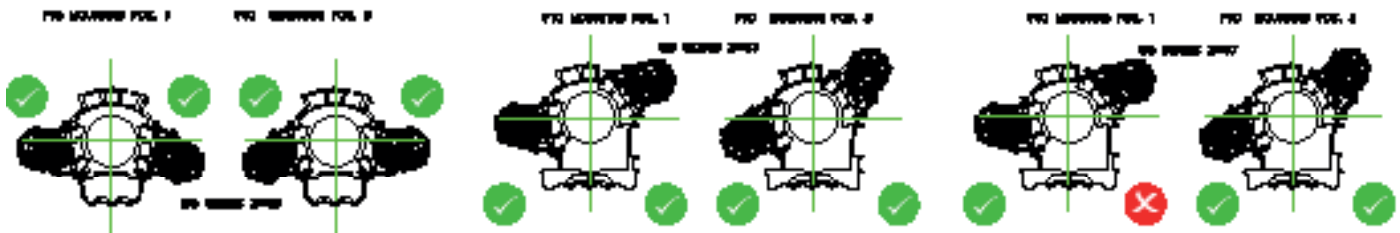
ASSEMBLY ARRANGEMENTS:

- 1 Right, Forward
- 3 Left, Forward



INPUT GEAR:

63 Allison



Hot Shift PTO, 6 Bolt, Universal Allison, Aisin

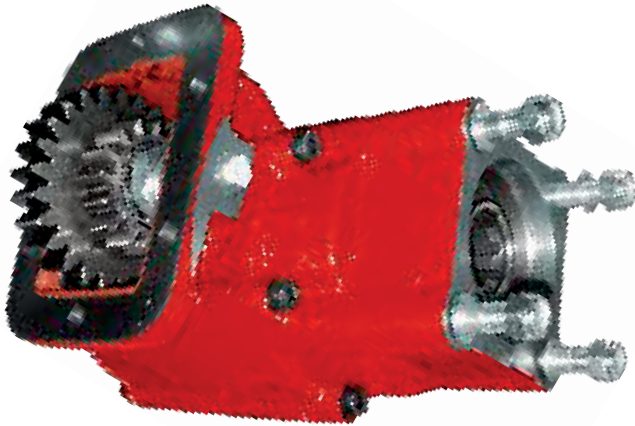
3300
Series

Side Mount, Hydraulic Lateral, Hidráulico

Description Descripción

Hot shift 6 bolt 2 gears pto. Only hydraulic shifting Mounting on both sides of the Transmission. Several internal ratios and output types. Both possibilities of assembly (1 and 3) in one housing. With 3300 Series is possible to work with shaft-top or shaft-bottom in both sides right or left.

Toma de fuerza de 6 taladros, 2 piñones con embrague incorporado. Solo accionamiento hidráulico. Montaje sobre ambos lados de la caja de cambios (posiciones 1 y 3) con una unica carcasa. Diferentes relaciones de transmisión y tipos de salida. Con la serie 3300 es posible montar el eje de salida hacia arriba o hacia abajo.



Main Data		Datos Principales	
Mounting position	Lado de montaje	Right, Left	Derecho, Izquierdo
Pump rotation	Sentido de giro de la bomba	Right	Derecho
Weight	Peso (Lb)	48	
Engine to PTO ratio	Relación motor - Toma de Fuerza	See application book	Consultar libro de aplicaciones

Torque working, with an engage pressure of 116 PSI or higher
Par nominal trabjando con presión de accionamiento de 8 bar

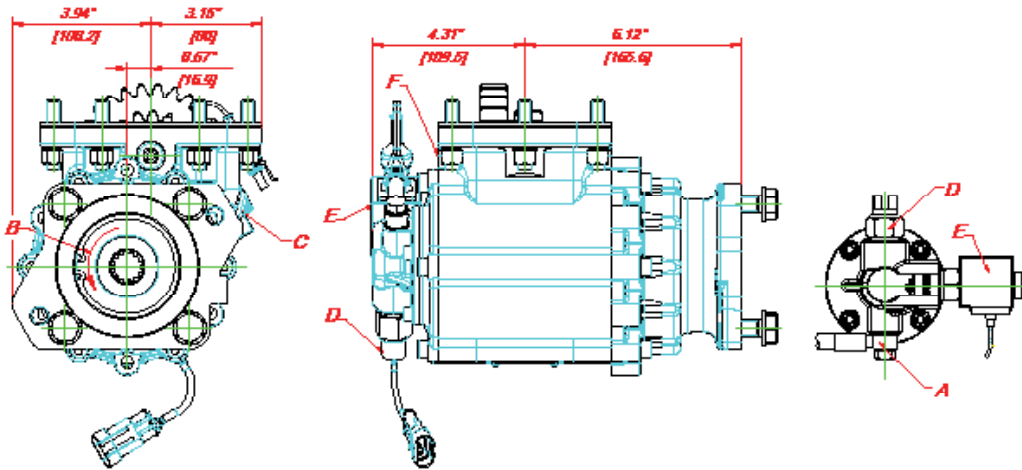
INTERNAL RATIO	INTERMITTENT SERVICE			CONTINUOUS SERVICE		
	Torque (Lb. FT)	Power (HP)		Torque (Lb. FT)	Power (HP)	
		At 500 r.p.m.	At. 1000 r.p.m.		At 500 r.p.m.	At. 1000 r.p.m.
40% (Z)	250	25	49	178	18	35
50% (A)	250	25	49	178	18	35
55% (B)	250	25	49	178	18	35
73% (C)*	250	25	49	178	18	35

* Can only be applied on Aisin Transmissions

Side Mount, Hydraulic
Lateral, Hidráulico

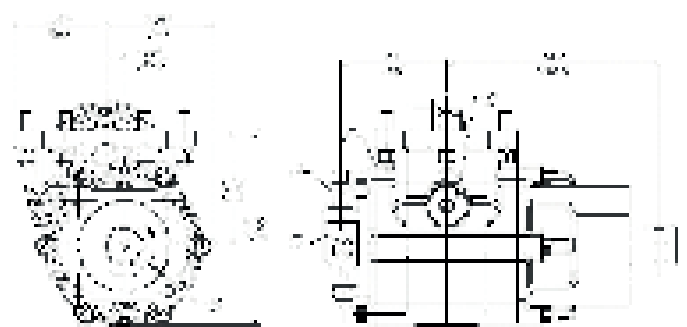
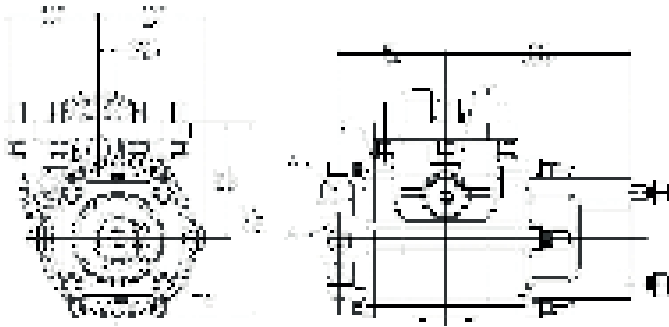
Most standard output types Tipos de salida más utilizadas

SAE "B" 2/4 bolt SAE "B" 2/4 taladros



ISO 4 bolt ISO 4 taladros

Round shaft Eje chaveteado



Notas Notes

A	Shifting hose	A	Latiguillo de accionamiento
B	Rotation	B	Sentido de giro
C	Backlash check plug	C	Comprobación de juego de engranajes
D	Pressure switch	D	Presostato
E	Solenoid standard 12V, 24V optional	E	Solenoid estándar 14V, 24V opcional
F	Lubrication hose	F	Latiguillo de lubricación

Hot Shift PTO, 6 Bolt, Universal Allison, Aisin

**3300
Series**

Side Mount, Hydraulic
Lateral, Hidráulico

Part Number Breakdown Codificación PTO

3300 P A E 64 1 SA

SERIES:

3300 6 bolt clutch PTO

VERSIONS:

P Greasable Idler shaft
H Special Lube Kit (Hino)

INTERNAL RATIOS:

(A) 1:0.50
(B) 1:0.55
(Z) 1:0.40
(...)

SHIFTER TYPE:

E Electric 12V. over hydraulic
F Electric 24V. over hydraulic

INPUT GEAR:

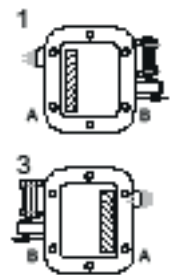
64 Allison
67 Aisin

OUTPUT TYPE:

DA ISO 4 bolt
IB Flange SAE 1300
IC Flange SAE 1400
ID Flange DIN 100
SF SAE "A" 2 bolt 9T
SA SAE "B" 2/4 bolt 13T.
SB SAE "BB" 2/4 bolt 15T.
SE SAE type 1 ¼ round shaft

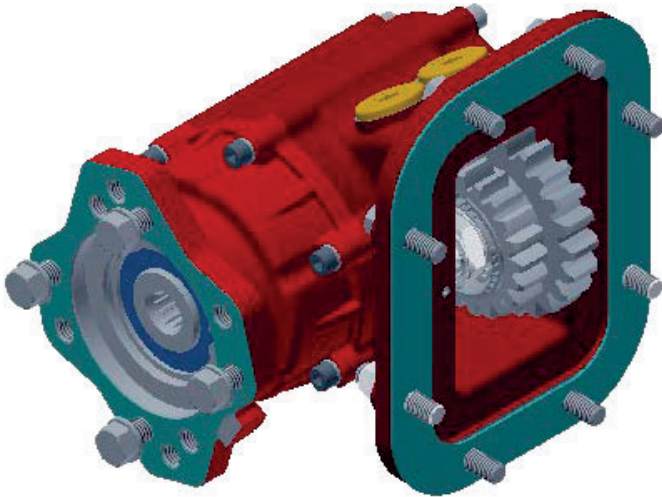
MOUNTING POSITION:

1 Right, Forward
3 Left, Forward



Bottom, Pneumatic
Inferior, Neumático

Description Descripción



Hot shift 8 bolt 2 gears Pneumatic, bottom PTO. Several internal ratios. Both possibilities of assembly 1 and 3 in the same housing. All input gears from 1000 / 2000 pto fit on this series.

Toma de fuerza de 8 taladros, 2 piñones con embrague incorporado. Accionamiento neumático Diferentes relaciones de transmisión. Mismos engranajes de ataque que la serie 1000/2000 cubriendo la mayoría de cajas de cambio del mercado.

Main Data		Datos Principales	
Mounting position	Lado de montaje	Right, Left	Derecho, Izquierdo
Pump rotation	Sentido de giro de la bomba	Right	Derecho
Weight	Peso (Lb)	60	
Engine to PTO ratio	Relación motor - Toma de Fuerza	See application book	Consultar libro de aplicaciones

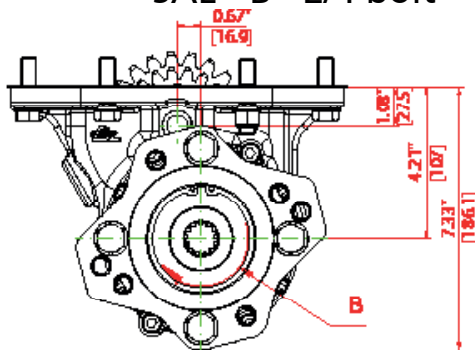
Torque working, with an engage pressure of 116 PSI or higher
Par nominal trabajando con presión de accionamiento de 8 bar

INTERNAL RATIO	INTERMITTENT SERVICE			CONTINUOUS SERVICE		
	Torque (Lb. FT)	Power (HP)		Torque (Lb. FT)	Power (HP)	
		At 500 r.p.m.	At. 1000 r.p.m.		At 500 r.p.m.	At. 1000 r.p.m.
40% (Z)	250	25	49	178	18	35
50% (A)	250	25	49	178	18	35
55% (B)	250	25	49	178	18	35
73% (C)	250	25	49	178	18	35
86% (E)	225	22	44	160	16	31
95% (J)	225	22	44	160	16	31
125% (O)	200	22	39	142	14	28

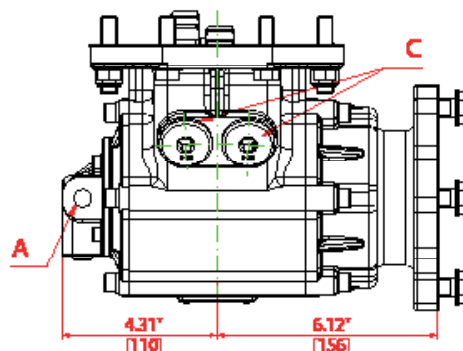
Hot Shift PTO, 8 Bolt, Universal

Bottom, Pneumatic
Inferior, Neumático

SAE "B" 2/4 bolt SAE "B" 2/4 taladros

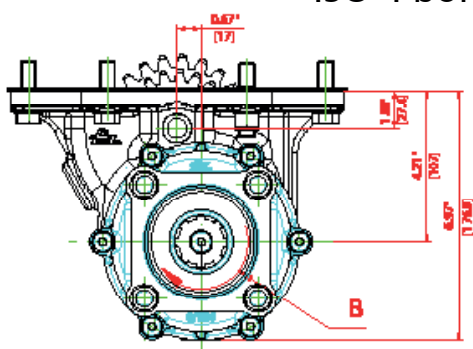


VISTA POR DETRAS
BACK VIEW

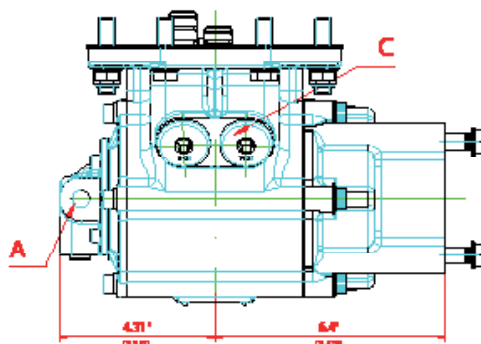


Sentido de marcha
Running way

ISO 4 bolt ISO 4 taladros

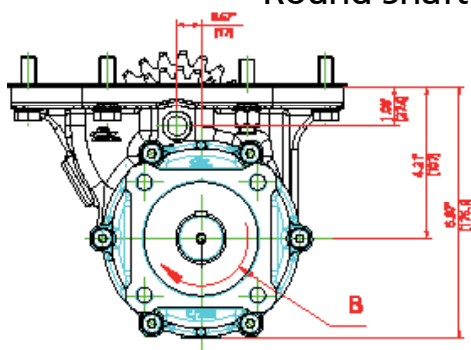


VISTA POR DETRAS
BACK VIEW

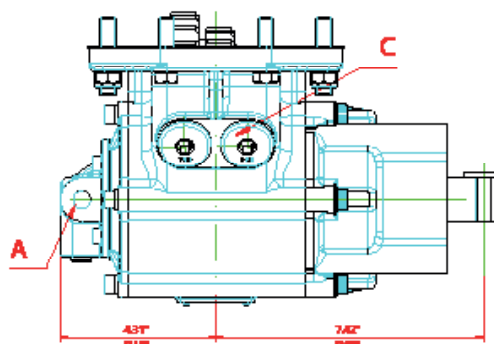


Sentido de marcha
Running way

Round Shaft Eje chaveteado



VISTA POR DETRAS
BACK VIEW



Sentido de marcha
Running way

Notas Notes

A	Air connection BSP 1/4"	A	Entrada de aire 1/4" BSP
B	Rotation	B	Sentido de giro
C	Backlash check plug	C	Comprobación de juego de engranajes

Bottom, Pneumatic
Inferior, Neumático

Part Number Breakdown Codificación PTO

3800 X A N 01 1 RA

SERIES:

3800 8 bolt clutch PTO
3810 8 bolt clutch PTO deep mount

VERSIONS:

X Standard

INTERNAL RATIOS:

(A) 1:0.50	(O) 1:1.25
(B) 1:0.55	(R) 1:1.37
(C) 1:0.73	(S) 1:1.50
(E) 1:0.86	(T) 1:1.65
(J) 1:0.95	(Z) 1:0.40

SHIFTER TYPE:

A Air with 101 air kit
N Air without 101 air kit

INPUT GEAR: (Z = 35)

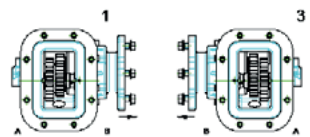
- | | |
|--|---------------------------|
| 01 Fuller series (R/675) | 27 Eaton / Fuller (R/692) |
| 02 Universal (R/683) | 28 Fuller (R/771) |
| 03 Spicer (R/736) | 30 Eaton / Fuller (R/698) |
| 05 Spicer (R/677) | 33 Spicer (R/697) |
| 06 Fuller (TREMEC) (R/679) | 34 Spicer (R/696) |
| 07 Navistar (R/693) | 36 New Process (R/739) |
| 08 Spicer (R/682) | 39 Warner (R/741) |
| 09 Spicer (R/684) | 41 Warner (R/743) |
| 10 Chevy (R/678) | 42 Fuller (R/770) |
| 11 Chevy / Spicer (R/699) | 50 ZF (R/700) |
| 13 New Process (R/718) | 51 Dodge (R/702) |
| 14 Fuller (R/737) | 52 Zed / F (R/700) |
| 15 Eaton / Fuller FS-4005C/4205C (R/717) | 55 Mack / Renault (R/748) |
| 16 ZF (R/716) | 57 ZF (R/740) |
| 17 Eaton 6305 A (R/680) | 61 Ford (R/754) |
| 18 Eaton FS 3005 / 4005 AB (R/717) | 64 Allison (R/752) |
| 20 Dodge (R/701) | 66 Fuller (R/862) |
| 21 ZF S5-42/5.72 (R/676) | 67 Aisin (R/870) |
| 22 Eaton / Fuller (R/738) | 68 Tremec (R/897) |
| 23 Eaton / Fuller FS-3005 B (R/714) | 75 Endurant (G/210) |
| 24 Mack (R/695) | |
| 25 Eaton / Fuller FS 7206 A (R/715) | |

OUTPUT TYPE:

DA ISO 4 bolt
IB Flange SAE 1300
IC Flange SAE 1400
ID Flange DIN 100
RA SAE "B" 2/4 bolt 13T. rotatable
RB SAE "BB" 2/4 bolt 15T. rotatable
SE SAE type 1 1/4 round shaft
SF SAE "A" 2 bolt rotatable

MOUNTING POSITION:

- 1 Right, Forward
- 3 Left, Forward



Ford 5R 110W

Side Mount, Hydraulic
Lateral, Hidráulico



Description Descripción

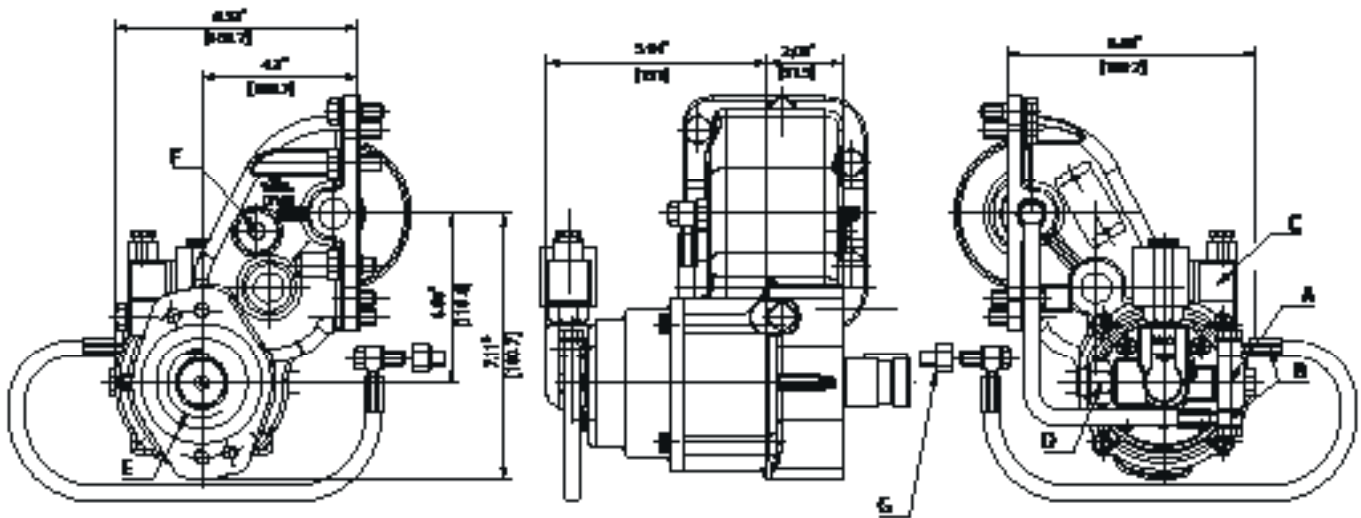
Hot Shift PTO used in the Ford F-Series. 9 teeth, 11 Teeth & Round Shaft are available. Two positions for a SAE "A" gear pump allow for different installation options.

Toma de fuerza con embrague incorporado utilizada en la serie F de Ford. Varios tipos de ejes de salida disponibles: Z-9, Z-11, y eje chaveteado. Dos posiciones para una bomba de engranajes SAE "A" permiten opciones de instalación diferente.

Main Data		Datos Principales	
Torque (LB. FT.) Par nominal	Continuous Continuo		86
	Intermittent Intermitente		120
Power Potencia (HP) @ 1000 rpm			16
Mounting position Lado de montaje		Left Izquierdo	
Pump rotation Sentido de giro de la bomba		Left Izquierdo	
Weight Peso (Lb)			35
Engine to PTO ratio Relación motor - Toma de fuerza			148%

Codes and combinations		Códigos y combinaciones	
Output types Tipos de salida	SAE A (9 teeth)	SAE 1¼" round shaft	
	3900PEE654SF	3900PEE654SE	

Side Mount, Hydraulic
Lateral, Hidráulico



Notas Notes

	Notas	Notes
A	"T" connection, for lubrication pipe	A Conexión en "T" para latiguillo de lubricación
B	Lubrication and engagement pipe	B Latiguillo de lubricación y accionamiento
C	Solenoid 12V	C Solenoide 12V
D	Pressure switch	D Presostato
E	Rotation	E Sentido de giro
F	Backlash check plug	F Tapón de comprobación de juego de engranajes
G	Adapter connector (Female BSP 1/8" - Male NPT 1/8")	G Racor adaptador (Hembra BSP 1/8" - Macho NPT 1/8")

Ford 6R140 (MY 2011 SUPER DUTY)

Side Mount, Hydraulic
Lateral, Hidráulico



Description Descripción

Hot shift PTO used in the 6-speed pick up vehicles, SAE A (9 teeth, 11 teeth) & 1 1/4" round shaft are available. Two mounting positions for SAE A gear pumps & 60 x 60 flange gear pumps mounting.

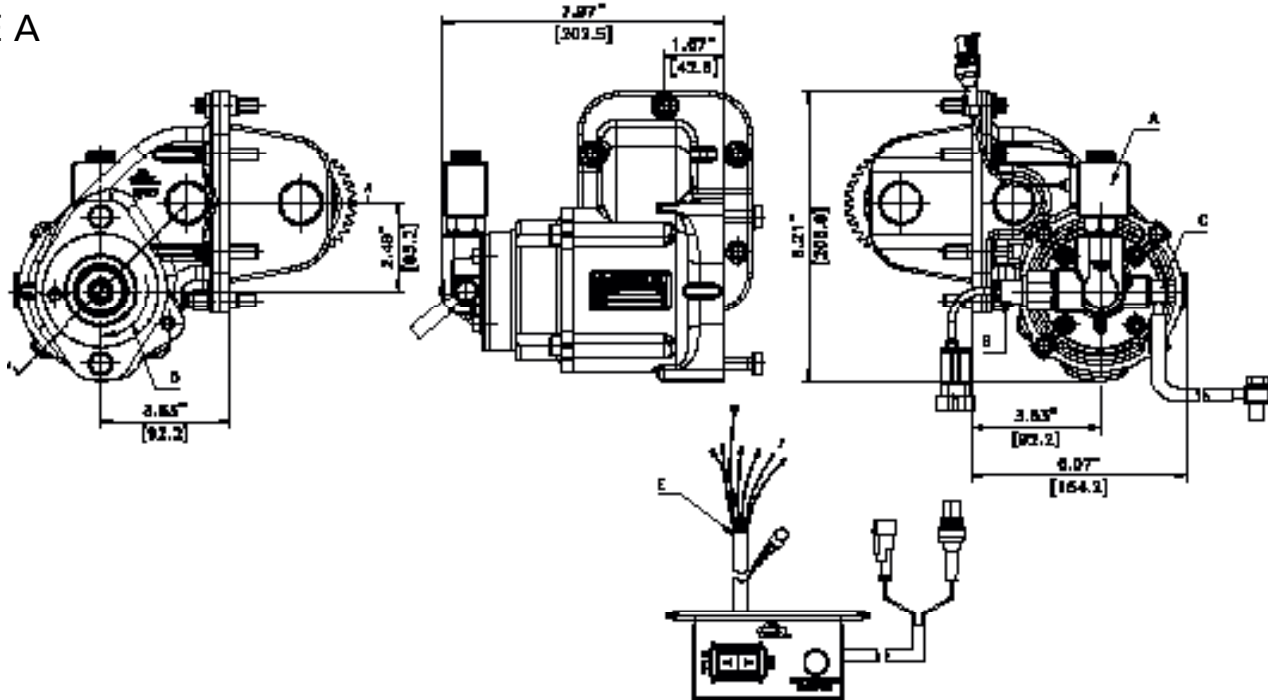
Toma de fuerza con embrague incorporado utilizada en los vehiculos pick up de 6 velocidades. Disponible en salida SAE A (Z=9 y Z=11) y eje chaveteado 1 1/4". Dos posiciones de montaje para bombas SAE A ademas permite el montaje de bombas con brida 60 x 60.

Main Data		Datos Principales		
Torque (LB. FT.)	Par nominal	Continuous	Continuo	140
		Intermittent	Intermitente	200
Power	Potencia (HP) @ 1000 rpm			27
Mounting position	Lado de montaje	Left	Izquierdo	
Pump rotation	Sentido de giro de la bomba	Left	Izquierdo	
Weight	Peso (Lb)			36
Engine to PTO ratio	Relación motor - Toma de fuerza			125%

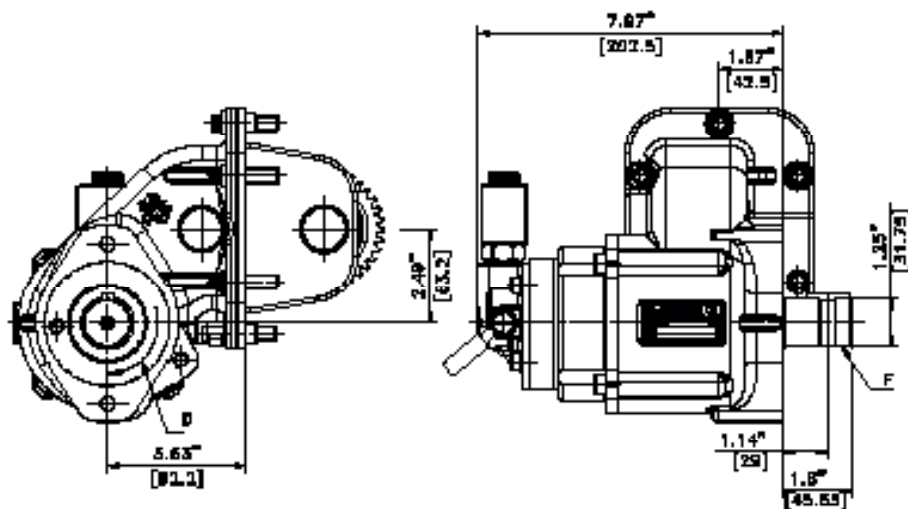
Codes and combinations		Códigos y combinaciones		
Output types	Tipos de salida	SAE A (9 teeth)	SAE 1 1/4" round shaft	SAE A (11 teeth)
		3920PEE713SF	3920PEE713SE	3920PEE713SI

Side Mount, Hydraulic
Lateral, Hidráulico

SAE A



DRIVE SHAFT



Notas Notes

Notas	Notes
A Solenoid 12V.	A Solenoide 12V.
B Pressure switch	B Presostato
C Shifting hose	C Latiguillo de accionamiento
D Rotation	D Sentido de giro
E Connection Kit	E Kit de conexión

Pneumatic
Neumático



Description Descripción

Power Take-off designed for very heavy duty application, low profile two gears, different transmission ratio. Pneumatic shifting. Also available in position 1 and 3.

Toma de fuerza diseñada para aplicaciones de trabajo muy pesado, con varias relaciones de transmisión, accionamiento neumático, disponible en posición 1 y 3.

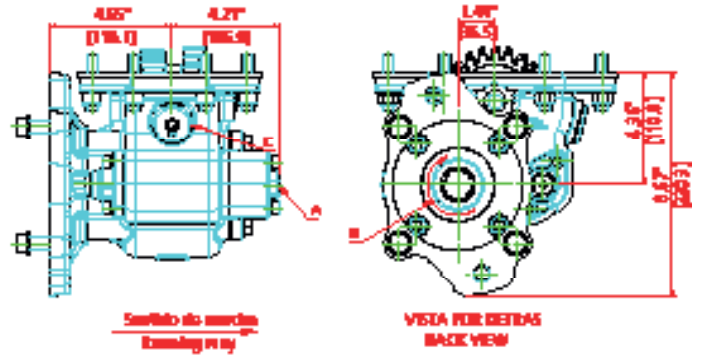
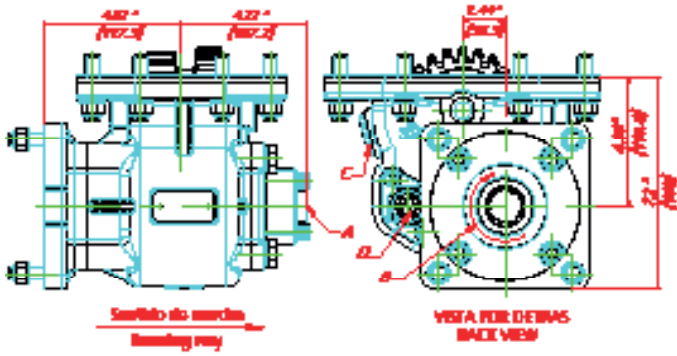
Main Data		Datos Principales	
Mounting position	Lado de montaje	Bottom left	Izquierdo inferior
Weight	Peso (Lb)	44	

Engine to PTO ratio (See application book) Relación motor - Toma de Fuerza (Consultar libro de aplicaciones)						
INTERNAL RATIO	INTERMITTENT SERVICE			CONTINUOUS SERVICE		
	Torque (Lb. FT)	Power (HP)		Torque (Lb. FT)	Power (HP)	
		At 500 r.p.m.	At. 1000 r.p.m.		At 500 r.p.m.	At. 1000 r.p.m.
70%(C)	470	45	90	340	33	65
86%(E)	470	45	90	340	33	65
105%(J)	400	39	77	300	29	58

Standard output types Tipos de salida más utilizadas

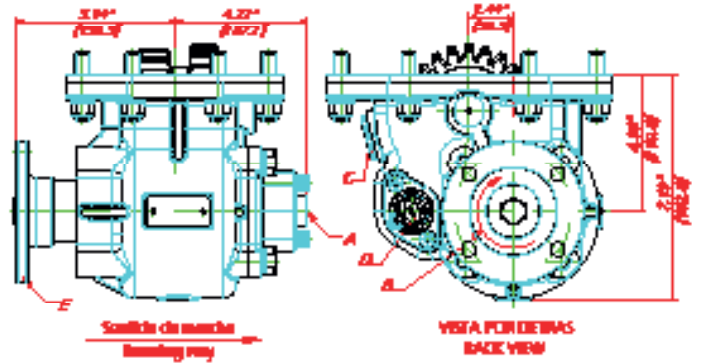
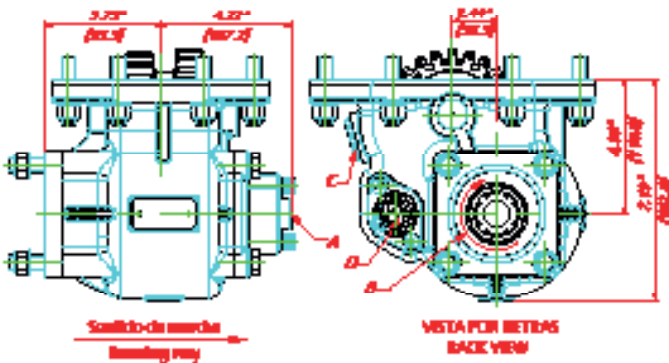
SAE "C" 4 bolts SAE "C" 4 taladros

SAE "C" 2/4 bolts SAE "C" 2/4 taladros



ISO 4 bolts ISO 4 taladros

Drive Flange Plato de Transmisión



Notas Notes

- A Air connection, thread 1/4" BSP
- B Rotation
- C Backlash check plug
- D Indicator switch
- E Drive flange

- A Toma de aire, rosca 1/4" GAS
- B Sentido de giro
- C Tapón comprobación juego de engranajes
- D Indicador de funcionamiento
- E Plato de transmisión

Part Number Breakdown Codificación PTO

4100 X B N 01 1 RJ

SERIES:

4100 Standard mounting, 8 bolt
4110 Deep mounting, 8 bolt

VERSIONS:

X Standard

INTERNAL RATIOS:

57% (B)
70% (C)
86% (E)
105% (J)

SHIFTER TYPE:

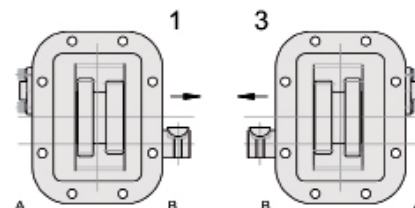
A Air with 101 air kit
N Air without 101 air kit

OUTPUT TYPE:

DA ISO 4 bolt
IC Flange SAE 1400
RB SAE B, 2/4 bolt, 15T rotatable
RJ SAE C 4 bolt (14 teeth)
RK SAE C 2/4 bolt
SE SAE type 1 1/4" round shaft
SG SAE type 1 1/2" round shaft

ASSEMBLY ARRANGEMENTS:

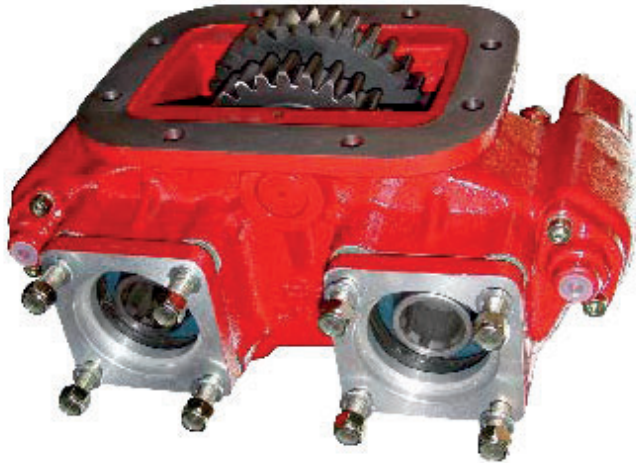
1 Right, Forward
3 Left, Forward



INPUT GEAR:

01 Fuller series
24 Mack
75 Endurant

Pneumatic
Neumático



Description Descripción

PTO with two independent outputs and many output shaft types: SAE B, SAE C, round shaft, etc. Different internal ratios make it useful for many applications.

Toma de fuerza con dos salidas independientes, con posibilidad de salidas para muchos tipos de eje: SAE B, SAE C, eje chaveteado, etc. Diferentes relaciones internas para diferentes tipos de aplicaciones.

Main Data Datos Principales

Mounting position Lado de montaje	Bottom Inferior	
Weight Peso (Lb)	75	
Maximum output torque with the two output working simultaneously Par máximo de salida con las 2 salidas trabajando simultáneamente	Intermittent Intermitente	500 Lb. ft
	Continuous Continuo	400 Lb. ft

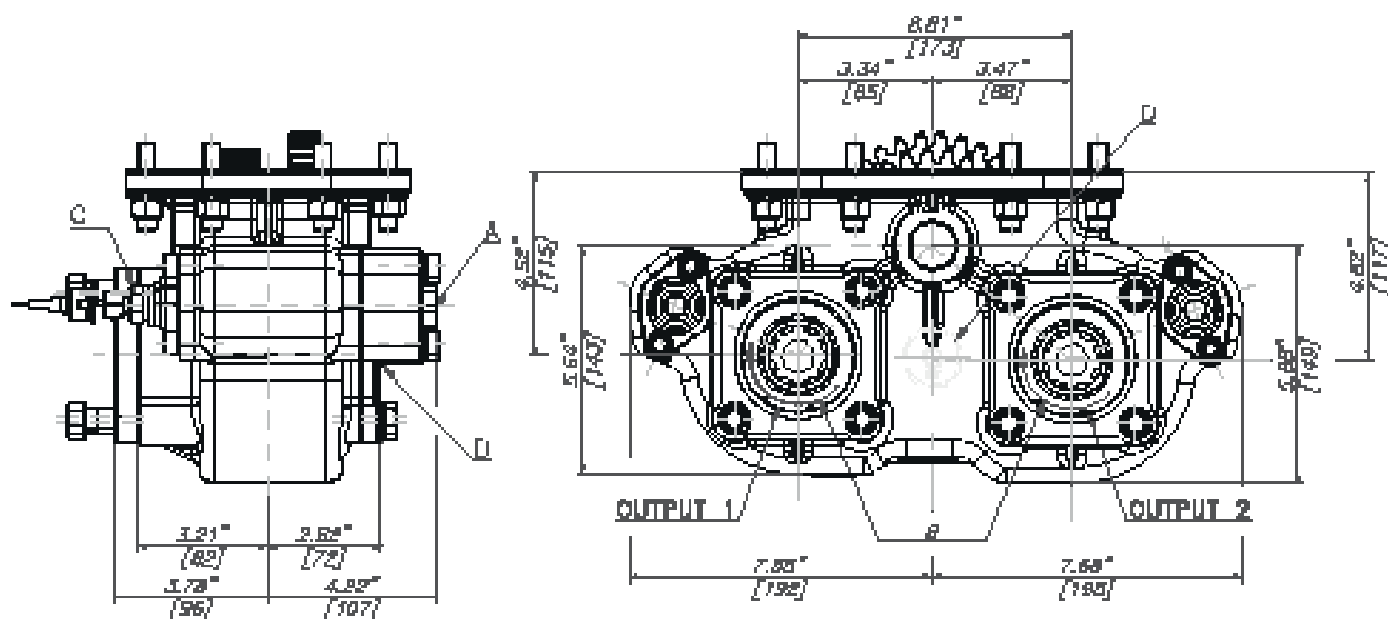
Engine to PTO ratio (See application book)
Relación motor - Toma de Fuerza (Consultar libro de aplicaciones)

OUTPUT	INTERNAL RATIO	INTERMITTENT SERVICE			CONTINUOUS SERVICE		
		Torque (Lb. FT)	Power (HP)		Torque (Lb. Ft)	Power (HP)	
			At 500 r.p.m.	At. 1000 r.p.m.		At 500 r.p.m.	At. 1000 r.p.m.
1C	96%	420	40	80	300	29	57
2B	89%	420	40	80	300	29	57
1E	112%	400	38	76.5	285	27	54.5
2C	104%	420	40	80	300	29	57
1J	132%	380	36	73	270	26	52
2E	121%	400	38	76.5	285	27	54.5
1O	168%	350	33	67	250	24	48
2J	152%	380	36	73	270	26	52

SAE 8 Hole, 2 independent outputs
PTO SAE 8 Taladros, 2 salidas independientes

4250
Series

Pneumatic
Neumático



Notas		Notes	
A	Air connection, thread 1/4" BSP	A	Toma de aire, rosca 1/4" GAS
B	Rotation	B	Sentido de giro
C	Indicator switch	C	Indicador de funcionamiento
D	Backlash check plug	D	Tapón comprobación juego engranajes

Pneumatic
Neumático

Part Number Breakdown Codificación PTO

4250 X CB N 01 3 DA DA

SERIES:

4200 Standard mounting

VERSIONS:

X Standard

INTERNAL RATIOS:

(CB) Output 1: 96% Output 2: 89%
 (EC) Output 1: 112% Output 2: 104%
 (JE) Output 1: 132% Output 2: 121%
 (OJ) Output 1: 168% Output 2: 152%

SHIFTER TYPE:

A Air with 101 air kit
 N Air without 101 air kit

OUTPUT 1

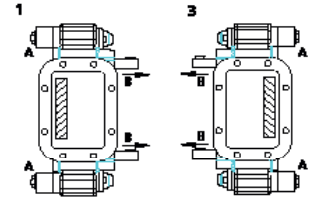
OUTPUT 2

OUTPUT TYPE:

DA ISO 4 bolt
 RJ SAE C. 4 bolt (14 teeth)
 SE SAE type 1 1/4" round shaft
 SG SAE type 1 1/2" round shaft

MOUNTING POSITION:

1 Right, Forward
 3 Left, Rear



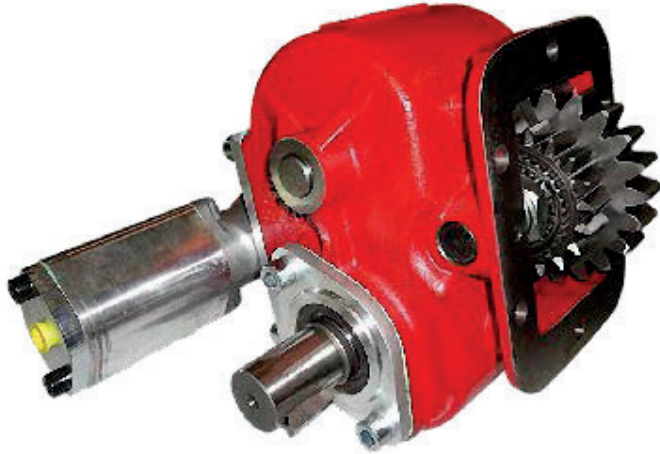
INPUT GEAR:

01 Fuller series

SAE 6 Holes, forward & reverse output
Type round shaft 1 ¼"

6000 Series

Pneumatic
Neumático



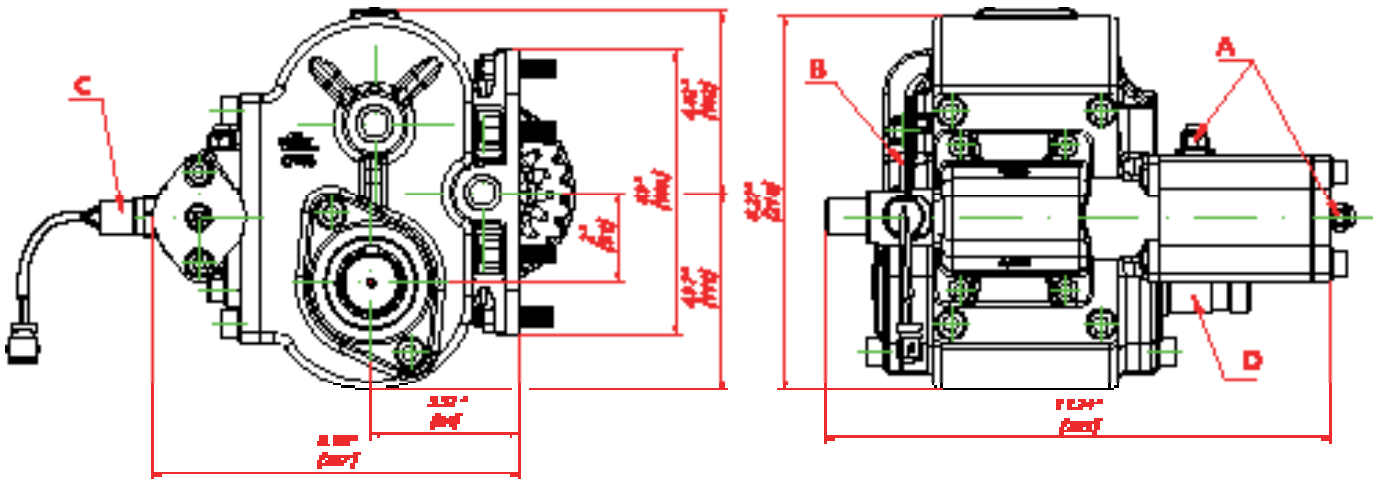
Description Descripción

The 6000 Series is a single, low-speed, forward and reverse PTO. Options include air-shift or lever. This series uses the same input gears as the 1000/2000 series PTO's making it applicable on most manual transmissions.

La Serie 6000 es una toma de fuerza con doble sentido de giro. Las opciones incluyen accionamiento por aire o por palanca. Esta serie utiliza los engranajes de entrada igual que el PTO 1000/2000 serie, por lo que es aplicable en la mayoría de las transmisiones manuales.

Main Data		Datos Principales	
Torque (Lb. Ft.) Par nominal	Continuous Continuo		150
	Intermittent Intermitente		210
Power 1000 r.p.m. Potencia a 1000 r.p.m. (HP)			30
Mounting position Lado de montaje		Right, Left Derecho, Izquierdo	
Weight Peso (Lb)			37
Internal ratio Relación interna	"C" Ratio	Forward Hacia delante	73%
		Reverse Hacia atrás	83%
Engine to PTO ratio Relación motor - toma de fuerza		See application book Ver libro de aplicaciones	

Pneumatic
Neumático



Notas Notes

	Notas	Notes
A	Air connection, thread ¼" BSP	A Toma de aire, rosca ¼" GAS
B	Backlash check plug	B Tapón comprobación juego de engranes
C	Indicator switch	C Indicador de funcionamiento
D	Output shaft 1 ¼"	D Eje de salida 1 ¼"

SAE 6 Holes, forward & reverse output Type round shaft 1 ¼"

6000
Series

Pneumatic
Neumático

Part Number Breakdown Codificación PTO

6000 X J A 01 A SE

SERIES:

6000 SAE 6 holes forward & reverse
6005 SAE 6 holes forward & reverse deep mount
6800 SAE 8 holes forward & reverse

VERSIONS:

X Standard

INTERNAL RATIOS:

(C) FW 55%
RW 52%

SHIFTER TYPE:

A Air with 101 air kit
N Air without 101 air kit

INPUT GEAR:

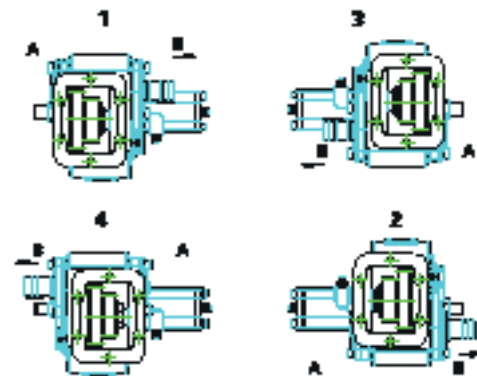
01 Fuller series (R/675)	27 Eaton / Fuller (R/692)
02 Universal (R/683)	28 Fuller (R/771)
03 Spicer (R/736)	30 Eaton / Fuller (R/698)
05 Spicer (R/677)	33 Spicer (R/697)
06 Fuller (TREMEC) (R/679)	34 Spicer (R/696)
07 Navistar (R/693)	36 New Process (R/739)
08 Spicer (R/682)	39 Warner (R/741)
09 Spicer (R/684)	41 Warner (R/743)
10 Chevy (R/678)	42 Fuller (R/770)
11 Chevy / Spicer (R/699)	50 ZF (R/700)
13 New Process (R/718)	51 Dodge (R/702)
14 Fuller (R/737)	52 Zed / F (R/700)
15 Eaton / Fuller FS-4005C/4205C (R/717)	55 Mack / Renault (R/748)
16 ZF (R/716)	56 Tremec (R/744)
17 Eaton 6305 A (R/680)	57 ZF (R/740)
18 Eaton FS 3005 / 4005 AB (R/717)	61 Ford (R/754)
20 Dodge (R/701)	64 Allison (R/752)
21 ZF S5-42/5.72 (R/676)	66 Fuller (R/862)
22 Eaton / Fuller (R/738)	67 Aisin (R/870)
23 Eaton / Fuller FS-3005 B (R/714)	68 Tremec (R/897)
24 Mack (R/695)	70 Mercedes G60 (R/956)
25 Eaton / Fuller FS 7206 A (R/715)	

OUTPUT TYPE:

SE SAE type 1 ¼ round shaft

MOUNTING POSITION:

- 1 Right, Forward
- 2 Right, Rear
- 3 Left, Forward
- 4 Left, Rear



6800 Series

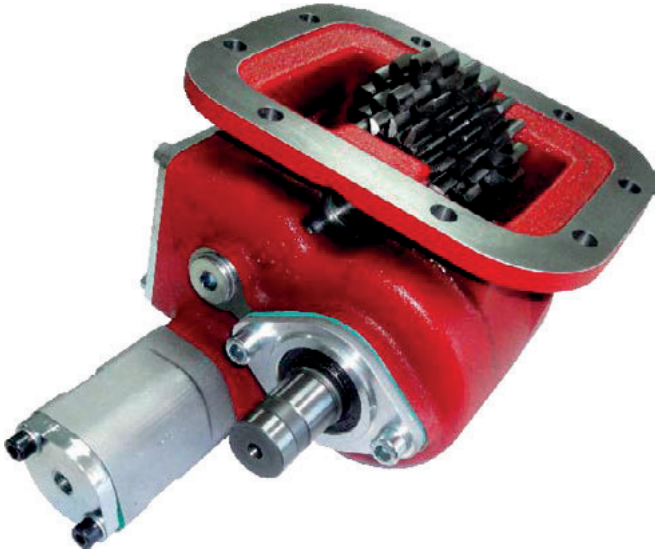
SAE 8 Holes, forward & reverse output Type round shaft 1 ¼"

Pneumatic Neumático

Description Descripción

The 6800 Series is a single, low-speed, forward and reverse PTO. It also includes pneumatic shifter Very low speed in both Forward and Reverse.

La Serie 6800 es una toma de fuerza con doble sentido de giro. Incluye de serie el accionador neumático. Muy baja relación motor - PTO tanto en giro hacia delante como hacia atrás.



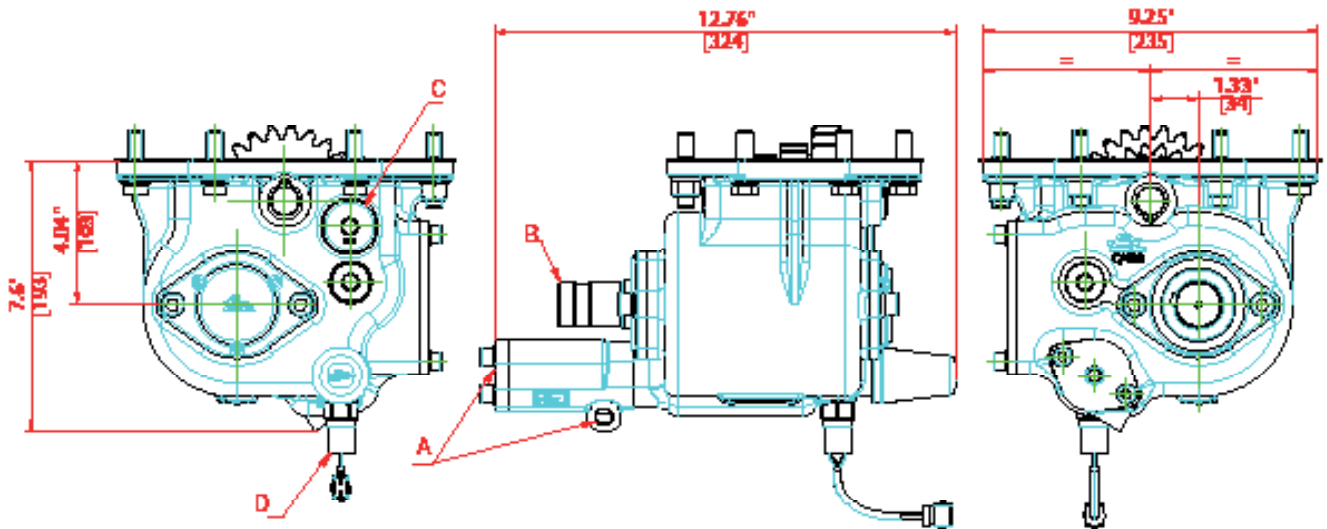
Main Data Datos Principales

Torque (Lb. Ft.) Par nominal		Continuous Continuo	150
		Intermittent Intermitente	210
Power 1000 r.p.m. Potencia a 1000 r.p.m. (HP)			30
Mounting position Lado de montaje		Bottom, Left Inferior, Izquierdo	
Weight Peso (Lb)			40
Internal ratio Relación interna	"C" Ratio	Forward Hacia delante	55%
		Reverse Hacia atrás	52%
Engine to PTO ratio Relación motor - toma de fuerza		See application book Ver libro de aplicaciones	

SAE 8 Holes, forward & reverse output
Type round shaft 1 ¼"

6800
Series

Pneumatic
Neumático



Notas		Notes	
A	Air connection, thread ¼" BSP	A	Toma de aire, rosca ¼" GAS
B	Output shaft 1 ¼"	B	Eje de salida 1 ¼"
C	Backlash check plug	C	Tapón comprobación juego de engranes
D	Indicator switch	D	Indicador de funcionamiento

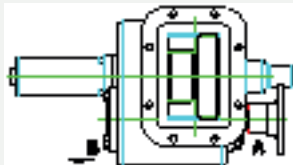
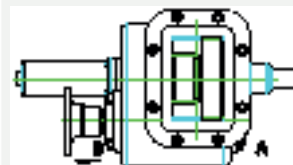
Pneumatic
Neumático



Description Descripción

The 8000 series PTO is our 8 bolt forward and reversible PTO which was designed for heavy duty, high torque winch applications. As standard, it comes with our B ratio gear option, and 1400 series companion flange output, and a integrated air shift cover. This was designed to help increase the torque, as well as extending the life of the PTO. It is also the only heavy duty forward and reversible PTO in the market that comes standard with air shift.

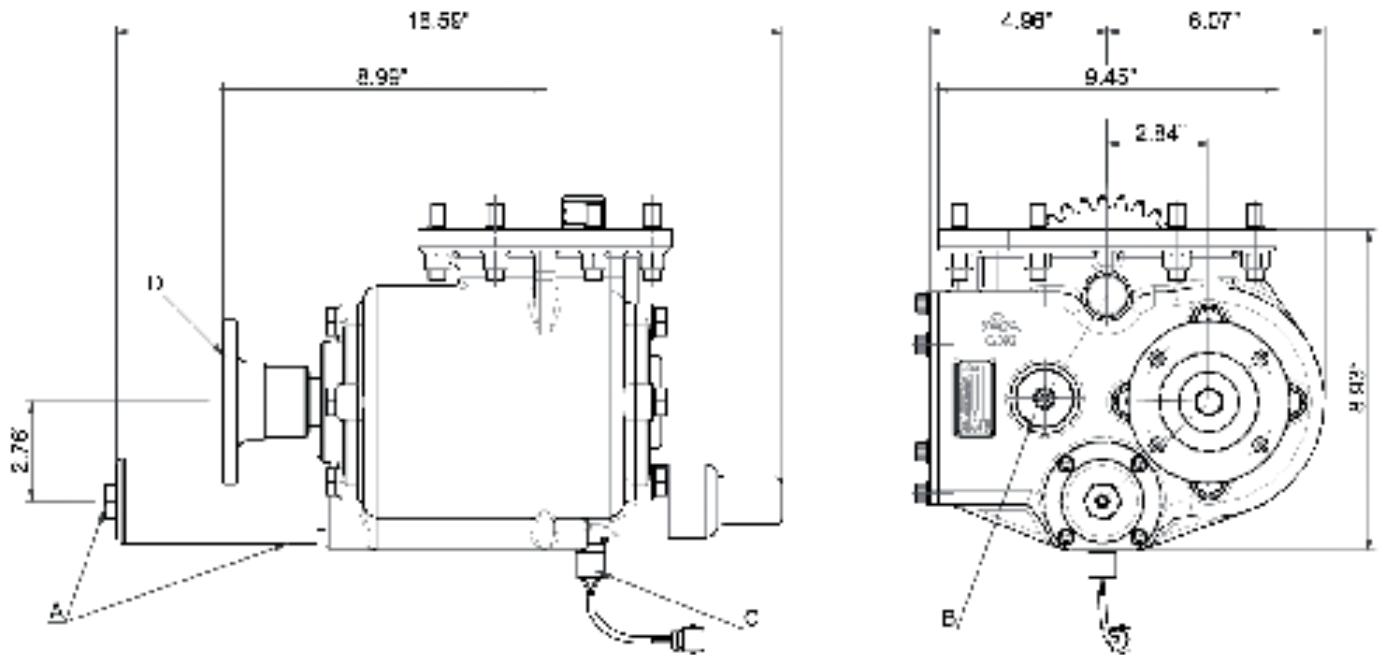
Esta Toma de fuerza ha sido diseñada para aplicaciones de trabajo pesado y es muy compacta. Está disponible con relaciones internas estándar y salida de plato. Pistón de accionamiento integrado en el PTO.

Main Data		Datos Principales		
Torque (Lb. Ft.)	Par nominal	Intermittent	Intermitente	500
Power 1000 r.p.m.	Potencia a 1000 r.p.m. (HP)			95
Weight	Peso (Lb)			88
Assembly arrangements Tipos de montaje		Arrangement 2		Arrangement 3
				
Internal ratio Relación interna	"B" Ratio	Forward	Hacia delante	60%
		Reverse	Hacia atrás	72%
Engine to PTO ratio Relación motor - toma de fuerza		See application book Ver libro de aplicaciones		

SAE 8 Holes, forward & reverse output
Type round shaft 1 ¼"

8000
Series

Pneumatic
Neumático



Notas		Notes	
A	Air connection, thread 1/8" BSP	A	Toma de aire, rosca 1/8" GAS
B	Backlash check plug	C	Tapón comprobación juego de engranes
C	Indicator switch	D	Indicador de funcionamiento
D	Drive flange (standard 1410)	D	Plato de transmisión (estándar 1410)

Pneumatic
Neumático

Part Number Breakdown Codificación PTO

8000 X B N 01 3 DA

SERIES:

8000 8 bolt, forward & reverse PTO

VERSIONS:

X Standard

INTERNAL RATIOS:

(B) Forward 60%
Reverse 72%

SHIFTER TYPE:

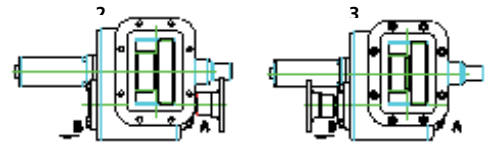
A Air with 101 air kit
N Air without 101 air kit

OUTPUT TYPE:

DA ISO 4 bolt
IC Flange SAE 1400
SE SAE type 1 ¼ round shaft
SG SAE type 1 ½ round shaft

MOUNTING POSITION:

2 Right, Rear
3 Left, Rear



INPUT GEAR:

01 Fuller series
02 Universal
24 Mack

Pneumatic
Neumático



Description Descripción

The 8500 series is our PTO designed for those applications with maximum torque and horsepower requirements. A broad range of ratios and outputs are available. It comes standard with air shift. This PTO also has the same smooth engagement design as our 4100 series which increases the gear life of the PTO.

La serie 8500 es nuestra toma de fuerza diseñada para aquellas aplicaciones con un par máximo y requerimientos de potencia. Una amplia gama de relaciones y salidas están disponibles. La versión estándar lleva accionamiento neumático. Esta toma de fuerza también tiene el mismo diseño de nuestra serie 4100 que aumenta la vida útil del engranaje de la toma de fuerza.

Main Data		Datos Principales	
Mounting position	Lado de montaje	Bottom left	Inferior izquierdo
Weight	Peso (Lb)	64	

Engine to PTO ratio (See application book)
Relación motor - Toma de Fuerza (Consultar libro de aplicaciones)

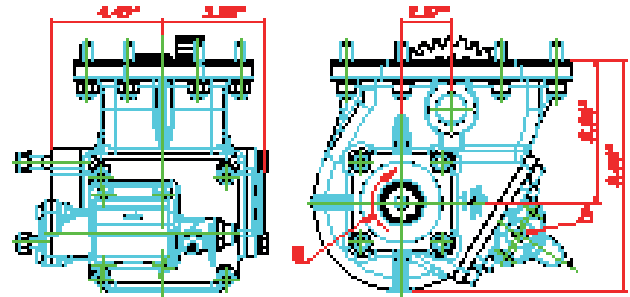
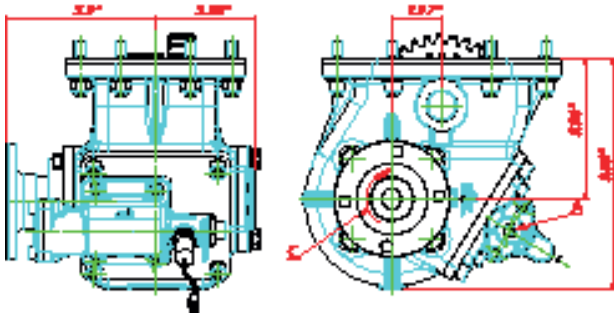
INTERNAL RATIO	INTERMITTENT SERVICE			CONTINUOUS SERVICE		
	Torque (Lb. FT)	Power (HP)		Torque (Lb. FT)	Power (HP)	
		At 500 r.p.m.	At. 1000 r.p.m.		At 500 r.p.m.	At. 1000 r.p.m.
57%(B)	500	48	95	400	38	76
70%(C)	500	48	95	400	38	76
86%(E)	480	45	90	370	35	70
105% (J)	450	43	86	340	33	65
127% (O)	400	38	76	300	28	57
137% (R)	360	34	68	270	26	52
150% (S)	320	31	62	240	23	46
164% (T)	280	27	54	210	20	40

Pneumatic
Neumático

Standard output types Tipos de salida más utilizadas

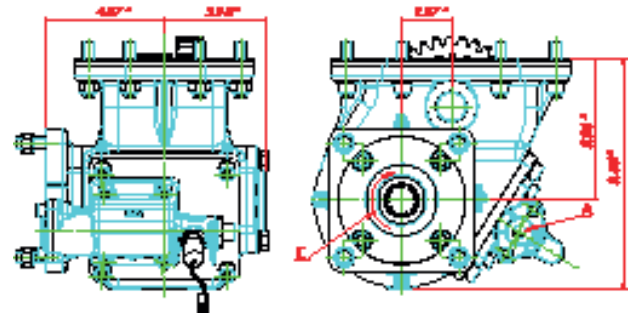
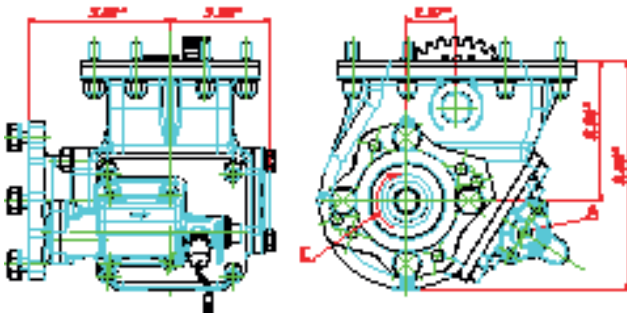
Output flange Salida plato

ISO 4 bolt ISO 4 taladros

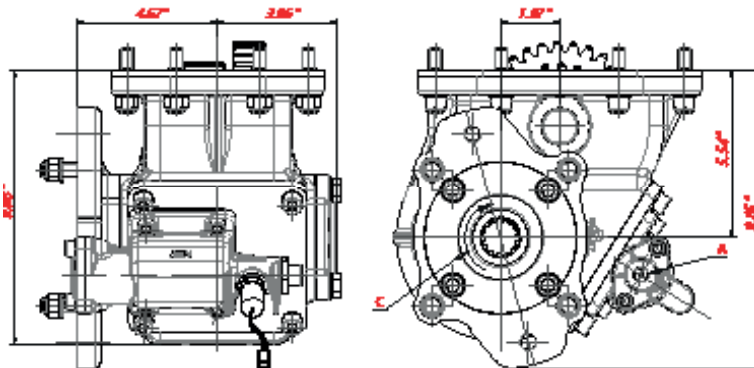


SAE "B"

SAE "C"



SAE "C" 2/4 bolt SAE "C" 2/4 taladros



Notas Notes

- A Air connections, thread 1/4" BSP
- B Rotation
- C Indicator switch

- A Tomas de aire, rosca 1/4" GAS
- B Sentido de giro
- C Indicador de funcionamiento

Pneumatic
Neumático

Part Number Breakdown Codificación PTO

8500 X J A 01 1 IC

SERIES:

8500 8 bolt, heavy duty

VERSIONS:

X Standard

RATIO: (Z=35)

1:0.57 (B)	1:1.27 (O)
1:0.70 (C)	1:1.37 (R)
1:0.86 (E)	1:1.50 (S)
1:1.05 (J)	1:1.64 (T)

SHIFTER TYPE:

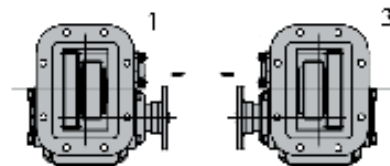
A Air with 101 Air Kit	}	902099 POS 1/4
N Air without 101 Air Kit		

OUTPUT TYPE:

DA ISO 4 bolt
IC Flange SAE 1400
RA SAE "B" 2/4 bolt 13T rotatable
RB SAE "BB" 2/4 bolt 15T rotatable
RJ SAE "C" 4 bolts
RK SAE "C" 2-4 bolts

ASSEMBLY ARRANGEMENTS:

1 Right, Forward
3 Left, Forward



INPUT GEAR:

01 Fuller series
02 Universal
24 Mack

Reverse rotation adapter SAE 6 holes Adaptador inversor de giro SAE 6 taladros

Description Descripción

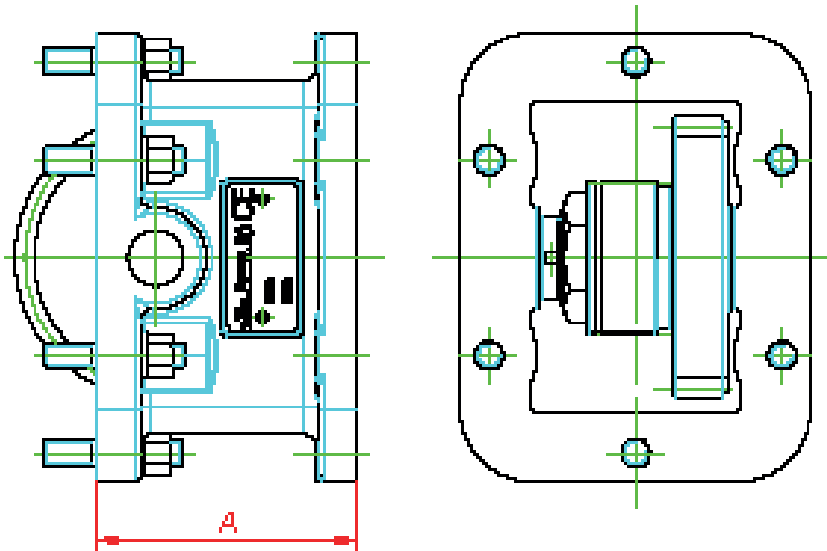
Our variety of rotation reverse adapters make possible to change the PTO rotation, and resolve any interference problem.

Nuestra variedad de adaptadores inversores de giro posibilitan cambiar, el sentido de rotación, y resolver cualquier problema de interferencias.

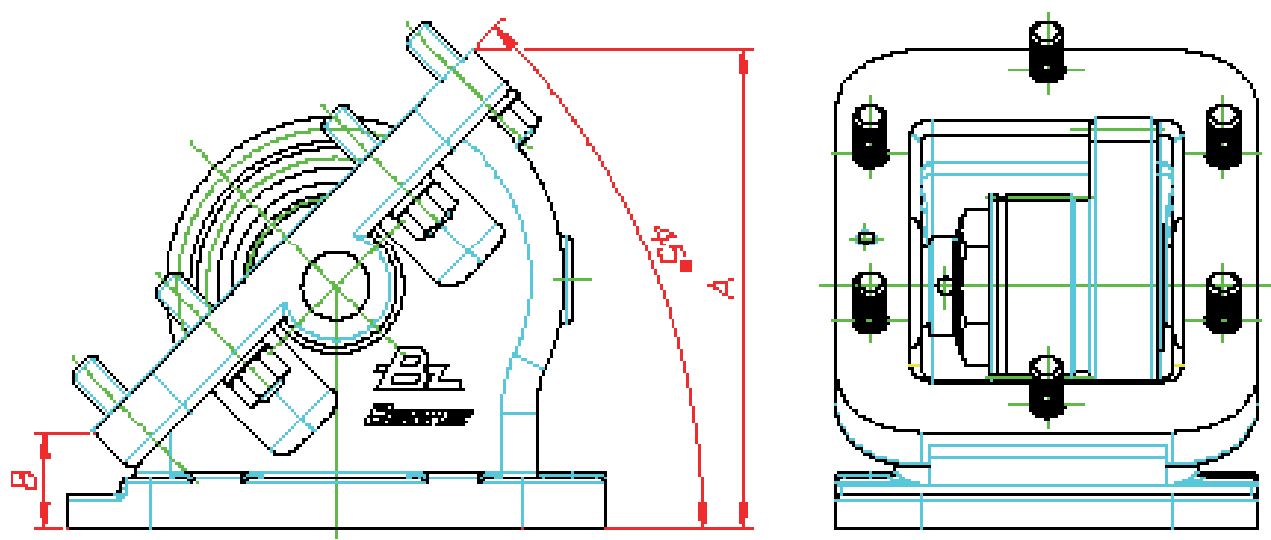


		Main Data	Datos Principales			
Adapter Kit	Kit adaptador		A	B	Weight	Peso (Lb)
Right Recto	AD 626 Series		3.64"	-		14
	AD 726 Series (deep mount)		3.42"	-		12
45°	AD 645 Series		5.61"	1.16"		14
	AD 745 Series (deep mount)		5.45"	1"		12

AD 626, AD 726 (Straight Recto)



AD 645, AD 745 (45°)





Description Descripción

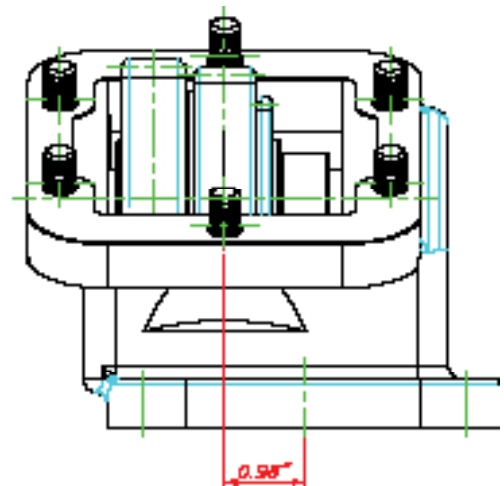
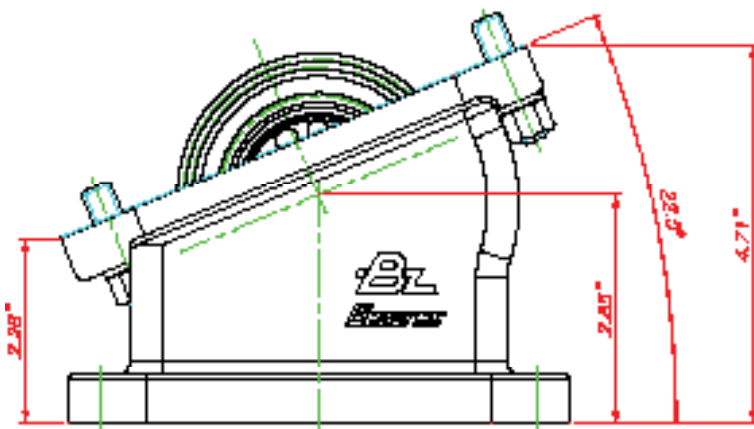
This adapter is only suitable for position 1 (right side). This adapter fits all 1000 PTO series with input gear 01*, and it permits to assembly all helical input gears to the transmission. When this adapter is used, the total engine-pto ratio is reduced to 95%.

Este adaptador sólo es adecuado para la posición 1 (lado derecho) y se ajusta a toda la serie 1000 de tomas de fuerza con engranaje 01*. Permitiendo además ensamblar cualquier engranaje de mando helicoidal a la transmisión. Cuando este adaptador sea utilizado la relación total entre motor y toma de fuerza se reducirá al 95%.

Main Data Datos Principales

Weight Peso (Lb)

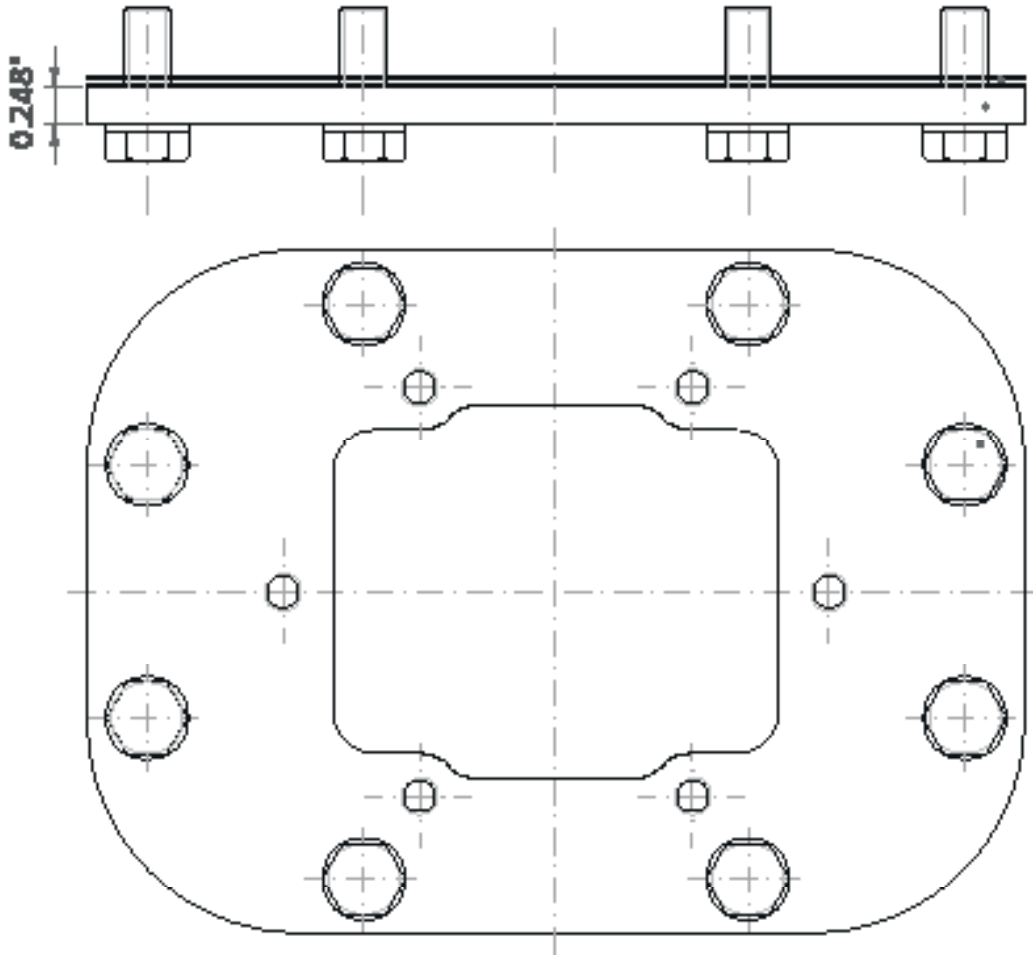
16



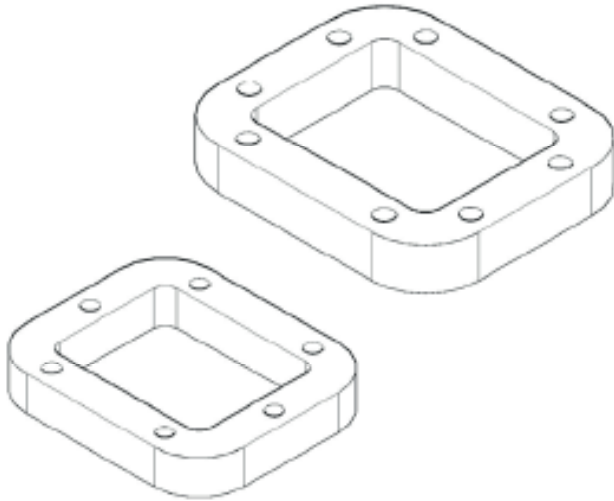
6 to 8 Bolt reducer plate

Adaptador reductor de 6 a 8 taladros.

AD68248 – 6 to 8 Bolt Reducer Plate

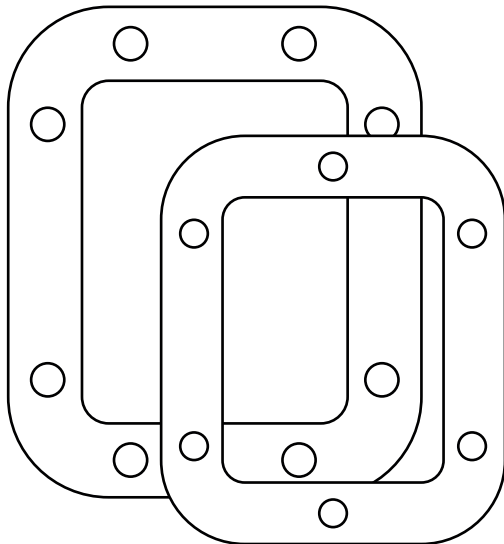


6 & 8 bolt Shims: 1000 / 1010 / 2000 / 2010 Series



PART	DESCRIPTION
6140S	6 bolt spacer. 0.140" (3.55 mm)
6165S	6 bolt spacer. 0.165" (4.19mm)
6187S	6 bolt spacer. 0.187" (4.75mm)
6200S	6 bolt spacer. 0.200" (5.08mm)
6240S	6 bolt spacer. 0.240" (6.09 mm)
6400S	6 bolt spacer. 0.400" (10.16mm)
6500S	6 bolt spacer. 0.500" (12.7 mm)
6550S	6 bolt spacer. 0.550" (13.97mm)
6562S	6 bolt spacer. 0.562" (14.275mm)
6700S	6 bolt spacer. 0.700" (17.78mm)
6800S	6 bolt spacer. 0.800" (20.32mm)
8190S	8 bolt spacer. 0.190" (4.826mm)
8248S	8 bolt spacer. 0.248" (6.29mm)
8295S	8 bolt spacer. 0.295" (7.49mm)
8600S	8 bolt spacer. 0.600" (15.24mm)
8700S	8 bolt spacer. 0.700" (17.78mm)

Gaskets



PART	DESCRIPTION
GA091	RA flange gasket
GA4015EC	End cover gasket 0.015" thick
GA4015SC	Shifter cover gasket
GA6010	6 bolt pattern .010 thickness
GA6015	6 bolt pattern .015 thickness
GA6020	6 bolt pattern .020 thickness
GA6032	6 bolt pattern .032 thickness
GA6062	6 bolt pattern .062 thickness
GA6093	6 bolt pattern .093 thickness
GA6125	6 bolt pattern .125 thickness
GA8010	8 bolt pattern .010 thickness
GA8015	8 bolt pattern .015 thickness
GA8020	8 bolt pattern .020 thickness
GA8032	8 bolt pattern .032 thickness
GA8062	8 bolt pattern .062 thickness
GA8093	8 bolt pattern .093 thickness
GA8125	8 bolt pattern .125 thickness

Stud Kits

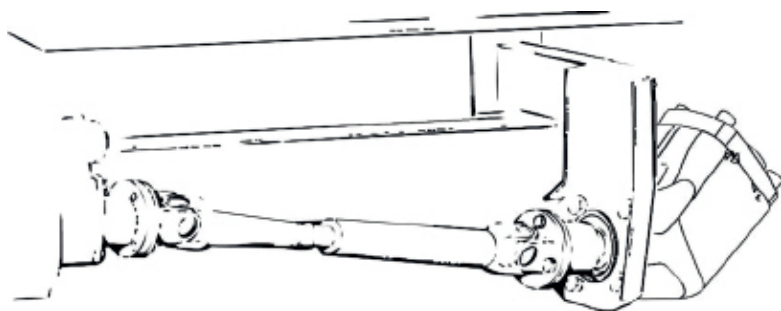
PART	DESCRIPTION	PART	DESCRIPTION
S1	6 bolt SAE mounting stud Kit - 50mm (furnished with 6 bolt pto)	M1	6 bolt metric mounting stud Kit (required on all FRO fuller transmissions)
S2	8 bolt SAE mounting stud Kit - 53mm (furnished with 8 bolt pto)	M2	8 bolt metric mounting stud Kit (required on all FRO fuller & Endurant transmissions)
S3	6 bolt SAE mounting stud Kit - 57 mm	M5	6 bolt metric mounting stud Kit
S4	8 bolt SAE mounting stud Kit	M7	6 bolt metric mounting stud Kit
S5	6 bolt SAE mounting stud Kit - 63 mm	M9	6 bolt metric mounting stud Kit
S6	8 bolt SAE mounting stud Kit	M11	6 bolt metric mounting stud Kit
S7	6 bolt SAE mounting stud Kit - 63mm	M17	6 bolt metric mounting stud Kit
S8	8 bolt SAE mounting stud Kit		
S9	6 bolt SAE mounting stud Kit		
S10	8 bolt SAE mounting stud Kit		
S11	6 bolt SAE mounting stud Kit		

Input Gears

#	Description	N° of teeth
01	6 Pitch 20° SPUR - FULLER SERIES R/675	22
02	5 Pitch 20° SPUR - UNIVERSAL R/683	19
03	6 Pitch 17° 30' SPUR - SPICER R/736	22
04	6 Pitch 25° SPUR - ALLISON CLT700 R/965	23
05	6 Pitch 17° 30' - 26° 10' 37" LH - SPICER R677	21
06	6.100 Pitch 25° - 18° 40' 48" RH - FULLER TREMEC R/679	22
07	6.540 Pitch 18° 27' 54" - 23° 26' 48" LH Å - NAVISTAR R/693	23
08	7 Pitch 17° 30' - 28° 04' 23" LH - SPICER R/682	24
09	7 Pitch 20° - 20° RH - SPICER R/684	25
10	7 Pitch 20° - 20° LH - CHEVY R/678	25
11	7.36 Pitch 20° - 24° LH - CHEVY-SPICER R/699	25
13	7.62 Pitch 18° 29' 20" - 23° 12' 57" LH - NEW PROCESS R/718	26
14	10.1 Pitch 20° SPUR - FULLER R/737	39
15	6.100 Pitch 25° - 32° 30' LH - FS4005C /4205C R/717	19
16	10.3673 Pitch 20° - 28° LH - ZF R/716	36
17	6.35 Pitch 20° - 22° LH - EATON 6305A R/680	22
18	6.100 Pitch 20° 30' - 29° LH - FS3005 /4005AB R/681	19
20	7.9375 Pitch 22° 29' 55" - 30° LH - DODGE R/701	26
21	10.16 Pitch 17° - 28° LH - S5-42/5.72 R/676	29
22	6.100 Pitch 25° - 32° 16' 48" LH - EATON FULLER R/738	18
23	5.700 Pitch 25° - 38° 42' LH - EATON FS3005B R/714	17
24	6.4800 Pitch 17° 39' 10" SPUR - MACK R/695	23

#	Description	N° of teeth
25	7.500 Pitch 22° - 15° LH - EATON FS7206A R/715	28
26	6.5 Pitch 20° - 23° LH - EATON 6105B R/918	19
27	10.10 Pitch 21° 30' SPUR - EATON FULLER R/692	40
28	7.0 Pitch 23° - 26° LH - FULLER R/771	24
30	7 Pitch 25° - 30° 46' 48" LH - EATON FULLER R/698	22
33	6 Pitch 17° 30' - 22° 15' LH - SPICER R/697	21
34	7.00 Pitch 17° 30' - 18° LH - SPICER R/696	26
36	6 Pitch 20° - 17° 40' 41" LH - NEW PROCESS R/739	22
39	8.0829 Pitch 20° - 30° LH - WARNER R/741	26
41	8.0829 Pitch 20° - 30° LH - WARNER R/743	27
42	6.649 Pitch 20° - 21° 30' LH - FULLER R/770	23
50	9.229 Pitch 20° - 36° 2' LH - ZF 6S-750 R/694	26
51	7.0 Pitch 22° 30' - 19° LH - DODGE R/702	25
52	9.96 Pitch 20° - 28° 30' LH - ZED F R/700	34
55	6.7733 Pitch 22° 30' - 23° 51' 56" LH - MACK/RENAULT R/748	23
57	6.35 Pitch 20° SPUR - ZED F R/740	23
60	6.004 Pitch 20° SPUR - ALLISON	25
61	9.236 Pitch 20° - 36° LH - FORD R/754	26
63	10.16 Pitch 20° - 19° 15' 22" RH - ALLISON WORLD TRANS	49
64	6.864 Pitch 20° SPUR - ALLISON 1000/2000/2400 series	26
65	14.229 Pitch 0° 17' 59" SPUR - FORD TorqueShift 3900 Series	57
66	8.38 Pitch 17° 30' - 33° 6' LH - FULLER R/862	27
67	8.466 Pitch 20° SPUR - AISIN	32
68	8.10 Pitch 20° - 29° 28' 12" LH - TREMEC R/897	27
69	9.407 Pitch 17° 30' - 26° 28' LH - 1200 Series Dodge G-56	32
70	8.03 Pitch 17° 30' - 29° 57' 58" LH - MERCEDES G60 R/956	28
72	9.719 Pitch 19° SPUR - EATON RTS11909 G/054	38
73	9.547 Pitch 20° - 19° 44' 6" LH - CATERPILLAR CX28/31/35	45
75	8.048 Pitch 20° - 28° 58' RH - EATON ENDURANT G/210	27

Universal Joint Angles



Shaft Speed (r.p.m.)	Max. Operating Angle
500	11°30'
1000	11°30'
1500	11°30'
2000	8°40'
2500	7°00'
3000	5°50'

Universal Joint Torques

Size	1000	1280	1310	1410
Torque Lb.Ft (Nm)	160 (215)	320 (430)	500 (680)	660 (890)

*Driveshaft applications are dependent on many factors such as: torque, shaft length, cardan series and speed.

Suggested PTO Percentages

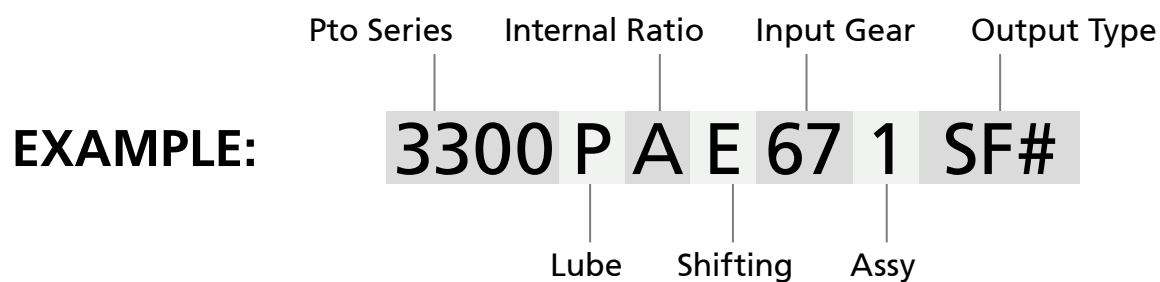
TYPE	Engine r.p.m.	PTO %
Aerial ladder and platforms	800-1500	80-130
Aerial bucket manlifts	800-1200	80-130
Aerial cranes digger derricks	800-1200	80-130
Auto carriers	idle	125-210
Auto tow trucks	idle-120	90-120
Heavy-duty tow trucks	1000-1500	90-130
AIR COMPRESSORS		
85 ft. per min capacity	1200-2000	100
125 ft. per min capacity	1200-2000	100
180 ft. per min capacity	1200-2000	100
Blowers pneumatic (Normally uses 1 ¼" round shaft)	1500-3500	150-250
DUMP BODIES		
Small single axle	1000-2000	50-80
Medium single-tandem	1000-2000	80-100
Large tri-axle	1000-2000	60-130
Dump trailers	1000-2000	80-130
Dump trailers with moving floor	1000-1800	80-130
HYDRAULIC PUMPS		
1-15 gpm	idle-3000	80-130
16-35 gpm	idle-3000	80-130
36+ gpm	idle-3000	80-130
PRODUCT PUMPS		
Refuse	1000-1800	80-130
Snow plows	1000-3000	60-90
Spreaders mechanical	1200-2500	45-60
Spreaders hydraulic	1200-2500	75-90
Tailgates	idle	60-75
Walking floors	1000-1500	125-175
WINCHES (see hydraulic pumps)		

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Aisin Index

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MO35A4	96
MO36A6	96
MY600	96



450-43LE



A443

A443E

A445

MO35A4

AIS.01

6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000	B (55)				250	49	M1A	(A11,3)		ENG	67	
	C (73)			112	250	49	M1A	(A11,3)		ENG	67	
3300	Z (40)				250	49	M1A	(A11,3)		ENG	67	
	A (50)			76	250	49	M1A	(A11,3)		ENG	67	
	B (55)				250	49	M1A	(A11,3)		ENG	67	
	C (73)			112	250	49	M1A	(A11,3)		ENG	67	

GENERAL NOTES:

All Aisin transmissions require special metric mounting studs, m10-1.25 X 50mm (bz#117020053) and special hose kits to fit the transmission pressure and lube ports. There is limited direct mount pump clearance.

FOOT NOTES:

A11: Requires Lube Hose assembly PLH399A (BZ #9041399) and Pressure Hose (for electric/hydraulic shift) assembly PLH499A (BZ #9041499).
A13: PTO speeds will vary due to Torque Converter slippage.


A465

AX45X2

MO36A6

MY600

AIS.02

6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
3300	Z (40)				250	49	M1A	(A11,3)	GA6032	ENG	67	
	A (50)			108	250	49	M1A	(A11,3)	GA6032	ENG	67	
	B (55)				250	49	M1A	(A11,3)	GA6032	ENG	67	
	C (73)			157	250	49	M1A	(A11,3)	GA6032	ENG	67	

GENERAL NOTES:

All Aisin transmissions require special metric mounting studs, m10-1.25 X 50mm (bz#117020053) and special hose kits to fit the transmission pressure and lube ports. There is limited direct mount pump clearance.

FOOT NOTES:



A11: Requires Lube Hose assembly PLH399A (BZ #9041399) and Pressure Hose (for electric/hydraulic shift) assembly PLH499A (BZ #9041499).
A13: PTO speeds will vary due to Torque Converter slippage.

For complete part numbers, consult the PTO Series section (page 25)

AS68RC

AS69RC

AIS.03

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
3300		Z (40)			250	49	M1A	DODGE (AI1,2,3)		ENG	67	
		A (50)		108	250	49	M1A	DODGE (AI1,2,3)		ENG	67	
		B (55)			250	49	M1A	DODGE (AI1,2,3)		ENG	67	
		C (73)		157	250	49	M1A	DODGE (AI1,2,3)		ENG	67	

GENERAL NOTES:

All Aisin transmissions require special metric mounting studs, m10-1.25 X 50mm (bz#117020053) and special hose kits to fit the transmission pressure and lube ports. There is limited direct mount pump clearance. Dodge-Converter lock up at 1200 RPM engine. PTO aperture added to driver's side, which requires a special low profile PTO. Use the same PTO drive gear for both sides/apertures as AS68RC.

FOOT NOTES:

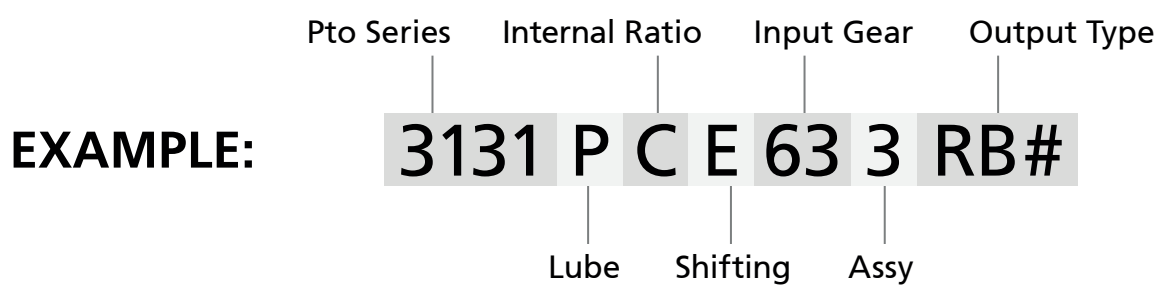
- AI1:** Requires Lube Hose assembly PLH399A (BZ #9041399) and Pressure Hose (for electric/hydraulic shift) assembly PLH499A (BZ #9041499).
- AI2:** Clearance for PTO and pump mounting is very limited. Check installation envelope before attempting installation.
- AI3:** PTO speeds will vary due to Torque Converter slippage.

//////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //////////////////////////////////////






Allison Index

Transmission Model	Pag.	Transmission Model	Pag.	Transmission Model	Pag.
1000	100	CLBT-750(OPT.8BOLT)	107	MT-644CR	106
1000 EVS	100	CLBT-754	104	MT-647	106
1000 MH	100	CLT-750	104	MT-648	106
1000 RDS	100	CLT-750(OPT.8BOLT)	107	MT-650	106
2000	100	CLT-9485	106	MT-653	106
2100 EVS	100	CLT-9880	106	MT-653DR	106
2100 MH	100	CLT-9884	106	MT-654	106
2100 RDS	100	CLT-9885	106	S-5600	103
2200 EVS	100	HD-4060P	102	S-6600	103
2200MH	100	HD-4070P	102	S-8610	106
2200 RDS	100	HD-4560P	102	S-9600	106
2300 RDS	100	HT-740CRD	104	S-9800	106
2400	100	HT-740D	104		
2500 EVS	100	HT-740D(OPT.8BOLT)	107		
2500 MH	100	HT-740DRD	104		
2500 RDS	100	HT-740T	104		
3000 EVS	101	HT-750CRD	104		
3000 MH	101	HT-750CRD(OPT.8BOLT)	107		
3000 RDS	101	HT-750D	104		
3000 TRV	101	HT-750DP	104		
3200 TRV	101	HT-750DRD	104		
3500 EVS	101	HT-750DRD(OPT.8BOLT)	107		
3500 RDS	101	HT-750DT	104		
4000 EVS	102	HT-750HT	104		
4000 MH	102	HT-750T	104		
4000 RDS	102	HT-754CR	104		
4000 TRV	102	HT-754CR(OPT.8BOLT)	107		
4500 EVS	102	M-5600	103		
4500 RDS	102	M-5610	103		
4700 EVS	102	M-6600	103		
4700 OFS	102	M-8610	106		
4700 RDS	102	M-9600	106		
4800 EVS	102	M-9800	106		
AT-540	103	MD-3060P	101		
AT-542	103	MD-3060P W/ Top opening	105		
AT-543	103	MD-3066P	101		
AT-545	103	MD-3066P W/ Top opening	105		
B210	100	MD-3070PT	101		
B220	100	MD-3560P	101		
B300	101	MD-3560P W/ Top opening	105		
B400	101	MT-640	106		
B500	102	MT-643	106		
CLBT-750	104	MT-644	106		



1000	1000 MH	2100 RDS	2200 RDS	2400	2500 RDS	ALL.01
1000 EVS	2000	2100 MH	2200MH	2500 EVS	B210	
1000 RDS	2100 EVS	2200 EVS	2300 RDS	2500 MH	B220	

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1000	B (55)		135	250	49	M1	(A2,3,4,5,6,7,8,9,10,11)	6140 SHIM	ENG	64	
	3300	Z (40)		99	250	49	M1	(A2,3,4,5,6,7,8,9,10,11)	6140 SHIM	ENG	64	
		A (50)		123	250	49	M1	(A2,3,4,5,6,7,8,9,10,11)	6140 SHIM	ENG	64	
		B (55)		135	250	49	M1	(A2,3,4,5,6,7,8,9,10,11)	6140 SHIM	ENG	64	

GENERAL NOTES:

When using 1000 series on Allison, light gear noise could develop.

Allison transmission identification:

Transmissions are now identified by the first 4 digits of the serial number on the tag:

6310 = All 1000 & 2000 series

6510 = All 3000 & md series

6610 = All 4000 & hd series

Generation 5 models have a converter lock up default of 1150 RPM engine speed. TCM's converter lock up can be set down to 900 RPM of engine.

FOOT NOTES:

- A2:** Must include proper "T" adapter fitting for pressure-lube hook-up into the cooler line:
MT600 Series Transmissions: FI401 (BZ #202120401)
AT500 Series Transmissions: FI511 (BZ #202120511)
HT700/CLT700/CLBT700 Series: FI521 (BZ #202120521)
1000/2000/B210/B220 Series: FI831 (BZ #202122831)
- A3:** Speeds shown are with transmission in torque converter lock-up. A PTO must be connected to the "PTO Enable" circuit (refer to Allison Body-Builders guide) and the converter turbine speed must be above 1100 RPM in order to achieve lock-up.
- A4:** May not be installable on GM Pick-Up Chassis.
- A5:** PTO interferes with exhaust on Right Side opening of C4500 & C5500 series Top Kick or Kodiak chassis.
- A6:** Transmission PTO drive gear has a 250 lb/ft torque limit. That limit drops to 200 lb/ft per opening when 2 PTO's are used and lower the PTO torque ratings by 20%.
- A7:** Use the "3" assembly arrangement on the Right Side for the International 4300 series chassis.
- A8:** For Isuzu, Nissan, and Mitsubishi chassis prior to 2007 use "3" assembly and direct mount pump (only) on the Right Side. Use Left Side opening for 2007 and later.
- A9:** PTO is not installable on the Left Side opening of the GM 2001-2007 cab-chassis C/K3600 (Silverado & Sierra).
- A10:** Possible installation interference with transmission shift selector on Left Side. A Contact vehicle manufacturer for recommendations for moving the control cable. A Utilize the "1" assembly for Ford F650 and F750 chassis.
- A11:** Use Right Side opening on Isuzu, Nissan, & Mitsubishi chassis prior to 2007. Also, use Right Side on International 4000 series.

////////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //

3000 EVS
3000 MH

3000 RDS
3000 TRV

3200 TRV
3500 EVS

3500 RDS
B300

B400
MD-3060P

MD-3066P
MD-3070PT

MD-3560P

ALL.02

10 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy	
			Low	High									
3100		B (52)		73	400	76	INCL			ENG	63		
		C (60)		82	375	71	INCL			ENG	63		
		E (68)		94	350	66	INCL			ENG	63		
		G (81)		112	330	62	INCL			ENG	63		
		J (86)		120	320	60	INCL			ENG	63		
		M (97)		134	305	58	INCL			ENG	63		
		O (118)		163	290	55	INCL			ENG	63		
3131		B (50)		69	500	97	INCL			ENG	63		
		C (58)		80	500	97	INCL			ENG	63		
		E (68)		94	450	88	INCL			ENG	63		
		G (78)		108	420	80	INCL			ENG	63		
		J (84)		117	400	76	INCL			ENG	63		
		M (97)		134	380	72	INCL			ENG	63		
		O (119)		165	350	66	INCL			ENG	63		
3151		B (50)		69	500	97	INCL			ENG	63		
		C (58)		80	500	97	INCL			ENG	63		
		E (68)		94	450	88	INCL			ENG	63		
		G (78)		108	420	80	INCL			ENG	63		
		J (84)		117	400	76	INCL			ENG	63		
		M (97)		135	380	72	INCL			ENG	63		
		O (119)		165	350	66	INCL			ENG	63		
3252		B (54)		75	410	78	INCL			ENG	63		
		C (59)		82	400	76	INCL			ENG	63		
		E (70)		97	380	72	INCL			ENG	63		
		G (76)		105	360	68	INCL			ENG	63		
		J (82)		114	340	65	INCL			ENG	63		
		M (96)		133	320	61	INCL			ENG	63		
		O (122)		169	270	51	INCL			ENG	63		

GENERAL NOTES:

When using 1000 series on Allison light gear noise could develop.

Allison transmission identification:

Transmissions are now identified by the first 4 digits of the serial number on the tag:

6310 = All 1000 & 2000 series

6510 = All 3000 & md series

6610 = All 4000 & hd series

//////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //////////////////////////////////////



Allison

Allison

4000 EVS
4000 MH
4000 RDS






4000 TRV
4500 EVS
4500 RDS

4700 EVS
4700 OFS
4700 RDS

4800 EVS
B500
HD-4060P

HD-4070P
HD-4560P

ALL.03

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
3100		B (52)		103	400	76	INCL			ENG	63	
		C (60)		118	375	71	INCL			ENG	63	
		E (68)		134	350	66	INCL			ENG	63	
		G (81)		160	330	62	INCL			ENG	63	
		J (86)		170	320	60	INCL			ENG	63	
		M (97)		191	305	58	INCL			ENG	63	
		O (118)		233	290	55	INCL			ENG	63	
3131		B (50)		99	500	97	INCL			ENG	63	
		C (58)		115	500	97	INCL			ENG	63	
		E (68)		135	450	88	INCL			ENG	63	
		G (78)		154	420	80	INCL			ENG	63	
		J (84)		166	400	76	INCL			ENG	63	
		M (97)		191	380	72	INCL			ENG	63	
		O (119)		236	350	66	INCL			ENG	63	
3151		B (50)		99	500	97	INCL			ENG	63	
		C (58)		115	500	97	INCL			ENG	63	
		E (68)		135	450	88	INCL			ENG	63	
		G (78)		154	420	80	INCL			ENG	63	
		J (84)		166	400	76	INCL			ENG	63	
		M (97)		192	380	72	INCL			ENG	63	
		O (119)		236	350	66	INCL			ENG	63	
3252		B (54)		107	410	78	INCL			ENG	63	
		C (59)		117	400	76	INCL			ENG	63	
		E (70)		139	380	72	INCL			ENG	63	
		G (76)		150	360	68	INCL			ENG	63	
		J (82)		162	340	65	INCL			ENG	63	
		M (96)		190	320	61	INCL			ENG	63	
		O (122)		242	270	51	INCL			ENG	63	

GENERAL NOTES:

When using 1000 series on Allison light gear noise could develop.

Allison transmission identification:

Transmissions are now identified by the first 4 digits of the serial number on the tag:

6310 = All 1000 & 2000 series



6510 = All 3000 & md series

6610 = All 4000 & hd series

////////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //



AT-540 AT-542 AT-543 AT-545 ALL.04

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
3000		B (35)		77	310	59	INCL	(A2)		ENG	60	
		C (44)		97	310	59	INCL	(A2)		ENG	60	
		E (49)		107	280	53	INCL	(A2)		ENG	60	

GENERAL NOTES:

When using 1000 series on Allison light gear noise could develop.

Allison transmission identification:

Transmissions are now identified by the first 4 digits of the serial number on the tag:






- 6310 = All 1000 & 2000 series
- 6510 = All 3000 & md series
- 6610 = All 4000 & hd series

FOOT NOTES:

A2: Must include proper "T" adapter fitting for pressure-lube hook-up into the cooler line:

- MT600 Series Transmissions: FI401 (BZ #202120401)
- AT500 Series Transmissions: FI511 (BZ #202120511)
- HT700/CLT700/CLBT700 Series: FI521 (BZ #202120521)
- 1000/2000/B210/B220 Series: FI831 (BZ #202122831)

M-5600 M-5610 M-6600 S-5600 S-6600 ALL.05

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)		90	250	49	INCL	(A1)		ENG	04	
		B (55)		99	250	49	INCL	(A1)		ENG	04	
		C (73)		132	250	49	INCL	(A1)		ENG	04	
2000		A (50)		107	250	49	INCL	(A1)		ENG	04	
		B (55)		118	250	49	INCL	(A1)		ENG	04	
		C (73)		157	250	49	INCL	(A1)		ENG	04	
3600		B (33)		65	310	59	INCL			OPP	04	
		C (42)		83	310	59	INCL			OPP	04	
		E (50)		99	280	53	INCL			OPP	04	
3600		B (33)		62	310	59	INCL			OPP	04	
		C (42)		79	310	59	INCL			OPP	04	
		E (50)		94	280	53	INCL			OPP	04	

GENERAL NOTES:

When using 1000 series on Allison light gear noise could develop.

Allison transmission identification:

Transmissions are now identified by the first 4 digits of the serial number on the tag:

- 6310 = All 1000 & 2000 series
- 6510 = All 3000 & md series
- 6610 = All 4000 & hd series

FOOT NOTES:

A1: Engine must be turned off before engaging or disengaging a mechanically (air, cable, electric) shifted PTO. Does not apply to Hot Shift (Clutch Shift) PTOs.

For complete part numbers, consult the PTO Series section (page 25)



Allison

Allison

CLBT-750
CLBT-754
CLT-750



HT-740CRD
HT-740D
HT-740DRD

HT-740T
HT-750CRD
HT-750D

HT-750DP
HT-750DRD
HT-750DT

HT-750HT
HT-750T
HT-754CR

ALL.06

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
3000		B (35)		109	310	59	INCL	(A2)		ENG	60	
		C (44)		137	310	59	INCL	(A2)		ENG	60	
		E (49)		152	280	53	INCL	(A2)		ENG	60	

GENERAL NOTES:

When using 1000 series on Allison light gear noise could develop.

Allison transmission identification:

Transmissions are now identified by the first 4 digits of the serial number on the tag:

- 6310 = All 1000 & 2000 series
- 6510 = All 3000 & md series
- 6610 = All 4000 & hd series

FOOT NOTES:

- A2:** Must include proper "T" adapter fitting for pressure-lube hook-up into the cooler line:
- MT600 Series Transmissions: FI401 (BZ #202120401)
 - AT500 Series Transmissions: FI511 (BZ #202120511)
 - HT700/CLT700/CLBT700 Series: FI521 (BZ #202120521)
 - 1000/2000/B210/B220 Series: FI831 (BZ #202122831)

//////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //////////////////////////////////////

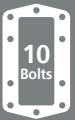






MD-3060P W/ Top opening

MD-3066P W/ Top opening

MD-3560P W/ Top opening

ALL.07

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
3100		B (52)		88	400	76	INCL			ENG	63	
		C (60)		101	375	71	INCL			ENG	63	
		E (68)		115	350	66	INCL			ENG	63	
		G (81)		137	330	62	INCL			ENG	63	
		J (86)		146	320	60	INCL			ENG	63	
		M (97)		164	305	58	INCL			ENG	63	
		O (118)		199	290	55	INCL			ENG	63	
3131		B (50)		85	500	97	INCL			ENG	63	
		C (58)		98	500	97	INCL			ENG	63	
		E (68)		115	450	88	INCL			ENG	63	
		G (78)		132	420	80	INCL			ENG	63	
		J (84)		142	400	76	INCL			ENG	63	
		M (97)		164	380	72	INCL			ENG	63	
		O (119)		201	350	66	INCL			ENG	63	
3151		B (50)		85	500	97	INCL			ENG	63	
		C (58)		98	500	97	INCL			ENG	63	
		E (68)		115	450	88	INCL			ENG	63	
		G (78)		132	420	80	INCL			ENG	63	
		J (84)		142	400	76	INCL			ENG	63	
		M (97)		164	380	72	INCL			ENG	63	
		O (119)		201	350	66	INCL			ENG	63	
3252		B (54)		91	410	78	INCL			ENG	63	
		C (59)		100	400	76	INCL			ENG	63	
		E (70)		118	380	72	INCL			ENG	63	
		G (76)		129	360	68	INCL			ENG	63	
		J (82)		139	340	65	INCL			ENG	63	
		M (96)		163	320	61	INCL			ENG	63	
		O (122)		207	270	51	INCL			ENG	63	

GENERAL NOTES:

When using 1000 series on Allison light gear noise could develop.

Allison transmission identification:

Transmissions are now identified by the first 4 digits of the serial number on the tag:

6310 = All 1000 & 2000 series

6510 = All 3000 & md series

6610 = All 4000 & hd series

For complete part numbers, consult the PTO Series section (page 25)



MT-640 MT-644 MT-647 MT-650 MT-653DR ALL.08
 MT-643 MT-644CR MT-648 MT-653 MT-654

6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000	B (55)		160	250	49	INCL	(A2)		ENG	01		
												3000
3000	C (44)	112	310	59	INCL	(A2)	ENG	60				
	E (49)	125	280	53	INCL	(A2)	ENG	60				

GENERAL NOTES:

When using 1000 series on Allison light gear noise could develop.
Allison transmission identification: Transmissions are now identified by the first 4 digits of the serial number on the tag:
 6310 = All 1000 & 2000 series
 6510 = All 3000 & md series
 6610 = All 4000 & hd series

FOOT NOTES:

A2: Must include proper "T" adapter fitting for pressure-lube hook-up into the cooler line:
 MT600 Series Transmissions: FI401 (BZ #202120401)
 AT500 Series Transmissions: FI511 (BZ #202120511)
 HT700/CLT700/CLBT700 Series: FI521 (BZ #202120521)
 1000/2000/B210/B220 Series: FI831 (BZ #202122831)

CLT-9485 CLT-9884 M-8610 M-9800 S-9600
 CLT-9880 CLT-9885 M-9600 S-8610 S-9800 ALL.09

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy							
			Low	High															
2000	A (50)		116	250	49	INCL	(A1)		ENG	04									
												B (55)	128	250	49	INCL	(A1)	ENG	04
												C (73)	170	250	49	INCL	(A1)	ENG	04
3600	B (50)		128	250	49	INCL	(A1)		ENG	04									
												C (55)	141	310	49	INCL	(A1)	ENG	04
												E (73)	187	280	49	INCL	(A1)	ENG	04

GENERAL NOTES:

When using 1000 series on Allison light gear noise could develop.
Allison transmission identification: Transmissions are now identified by the first 4 digits of the serial number on the tag:
 6310 = All 1000 & 2000 series
 6510 = All 3000 & md series
 6610 = All 4000 & hd series

FOOT NOTES:

A1: Engine must be turned off before engaging or disengaging a mechanically (air, cable, electric) shifted PTO. Does not apply to Hot Shift (Clutch Shift) PTOs.






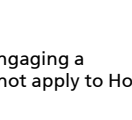
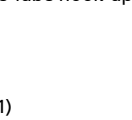






For complete part numbers, consult the PTO Series section (page 25)

CLBT-750(OPT.8BOLT)
CLT-750(OPT.8BOLT)

HT-740D(OPT.8BOLT)
HT-750CRD(OPT.8BOLT)

HT-750DRD(OPT.8BOLT)
HT-754CR(OPT.8BOLT)

ALL.10

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000	A (50)			73	250	49	INCL	(A1,2)		ENG	04	
	B (55)			81	250	49	INCL	(A1,2)		ENG	04	
	C (73)			107	250	49	INCL	(A1,2)		ENG	04	
2000	A (50)			42	250	49	INCL	(A1,2)		ENG	04	
	B (55)			46	250	49	INCL	(A1,2)		ENG	04	
	C (73)			62	250	49	INCL	(A1,2)		ENG	04	
3600	B (33)			77	310	59	INCL	(A2)		OPP	04	
	C (42)			98	310	59	INCL	(A2)		OPP	04	
	E (50)			117	280	53	INCL	(A2)		OPP	04	
3600	B (33)			45	310	59	INCL	(A2)		OPP	04	
	C (42)			57	310	59	INCL	(A2)		OPP	04	
	E (50)			68	280	53	INCL	(A2)		OPP	04	

GENERAL NOTES:

When using 1000 series on Allison light gear noise could develop.

Allison transmission identification: Transmissions are now identified by the first 4 digits of the serial number on the tag:

- 6310 = All 1000 & 2000 series
- 6510 = All 3000 & md series
- 6610 = All 4000 & hd series

FOOT NOTES:

- A1:** Engine must be turned off before engaging or disengaging a mechanically (air, cable, electric) shifted PTO. Does not apply to Hot Shift (Clutch Shift) PTOs.
- A2:** Must include proper "T" adapter fitting for pressure-lube hook-up into the cooler line:
 MT600 Series Transmissions: FI401 (BZ #202120401)
 AT500 Series Transmissions: FI511 (BZ #202120511)
 HT700/CLT700/CLBT700 Series: FI521 (BZ #202120521)
 1000/2000/B210/B220 Series: FI831 (BZ #202122831)

////////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //



Chevrolet




CH-465

GM-20

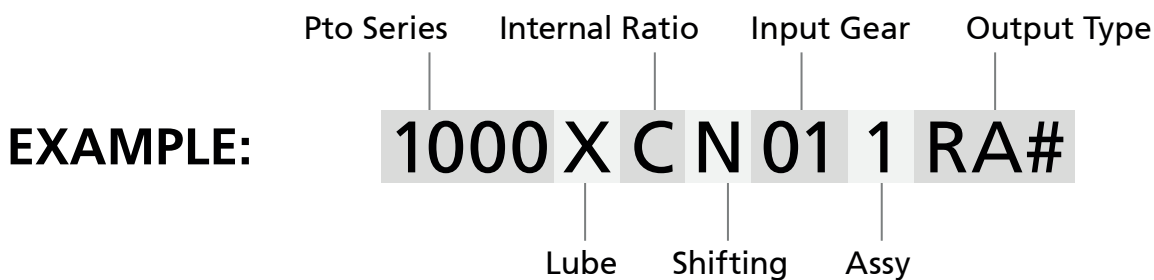
M-20

SM-465

CHVR.01

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000	B (55)			38	250	49	INCL	4-SPEED 1968-91		OPP	11	
	C (73)			51	250	49	INCL	4-SPEED 1968-91		OPP	11	
	E (86)			61	225	44	INCL	4-SPEED 1968-91		OPP	11	
	J (95)			66	225	44	INCL	4-SPEED 1968-91		OPP	11	
	O (125)			87	200	39	INCL	4-SPEED 1968-91		OPP	11	
	R (137)			95	200	39	INCL	4-SPEED 1968-91		OPP	11	
	S (150)			104	190	37	INCL	4-SPEED 1968-91		OPP	11	
	T (165)			115	175	34	INCL	4-SPEED 1968-91		OPP	11	
6000	Forward (73)			51	150	30	INCL	4-SPEED 1968-91		BOTH	11	
	Reverse (83)			58	150	30	INCL	4-SPEED 1968-91		BOTH	11	

////////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //





Ford

5R110W Torqshift 4X2 & 4X4 (Diesel 2003-2004)

5R110W Torqshift 4X2 (2005 & Later)

FRD.01

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
3900		E (68)		148	120	23	INCL	(FD1,2)		OPP	65	



FOOT NOTES:

FD1: Minimum Engine Speed for PTO Operation is 1200 RPM.

FD2: Direct Mount Pump Input is limited to SAE A flange.

6R140 Torqshift 4x2 OR 4x4 (2011 & Later - Diesel only)

FRD.02

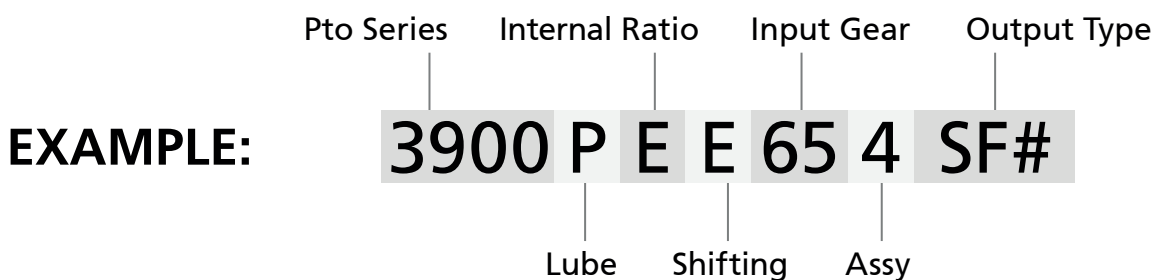
	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
3920		E (83)		125	200	23	INCL	(FD1,2)		OPP	71	

FOOT NOTES:

FD1: Minimum Engine Speed for PTO Operation is 1200 RPM.

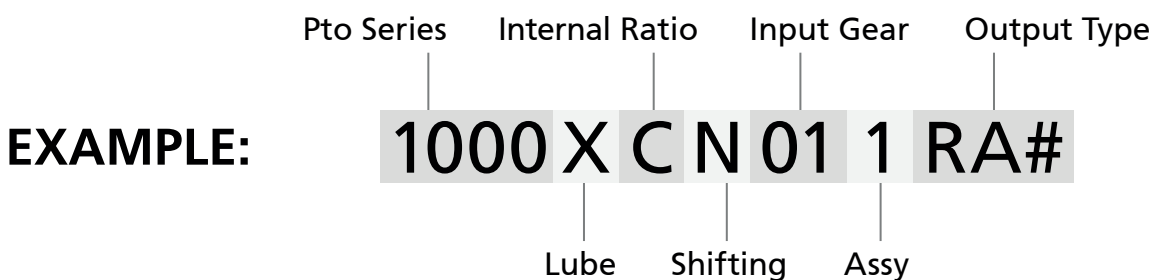
FD2: Direct Mount Pump Input is limited to SAE A flange.

For complete part numbers, consult the PTO Series section (page 25)



Eaton Fuller Index

Transmission Model	Pag.	Transmission Model	Pag.	Transmission Model	Pag.	Transmission Model	Pag.
4106 DT A (Rear opening)	116	FAO-16810C	185	FR-9210B	161	FS-5005A	122
4106 DT B (Rear opening)	116	FAOM-14810C	185	FR-11210B	161	FS-5005B	144
4106 OD	117	FAOM-15810C	185	FR-12210B	161	FS-5005C	145
AT-1202	210	F-LO-15410C-T2	160	FR-13210B	161	FS-5005D	122
EH-6E606A-CD	164	FM-14D310B-LST	166	FR-14210B	161	FS-5106A	136
EH-8E306A-CD/T/U/UP/UPG	164	FM-14E310B-LAS	166	FR-15210B	161	FS-5205A	122
ESO-9306A F-5405B-DM3	164	FM-15D310B-LST	166	FRLO-14410C/C-T2	160	FS-5205B	144
ET-16109	222	FM-15E310B-LAS	166	FRLO-15410C	160	FS-5205C	145
ET-16110	222	FO-6E318B-MXP	179	FRLO-16410C/C-T2	160	FS-5206A (Rear opening)	116
ET-16113	223	FO-10E310C-VAS	179	FRLO-18410C-T2	160	FS-5206B (Rear opening)	116
ET-18109	222	FO-12E310C-VAS	179	FRO-9210B	203	FS-5306A/X	136
ET-18110	222	FO-14E308LL-VCS	213	FRO-11210B	203	FS-5406A	136
ET-18113	223	FO-14E309ALL-VMS	179	FRO-11210C	197	FS-5406N	140
ET-20109	222	FO-14E310C-LAS/VAS	179	FRO-12210B	203	FS-5506	118
ET-20110	222	FO-14E313A-MHP	179	FRO-12210C	197	FS-6005A	125
ET-20113	223	FO-14E318B-MXP/VXP	179	FRO-13210B	203	FS-6005B	126
ETS-16409	222	FO-16E308LL-VCS	213	FRO-13210C	197	FS-6105A	125
ETS-16410	222	FO-16E309ALL-VMS	179	FRO-14210B	203	FS-6105B	126
ETS-16413	223	FO-16E310C-LAS/VAS	179	FRO-14210C	197	FS-6106/A	118
ETS-18409	222	FO-16E313A-MHP	179	FRO-15210B	203	FS-6205A	125
ETS-18410	222	FO-16E313B-MHP	179	FRO-15210C	197	FS-6205B	126
ETS-18413	223	FO-16E318B-MXP/VXP	179	FRO-16210B	203	FS-6206A	136
ETS-20409	222	FO-18E310C-LAS	179	FRO-16210C	197	FS-6305A	125
ETS-20410	222	FO-18E313A-MHP	179	FRO-17210C	197	FS-6305B	126
ETS-20413	223	FO-18E318B-MXP/VXP	179	FRO-18210C	197	FS-6306A/B	136
F-5405-DM3	140	FO-20E313A-MHP	179	FRW-15210B	161	FS-6306X	136
F-5406B-DM3	224	FO-20E318B-MXP/VXP	179	FS-3005A (1988 & Before)	120	FS-6406A/B	136
F-5505B-DM3	164	FO-22E318B-MXP/VXP	179	FS-3005A (1989 & After)	121	FS-6406N	140
F-6405B-DM3	164	FO-5406B-DM3	224	FS-3005B (1988 & Before)	137	FS-6406N-ASW	140
F-6406N-ASW	140	FO-5506B-DM3	164	FS-3005B (1989 & After)	138	FS-6406N-ASX	140
F-6406N-ASX	140	FO-6406A-ASW	224	FS-3005C	139	FS-6406N-AW3	140
F-6406N-AW3	140	FO-6406A-ASX/AW3	220	FS-3205A	121	FS-7206A	118
F-8405B-DM3	164	FO-6406B-DM3	164	FS-3205B	138	FS-8206A	118
F-8406N-ASW	140	FO-6406N-AW3	140	FS-3205C	139	FSB-5305D	123
F-8406N-AW3	140	FO-6506B-DM3	164	FS-4005A (11/87 & After)	121	FSB-5406B	136
FAM-14810B	169	FO-8406A-ASW	224	FS-4005A (Before 11/87)	120	FSB-6406B	136
FAM-15810B	169	FO-8406A-ASX/AW3	220	FS-4005B (11/87 & After)	138	FSBO-6406B	164
FAO-11810C	185	FO-8406B-DM3	164	FS-4005B (Before 11/87)	137	FSBO-8406B	164
FAO-12810C	185	FOM-14E310C-LAS/VAS	179	FS-4005C	139	FSM-5005E	124
FAO-13810C	185	FOM-15E310C-LAS/VAS	179	FS-4205A	121	FSM-5005H	146
FAO-14810C	185	FOM-16E310C-LAS/VAS	179	FS-4205B	138	FSM-5005J	147
FAO-15810C	185	FR-9210	161	FS-4205C	139	FSM-5305E	124



Eaton Fuller Index

Transmission Model	Pag.	Transmission Model	Pag.	Transmission Model	Pag.	Transmission Model	Pag.
FSM-5305H	146	RT-14609A/H	169	RTLO-14913A/A-T2	182	RTO-11209B/H	203
FSO-5206B	117	RT-14610	169	RTLO-14918A-AS2/S3	182	RTO-11210B	203
FSO-6406A	164	RT-14613	169	RTLO-14918B/B-AS/ B-AS3/B-T2	182	RTO-11210C	197
FSO-8406A	164	RT-14615	169	RTLO-15610B/B-T2	169	RTO-11210R	197
FTS-16108LL	222	RT-14709A/H	169	RTLO-16610B/B-T2	169	RTO-11509	216
FTS-16109A	222	RT-14710B/B-AS2	169	RTLO-16618A	169	RTO-11607L/LL	194
FTS-16112L	223	RT-14715	169	RTLO-16713A/A-MT/ A-T2	182	RTO-11608LL	216
FTS-18108LL	222	RT-14910B-AS2	169	RTLO-16718B/B-T2	182	RTO-11609A	216
FTS-18109A	222	RT-14915	169	RTLO-16913L-DM3	179	RTO-11609B/H	182
FTS-18112L	223	RT-15613	169	RTLO-16913-LHS-D	182	RTO-11609P/R	211
FTS-20108LL	222	RT-15615	169	RTLO-16913-T2/A/A-T2/L-LHP	182	RTO-11610	206
FTS-20109A	222	RT-15715	169	RTLO-16918A-AS2/-AS3	182	RTO-11613	169
FTS-20112L	223	RTA-14710B-AS	169	RTLO-16918B/B-AS/B-T2	182	RTO-11615	206
RT-610	178	RTAO-10710B-AC/AS	216	RTLO-17610B/B-T2	169	RTO-11707DLL	194
RT-613	178	RTAO-10710C-AC/AS	182	RTLO-18610B/B-T2	169	RTO-11707LL	194
RT-906	169	RTAO-12710B-AC/AS	216	RTLO-18718B/B-T2	182	RTO-11708LL	216
RT-909A	169	RTAO-12710C-AC/AS	182	RTLO-18913A/A-T2	182	RTO-11709B/H/MLL	182
RT-910	169	RTAO-14710B-AC/AS	216	RTLO-18918A-AS2/-AS3	182	RTO-11710B	216
RT-915	169	RTAO-14710C-AC/AS	182	RTLO-18918B/B-AS/B-T2	182	RTO-11710C	182
RT-1110	169	RTAO-16710B-AC/AS	216	RTLO-20718B/B-T2	182	RTO-11715	206
RT-6609A	175	RTAO-16710C-AC/AS	182	RTLO-20913A/A-AS2	182	RTO-11813	169
RT-6610	178	RTF-906	169	RTLO-20918A-AS3	182	RTO-11908LL	216
RT-6613	178	RTF-906A	169	RTLO-20918B/B-AS/B-T2	182	RTO-11909ALL/MLL	182
RT-7608LL	175	RTF-909A	169	RTLO-22918A/A-AS2/A-AS3	182	RTO-12109A-AT	218
RT-7609	178	RTF-910	169	RTLO-22918B/B-AS	182	RTO-12109B-AT	188
RT-8606L	148	RTF-915	169	RTLOC-16909A/A-T2	182	RTO-12209B/H	203
RT-8608L	148	RTF-8908LL	169	RTLOC-18909A/A-T2	182	RTO-12210B	203
RT-8609	175	RTF-9509A	169	RTLOF-14618A	170	RTO-12210C	197
RT-8709B	169	RTF-9513	169	RTLOF-14618A	171	RTO-12210R	197
RT-8908LL	169	RTF-11609A	169	RTLOF-14718B	182	RTO-12509	216
RT-9109A-AT	172	RTF-11613	169	RTLOF-14918B	182	RTO-12510	206
RT-9508	148	RTF-12509	169	RTLOF-16618A	170	RTO-12513	169
RT-9509A/C	169	RTF-12510	169	RTLOF-16618A	171	RTO-12515	206
RT-9513	169	RTF-12515	169	RTLOF-16718B	182	RTO-12609A	216
RT-9710B	169	RTF-12609A	169	RTLOF-16918B	182	RTO-12609B/H	182
RT-11109A-AT	172	RTF-12709H	169	RTLOF-18718B,	182	RTO-12609P/R	211
RT-11209H	161	RTF-12710B	169	RTLOF-18918B	182	RTO-12610	206
RT-11210B	161	RTF-13609A	169	RTLOF-20918B	182	RTO-12610R	182
RT-11509	169	RTF-13709H	169	RTLOF-22918B	182	RTO-12709H	182
RT-11608	148	RTF-13710B	169	RTLOFC-16909A/A-T2	182	RTO-12710B/B-AS2	216
RT-11609A/H	169	RTF-14609A	169	RTL0M-16913L-DM3	179	RTO-12710C	182
RT-11610	169	RTF-14613	169	RTL0M-16913L-LH	182	RTO-12910B-AS2/AS3	216
RT-11613	169	RTF-14709H	169	RTO-610	209	RTO-12910B-DM2/DM3	213
RT-11615	169	RTF-14710B	169	RTO-613	209	RTO-13109A-AT	218
RT-11709H	169	RTF-14715	169	RTO-909A	216	RTO-13109B-AT	188
RT-11710B	169	RTF-14915	169	RTO-909B	182	RTO-13209B/H	203
RT-11715	169	RTF-15715	169	RTO-910	200	RTO-13210B	203
RT-12109A-AT	172	RTL-11710B/B-T2	169	RTO-913	169	RTO-13210C	197
RT-12209H	161	RTL-12710B/B-T2	169	RTO-915	200	RTO-13210R	197
RT-12210B	161	RTL-13710B	169	RTO-958LL	216	RTO-13609A	216
RT-12509	169	RTL-13710B-T2	169	RTO-1110	206	RTO-13609B/H	182
RT-12510	169	RTL-14710B/B-T2	169	RTO-1157DL/DLL	191	RTO-13609P/R	211
RT-12513	169	RTLC-16609A/E	182	RTO-1213	169	RTO-13707DLL/MLL	194
RT-12515	169	RTLC-16613A/E	182	RTO-1258LL	216	RTO-13709H	182
RT-12609A/H	169	RTLO-9118A-MT	169	RTO-6610	209	RTO-13710B	216
RT-12610	169	RTLO-11610B/B-T2	169	RTO-6613	209	RTO-13710C	182
RT-12709A/H	169	RTLO-12610B/B-T2	169	RTO-7613	209	RTO-14109A-AT	218
RT-12710B/B-AS2	169	RTLO-12613B	169	RTO-9109A-AT	218	RTO-14109B-AT	188
RT-13209H	161	RTLO-12713A	182	RTO-9109B-AT	188	RTO-14209B/H	203
RT-13210B	161	RTLO-12913A	182	RTO-9509A	216	RTO-14210B	203
RT-13609A/H	169	RTLO-13118AMT	182	RTO-9509B	182	RTO-14210C	197
RT-13709H	169	RTLO-13610B/ B-AS/B-T2	169	RTO-9513	169	RTO-14210R	197
RT-13710B	169	RTLO-14610A/B/B-T2	169	RTO-10710B-AS/AS2	216	RTO-14608LL	216
RT-14109A-AT	172	RTLO-14613A/B	169	RTO-10910B-AS2/AS3	216	RTO-14609A	216
RT-14209H	161	RTLO-14618A	169	RTO-10910B-DM2/DM3	213	RTO-14609B/H	182
RT-14210B	161	RTLO-14713A/A-T2	182	RTO-11109A-AT	218	RTO-14609P/R	211
RT-14608	148	RTLO-14718B/B-T2	182	RTO-11109B-AT	188	RTO-14610	206
						RTO-14610C	182

Transmission Model Pag.

RTO-14613	169
RTO-14615	206
RTO-14708LL	216
RTO-14709A	216
RTO-14709H/MLL	182
RTO-14710B/B-AS2	216
RTO-14710C/C-AS2	182
RTO-14713	169
RTO-14715	206
RTO-14813	169
RTO-14908LL	216
RTO-14909ALL/MLL	182
RTO-14910B/B-AS2/B-AS3	216
RTO-14910B-DM2/DM3	213
RTO-14910C/C-AS2/C-AS3	182
RTO-14915	206
RTO-15210B	203
RTO-15210C	197
RTO-15613	169
RTO-15615	206
RTO-15618	169
RTO-15708LL	216
RTO-15710B	216
RTO-15710C	182
RTO-15715	206
RTO-15813	169
RTO-16109A-AT	218
RTO-16109B-AT	188
RTO-16210B	203
RTO-16210C	197
RTO-16709B/H	182
RTO-16710B/B-AS2	216
RTO-16710C&C-AS2	182
RTO-16715	206
RTO-16908LL	216
RTO-16909ALL	182
RTO-16910B/B-AS/B-AS2/3	216
RTO-16910B-DM2/DM3	213
RTO-16910C-AS2/C-AS3	182
RTO-16915	206
RTO-18910B-AS2/AS3	216
RTOC-16709A	182
RTOC-16909A	182
RTOC-16913A	182
RTOC-18909A	182
RTOCM-16909A	182
RTOF-909A	216
RTOF-910	200
RTOF-915	200
RTOF-9509A	216
RTOF-9509B	182
RTOF-9513	169
RTOM-16910B-DM3	213
RTOO-9513	182
RTOO-11613	182
RTOO-14613	182
RTOX-11609A	216
RTS-11909A	222
RTS-11912L	223
RTX-11609A	216
RTX-11609B	182
RTX-11609P/R	211
RTX-11708LL	216
RTX-11709H	182
RTX-11710B	216
RTX-11710C	182
RTX-12609B	182

Transmission Model Pag.

RTX-12609P/R	211
RTX-12709H	182
RTX-12710B	216
RTX-12710C	182
RTX-13609B	182
RTX-13609P/R	211
RTX-13709H	182
RTX-13710B	216
RTX-13710C	182
RTX-14609A	216
RTX-14609B	182
RTX-14609P/R	211
RTX-14708LL	216
RTX-14709H	182
RTX-14710B	216
RTX-14710C	182
RTX-14715	206
RTX-15710B	216
RTX-15710C	182
RTX-15715	206
RTX-16709B/H	182
RTX-16710B	216
RTX-16710C	182
T-905A/B/H/P	141
T-905C/J	133
T-905D/M	154
T-905F	126
T-955AL/ALL	141
T-955GL	169
T-8607A/B	129
T-11605A/B	141
T-11605C	133
T-11605D/M	154
T-11605F	126
T-11606	129
T-11607A/B	129
T-14607A/B	131
TO-905A/D	191
TO-905B	157
TO-905C	151
TO-955AL/ALL/DLL	191
TO-955LL	216
TO-11605A	194
TO-11605B	157
TO-11605C	151
TO-11605D	191
TO-11607B-ASX	165
TO-14607B-ASX	165
TS-11612A	129
TS-12612A	129
TS-13612A	129
TS-15612A	129
TS-16612A	129
TSO-11612A	129
TSO-12612A	129
TSO-13612A	129
TSO-15612A	129
TSO-16612A	129
TX-8607B	165
TX-14607B	165





Eaton Fuller

4106 DT A (Rear opening)

FS-5206A (Rear opening)

FUL.01


6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1213003	135%		31	310	59	INCL			ENG		


4 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1213403	100%		43	444	84	INCL			OPP		
	129703	130%		56	360	68	INCL	HEAVY DUTY		ENG		
	123503	132%		57	310	59	INCL			ENG		
	1211503	172%		75	332	63	INCL	HEAVY DUTY		ENG		

4106 DT B (Rear opening)

FS-5206B (Rear opening)

FUL.02

6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1213003	135%		37	310	59	INCL			ENG		

4 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1213403	100%		52	444	84	INCL			OPP		
	129703	130%		67	360	68	INCL	HEAVY DUTY		ENG		
	123503	132%		68	310	59	INCL			ENG		
	1211503	172%		89	332	63	INCL	HEAVY DUTY		ENG		



For complete part numbers, consult the PTO Series section (page 25)



Eaton Fuller

4106 OD

FSO-5206B

FUL.03

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1213003	135%		45	310	59	INCL			ENG		

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1213403	100%		64	444	84	INCL			OPP		
	129703	130%		84	360	68	INCL	HEAVY DUTY		ENG		
	123503	132%		85	310	59	INCL			ENG		
	1211503	172%		111	332	63	INCL	HEAVY DUTY		ENG		

Eaton Fuller

////////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //



Eaton Fuller

FS-5506

FS-6106/A

FS-7206A

FS-8206A

FUL.05

Eaton Fuller

6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000	B (55)		45		250	47	INCL			OPP	25	
	C (73)		59		250	47	INCL			OPP	25	
	E (86)		71		225	43	INCL			OPP	25	
	J (95)		77		225	43	INCL			OPP	25	
	O (125)		102		195	37	INCL			OPP	25	
	R (137)		111		180	34	INCL			OPP	25	
	S (150)		122		162	31	INCL			OPP	25	
	T (165)		134		148	28	INCL			OPP	25	
3200	Z (40)		33		250	47	INCL	CLUTCH SHIFT		OPP	25	
	A (50)		41		250	47	INCL	CLUTCH SHIFT		OPP	25	
	B (55)		45		250	47	INCL	CLUTCH SHIFT		OPP	25	
	C (73)		59		250	47	INCL	CLUTCH SHIFT		OPP	25	
	E (86)		71		225	43	INCL	CLUTCH SHIFT		OPP	25	
	J (95)		78		225	43	INCL	CLUTCH SHIFT		OPP	25	
	O (125)		102		195	37	INCL	CLUTCH SHIFT		OPP	25	
	R (137)		111		180	34	INCL	CLUTCH SHIFT		OPP	25	
	S (150)		122		162	31	INCL	CLUTCH SHIFT		OPP	25	
	T (165)		134		148	28	INCL	CLUTCH SHIFT		OPP	25	
6000	Forward (73)		59		150	28	INCL			BOTH	25	
	Reverse (83)		67		150	28	INCL			BOTH	25	

For complete part numbers, consult the PTO Series section (page 25)

Eaton Fuller





FS-5506

FS-6106/A

FS-7206A

FS-8206A

FUL.05

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)			250	47	INCL			OPP	25	
		B (55)		45	250	47	INCL			OPP	25	
		C (73)		59	250	47	INCL			OPP	25	
		E (86)		71	225	43	INCL			OPP	25	
		J (95)		77	225	43	INCL			OPP	25	
		O (125)		102	180	34	INCL			OPP	25	
		R (137)		111	170	32	INCL			OPP	25	
		S (150)		122	155	29	INCL			OPP	25	
		T (165)		134	140	27	INCL			OPP	25	
3800		Z (40)		33	250	47	INCL	CLUTCH SHIFT		OPP	25	
		A (50)		41	250	47	INCL	CLUTCH SHIFT		OPP	25	
		B (55)		45	250	47	INCL	CLUTCH SHIFT		OPP	25	
		C (73)		59	250	47	INCL	CLUTCH SHIFT		OPP	25	
		E (86)		71	225	43	INCL	CLUTCH SHIFT		OPP	25	
		J (95)		78	225	43	INCL	CLUTCH SHIFT		OPP	25	
		O (125)		102	195	37	INCL	CLUTCH SHIFT		OPP	25	
		R (137)		111	180	34	INCL	CLUTCH SHIFT		OPP	25	
		S (150)		122	162	31	INCL	CLUTCH SHIFT		OPP	25	
	T (165)		134	148	28	INCL	CLUTCH SHIFT		OPP	25		
8500		B (57)		39	500	95	INCL			OPP	25	
		C (70)		52	485	92	INCL			OPP	25	
		E (86)		62	400	76	INCL			OPP	25	
		J (105)		77	325	62	INCL			OPP	25	
		O (127)		89	270	51	INCL			OPP	25	
		R (137)		97	250	47	INCL			OPP	25	
		S (150)		107	225	43	INCL			OPP	25	
	T (165)		117	210	40	INCL			OPP	25		

Eaton Fuller

For complete part numbers, consult the PTO Series section (page 25)






Eaton Fuller

FS-3005A (1988 & Before)

FS-4005A (Before 11/87)

FUL.06

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		37	250	47	INCL	Before 11/87		OPP	23	
		C (73)		49	250	47	INCL	Before 11/87		OPP	23	
		E (86)		59	225	43	INCL	Before 11/87		OPP	23	
		J (95)		64	225	43	INCL	Before 11/87		OPP	23	
		O (125)		84	195	37	INCL	Before 11/87		OPP	23	
		R (137)		92	180	34	INCL	Before 11/87		OPP	23	
		S (150)		101	162	31	INCL	Before 11/87		OPP	23	
		T (165)		111	148	28	INCL	Before 11/87		OPP	23	
6000		Forward (73)		49	150	28	INCL	Before 11/87		BOTH	23	
		Reverse (83)		56	150	28	INCL	Before 11/87		BOTH	23	

Eaton Fuller

//////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //////////////////////////////////////

Eaton Fuller





FS-3005A (1989 & After)

FS-3205A

FS-4005A (11/87 & After)

FS-4205A

FUL.07

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		37	250	47	INCL	11/87 & After		OPP	18	
		C (73)		49	250	47	INCL	11/87 & After		OPP	18	
		E (86)		59	225	43	INCL	11/87 & After		OPP	18	
		J (95)		64	225	43	INCL	11/87 & After		OPP	18	
		O (125)		85	195	37	INCL	11/87 & After		OPP	18	
		R (137)		93	180	34	INCL	11/87 & After		OPP	18	
		S (150)		101	162	31	INCL	11/87 & After		OPP	18	
		T (165)		112	148	28	INCL	11/87 & After		OPP	18	
3200		Z (40)		27	250	47	INCL	11/87 & After		OPP	18	
		A (50)		34	250	47	INCL	11/87 & After		OPP	18	
		B (55)		37	250	47	INCL	11/87 & After		OPP	18	
		C (73)		49	250	47	INCL	11/87 & After		OPP	18	
		E (86)		59	225	43	INCL	11/87 & After		OPP	18	
		J (95)		65	225	43	INCL	11/87 & After		OPP	18	
		O (125)		85	195	37	INCL	11/87 & After		OPP	18	
		R (137)		93	180	34	INCL	11/87 & After		OPP	18	
		S (150)		101	162	31	INCL	11/87 & After		OPP	18	
	T (165)		111	148	28	INCL	11/87 & After		OPP	18		
6000		Forward (73)		49	150	28	INCL	11/87 & After		BOTH	18	
		Reverse (83)		56	150	28	INCL	11/87 & After		BOTH	18	

Eaton Fuller

For complete part numbers, consult the PTO Series section (page 25)








Eaton Fuller

FS-5005A

FS-5005D

FS-5205A

FUL.08

6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		21	250	47	INCL			ENG	06	
		C (73)		27	250	47	INCL			ENG	06	
		E (86)		33	225	43	INCL			ENG	06	
		J (95)		36	225	43	INCL			ENG	06	
		O (125)		47	195	37	INCL			ENG	06	
		R (137)		51	180	34	INCL			ENG	06	
		S (150)		56	162	31	INCL			ENG	06	
		T (165)		62	148	28	INCL			ENG	06	
1000		B (55)		38	250	47	S3		GA6093	OPP	30	
		C (73)		50	250	47	S3		GA6093	OPP	30	
		E (86)		60	225	43	S3		GA6093	OPP	30	
		J (95)		66	225	43	S3		GA6093	OPP	30	
		O (125)		86	195	37	S3		GA6093	OPP	30	
		R (137)		95	180	34	S3		GA6093	OPP	30	
		S (150)		104	162	31	S3		GA6093	OPP	30	
		T (165)		114	148	28	S3		GA6093	OPP	30	
3200		Z (40)		16	250	47	S3		GA6093	OPP	30	
		A (50)		20	250	47	S3		GA6093	OPP	30	
		B (55)		22	250	47	S3		GA6093	OPP	30	
		C (73)		29	250	47	S3		GA6093	OPP	30	
		E (86)		35	225	43	S3		GA6093	OPP	30	
		J (95)		38	225	43	S3		GA6093	OPP	30	
		O (125)		50	195	37	S3		GA6093	OPP	30	
		R (137)		54	180	34	S3		GA6093	OPP	30	
		S (150)		60	162	31	S3		GA6093	OPP	30	
6000		Forward (83)		27	150	28	INCL			BOTH	06	
		Reverse (73)		31	150	28	INCL			BOTH	06	
6000		Forward (83)		50	150	28	S3		GA6093	BOTH	30	
		Reverse (73)		57	150	28	S3		GA6093	BOTH	30	



Eaton Fuller

For complete part numbers, consult the PTO Series section (page 25)

Eaton Fuller

FSB-5305D

FUL.09

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		21	250	47	INCL			ENG	6	
		C (73)		27	250	47	INCL			ENG	6	
		E (86)		33	225	43	INCL			ENG	6	
		J (95)		36	225	43	INCL			ENG	6	
		O (125)		47	195	37	INCL			ENG	6	
		R (137)		51	180	34	INCL			ENG	6	
		S (150)		56	162	31	INCL			ENG	6	
		T (165)		62	148	28	INCL			ENG	6	

***FOOT NOTES:**

Mounting at right side + GA6062 Adapter is not available.
(Input gear #29 not cut)

Eaton Fuller

//////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //////////////////////////////////////







Eaton Fuller

FSM-5005E

FSM-5305E

FUL.10

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		38	250	47	INCL		GA6062	OPP	30	
		C (73)		50	250	47	INCL		GA6062	OPP	30	
		E (86)		60	225	43	INCL		GA6062	OPP	30	
		J (95)		66	225	43	INCL		GA6062	OPP	30	
		O (125)		86	195	37	INCL		GA6062	OPP	30	
		R (137)		95	180	34	INCL		GA6062	OPP	30	
		S (150)		104	162	31	INCL		GA6062	OPP	30	
		T (165)		114	148	28	INCL		GA6062	OPP	30	
3200		Z (40)		28	250	47	INCL		GA6062	OPP	30	
		A (50)		35	250	47	INCL		GA6062	OPP	30	
		B (55)		38	250	47	INCL		GA6062	OPP	30	
		C (73)		50	250	47	INCL		GA6062	OPP	30	
		E (86)		60	225	43	INCL		GA6062	OPP	30	
		J (95)		66	225	43	INCL		GA6062	OPP	30	
		O (125)		86	195	37	INCL		GA6062	OPP	30	
		R (137)		94	180	34	INCL		GA6062	OPP	30	
		S (150)		104	162	31	INCL		GA6062	OPP	30	
		T (165)		114	148	28	INCL		GA6062	OPP	30	
6000		Forward (83)		50	150	28	INCL		GA6062	BOTH	30	
		Reverse (73)		57	150	28	INCL		GA6062	BOTH	30	

Eaton Fuller

For complete part numbers, consult the PTO Series section (page 25)

Eaton Fuller




FS-6005A

FS-6105A

FS-6205A

FS-6305A

FUL.12

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		47	250	47	S3	(F15,16)	6240S	OPP	17	
		C (73)		62	250	47	S3	(F15,16)	6240S	OPP	17	
		E (86)		74	225	43	S3	(F15,16)	6240S	OPP	17	
		J (95)			225	43	S3	(F15,16)	6240S	OPP	17	
		O (125)			195	37	S3	(F15,16)	6240S	OPP	17	
		R (137)			180	34	S3	(F15,16)	6240S	OPP	17	
		S (150)			162	31	S3	(F15,16)	6240S	OPP	17	
		T (165)			148	28	S3	(F15,16)	6240S	OPP	17	
3200		Z (40)		34	250	47	S3	(F15,16)	6240S	OPP	17	
		A (50)		42	250	47	S3	(F15,16)	6240S	OPP	17	
		B (55)		47	250	47	S3	(F15,16)	6240S	OPP	17	
		C (73)		62	250	47	S3	(F15,16)	6240S	OPP	17	
		E (86)		74	225	43	S3	(F15,16)	6240S	OPP	17	
		J (95)			225	43	S3	(F15,16)	6240S	OPP	17	
		O (125)			195	37	S3	(F15,16)	6240S	OPP	17	
		R (137)			180	34	S3	(F15,16)	6240S	OPP	17	
		S (150)			162	31	S3	(F15,16)	6240S	OPP	17	
	T (165)			148	28	S3	(F15,16)	6240S	OPP	17		

FOOT NOTES:

- F15:** Partial tooth engagement because transmission's PTO driver gear is not located .5" from centerline. Reduce available torque by 10%.
- F16:** 1000/3200 Series PTOs: Not available ratios above "E" because interfere with the adjacent gear in the transmission.

//////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //////////////////////////////////////



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Eaton Fuller



FS-6005B

FS-6105B

FS-6205B

FS-6305B





FUL.13

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1500	O (125)		129	195	37	INCL			OPP	26	

T-11605F

T-905F

FUL.15

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		57	250	47	INCL	(F6,7)		OPP	01	
		C (73)		76	250	47	INCL	(F6,7)		OPP	01	
		E (86)		90	225	43	INCL	(F6,7)		OPP	01	
		J (95)		99	225	43	INCL	(F6,7)		OPP	01	
		O (125)		130	195	37	INCL	(F6,7)		OPP	01	
		R (137)		142	180	34	INCL	(F6,7)		OPP	01	
		S (150)		156	162	31	INCL	(F6,7)		OPP	01	
		T (165)		171	148	28	INCL	(F6,7)		OPP	01	
3200		Z (40)		42	250	47	INCL	(F6,7)		OPP	01	
		A (50)		52	250	47	INCL	(F6,7)		OPP	01	
		B (55)		57	250	47	INCL	(F6,7)		OPP	01	
		C (73)		76	250	47	INCL	(F6,7)		OPP	01	
		E (86)		91	225	43	INCL	(F6,7)		OPP	01	
		J (95)		99	225	43	INCL	(F6,7)		OPP	01	
		O (125)		130	195	37	INCL	(F6,7)		OPP	01	
		R (137)		142	180	34	INCL	(F6,7)		OPP	01	
6000		Forward (73)		76	150	28	INCL	(F7)		BOTH	01	
		Reverse (83)		86	150	28	INCL	(F7)		BOTH	01	

For complete part numbers, consult the PTO Series section (page 25)





Eaton Fuller

Eaton Fuller

T-11605F

T-905F

FUL.15

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000	A (50)		51		250	47	INCL			OPP	O1	
	B (55)		60		250	47	INCL			OPP	O1	
	C (73)		79		250	47	INCL			OPP	O1	
	E (86)		94		225	43	INCL			OPP	O1	
	J (95)		103		225	43	INCL			OPP	O1	
	O (125)		136		180	34	INCL			OPP	O1	
	R (137)		149		170	32	INCL			OPP	O1	
	S (150)		163		155	29	INCL			OPP	O1	
T (165)		179		140	27	INCL			OPP	O1		
3800	Z (40)		43		250	47	INCL	CLUTCH SHIFT		OPP	O1	
	A (50)		54		250	47	INCL	CLUTCH SHIFT		OPP	O1	
	B (55)		60		250	47	INCL	CLUTCH SHIFT		OPP	O1	
	C (73)		79		250	47	INCL	CLUTCH SHIFT		OPP	O1	
	E (86)		95		225	43	INCL	CLUTCH SHIFT		OPP	O1	
	J (95)		104		225	43	INCL	CLUTCH SHIFT		OPP	O1	
	O (125)		136		195	37	INCL	CLUTCH SHIFT		OPP	O1	
	R (137)		149		180	34	INCL	CLUTCH SHIFT		OPP	O1	
	S (150)		163		162	31	INCL	CLUTCH SHIFT		OPP	O1	
T (165)		179		148	28	INCL	CLUTCH SHIFT		OPP	O1		
4100	B (57)		59		420	80	INCL			OPP	O1	
	C (70)		73		350	66	INCL			OPP	O1	
	E (86)		89		285	54	INCL			OPP	O1	
	J (105)		109		235	44	INCL			OPP	O1	
4250	Output 1 C (96)		72		355	67	INCL	(F25)		OPP	O1	
	Output 2 B (89)		67		380	72	INCL	(F25)		OPP	O1	
	Output 1 E (112)		84		300	57	INCL	(F25)		OPP	O1	
	Output 2 C (104)		77		325	62	INCL	(F25)		OPP	O1	
	Output 1 J (132)		98		260	49	INCL	(F25)		OPP	O1	
	Output 2 E (121)		90		280	53	INCL	(F25)		OPP	O1	
	Output 1 O (168)		126		200	38	INCL	(F25)		OPP	O1	
	Output 2 J (152)		114		220	42	INCL	(F25)		OPP	O1	

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)



Eaton Fuller

T-11605F

T-905F

FUL.15

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
6800		Forward (55)		57	150	28	INCL			BOTH	O1	
		Reverse (52)		54	150	28	INCL			BOTH	O1	
8000		Forward (40)		45	500	95	INCL			BOTH	O1	
		Reverse (50)		53	500	95	INCL			BOTH	O1	
8500		B (57)		41	500	95	INCL			OPP	O1	
		C (70)		54	485	92	INCL			OPP	O1	
		E (86)		65	400	76	INCL			OPP	O1	
		J (105)		81	325	62	INCL			OPP	O1	
		O (127)		93	270	51	INCL			OPP	O1	
		R (137)		102	250	47	INCL			OPP	O1	
		S (150)		112	225	43	INCL			OPP	O1	
	T (165)		123	210	40	INCL			OPP	O1		

CAUTION:

Eaton Transmission Division has established a **Maximum Torque Limit** for the transmission PTO driver gear. For all RT/RTO/RTLO transmissions the torque limit is **350 ft-lbs (475 Nm) Maximum** unless the transmission has been upgraded to a roller type input shaft bearing. The Eaton part number **4301417** when installed moves the torque rating for the PTO driver gear to **500 ft-lbs (678 Nm) of torque Maximum**. All torque limits listed in the BZ application book are intermediate ratings. If the transmission has not been upgraded as described above **DO NOT** exceed 350 ft-lbs of torque for any application.

FOOT NOTES:

- F25:** Do not exceed maximum torque and power shown in Output 2 when both outputs are working simultaneously.
- F6:** Direct mount pumps will not clear bulge on transmission case. Must use geared adapter. Use of adapter changes PTO output rotation.
- F7:** For vehicles with Spring Hanger interference use adapter AD645-01. Not applicable for direct mount pumps. Use of adapter changes PTO output rotation.

////////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //



Eaton Fuller

Eaton Fuller

T-11606
T-11607A/B
T-8607A/B





TS-11612A
TS-12612A
TS-13612A

TS-15612A
TS-16612A
TSO-11612A

TSO-12612A
TSO-13612A
TSO-15612A

TSO-16612A

FUL.16

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		56	250	47	INCL	(F20)	6140S	OPP	14	
		C (73)		75	250	47	INCL	(F20)	6140S	OPP	14	
		E (86)		89	225	43	INCL	(F20)	6140S	OPP	14	
		J (95)		97	225	43	INCL	(F20)	6140S	OPP	14	
		O (125)		128	195	37	INCL	(F20)	6140S	OPP	14	
		R (137)		140	180	34	INCL	(F20)	6140S	OPP	14	
		S (150)		154	162	31	INCL	(F20)	6140S	OPP	14	
	T (165)		169	148	28	INCL	(F20)	6140S	OPP	14		
3200		Z (40)		41	250	47	INCL	CLUTCH SHIFT	AD68248	OPP	14	
		A (50)		51	250	47	INCL	CLUTCH SHIFT	AD68248	OPP	14	
		B (55)		56	250	47	INCL	CLUTCH SHIFT	AD68248	OPP	14	
		C (73)		75	250	47	INCL	CLUTCH SHIFT	AD68248	OPP	14	
		E (86)		90	225	43	INCL	CLUTCH SHIFT	AD68248	OPP	14	
		J (95)		98	225	43	INCL	CLUTCH SHIFT	AD68248	OPP	14	
		O (125)		128	195	37	INCL	CLUTCH SHIFT	AD68248	OPP	14	
		R (137)		140	180	34	INCL	CLUTCH SHIFT	AD68248	OPP	14	
		S (150)		154	162	31	INCL	CLUTCH SHIFT	AD68248	OPP	14	
	T (165)		169	148	28	INCL	CLUTCH SHIFT	AD68248	OPP	14		
6000		Forward (73)		75	150	28	INCL		6140S	BOTH	14	
		Reverse (83)		85	150	28	INCL		6140S	BOTH	14	

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For complete part numbers, consult the PTO Series section (page 25)



Eaton Fuller

T-11606
T-11607A/B
T-8607A/B




TS-11612A
TS-12612A
TS-13612A

TS-15612A
TS-16612A
TSO-11612A

TSO-12612A
TSO-13612A
TSO-15612A

TSO-16612A

FUL.16

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000	A (50)				250	47	INCL			OPP	14	
	B (55)			56	250	47	INCL			OPP	14	
	C (73)			75	250	47	INCL			OPP	14	
	E (86)			89	225	43	INCL			OPP	14	
	J (95)			97	225	43	INCL			OPP	14	
	O (125)			128	180	34	INCL			OPP	14	
	R (137)			140	170	32	INCL			OPP	14	
	S (150)			154	155	29	INCL			OPP	14	
	T (165)			169	140	27	INCL			OPP	14	
3800	Z (40)			41	250	47	INCL	CLUTCH SHIFT		OPP	14	
	A (50)			51	250	47	INCL	CLUTCH SHIFT		OPP	14	
	B (55)			56	250	47	INCL	CLUTCH SHIFT		OPP	14	
	C (73)			75	250	47	INCL	CLUTCH SHIFT		OPP	14	
	E (86)			90	225	43	INCL	CLUTCH SHIFT		OPP	14	
	J (95)			98	225	43	INCL	CLUTCH SHIFT		OPP	14	
	O (125)			128	195	37	INCL	CLUTCH SHIFT		OPP	14	
	R (137)			140	180	34	INCL	CLUTCH SHIFT		OPP	14	
	S (150)			154	162	31	INCL	CLUTCH SHIFT		OPP	14	
T (165)			169	148	28	INCL	CLUTCH SHIFT		OPP	14		
8500	B (57)			69	500	95	INCL			OPP	14	
	C (70)			91	485	92	INCL			OPP	14	
	E (86)			109	400	76	INCL			OPP	14	
	J (105)			135	325	62	INCL			OPP	14	
	O (127)			156	270	51	INCL			OPP	14	
	R (137)			171	250	47	INCL			OPP	14	
	S (150)			187	225	43	INCL			OPP	14	
T (165)			206	210	40	INCL			OPP	14		

CAUTION:

Eaton Transmission Division has established a **Maximum Torque Limit** for the transmission PTO driver gear. For all RT/RTO/RTLO transmissions the torque limit is **350 ft-lbs (475 Nm) Maximum** unless the transmission has been upgraded to a roller type input shaft bearing.

The Eaton part number **4301417** when installed moves the torque rating for the PTO driver gear to **500 ft-lbs (678 Nm) of torque Maximum**. All torque limits listed in the BZ application book are intermediate ratings. If the transmission has not been upgraded as described above

DO NOT exceed 350 ft-lbs of torque for any application.

FOOT NOTES:

F20: Direct mount pumps will not clear bulge on transmission. Use of adapter will not work.





For complete part numbers, consult the PTO Series section (page 25)

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T-14607A/B

FUL.17

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		55	250	47	INCL	(F20)	6187S	OPP	27	
		C (73)		73	250	47	INCL	(F20)	6187S	OPP	27	
		E (86)		87	225	43	INCL	(F20)	6187S	OPP	27	
		J (95)		95	225	43	INCL	(F20)	6187S	OPP	27	
		O (125)		125	195	37	INCL	(F20)	6187S	OPP	27	
		R (137)		137	180	34	INCL	(F20)	6187S	OPP	27	
		S (150)		150	162	31	INCL	(F20)	6187S	OPP	27	
		T (165)		165	148	28	INCL	(F20)	6187S	OPP	27	
3200		Z (40)		40	250	47	INCL	(F20) CLUTCH SHIFT	6187S	OPP	27	
		A (50)		50	250	47	INCL	(F20) CLUTCH SHIFT	6187S	OPP	27	
		B (55)		55	250	47	INCL	(F20) CLUTCH SHIFT	6187S	OPP	27	
		C (73)		73	250	47	INCL	(F20) CLUTCH SHIFT	6187S	OPP	27	
		E (86)		87	225	43	INCL	(F20) CLUTCH SHIFT	6187S	OPP	27	
		J (95)		95	225	43	INCL	(F20) CLUTCH SHIFT	6187S	OPP	27	
		O (125)		125	195	37	INCL	(F20) CLUTCH SHIFT	6187S	OPP	27	
		R (137)		137	180	34	INCL	(F20) CLUTCH SHIFT	6187S	OPP	27	
		S (150)		150	162	31	INCL	(F20) CLUTCH SHIFT	6187S	OPP	27	
	T (165)		164	148	28	INCL	(F20) CLUTCH SHIFT	6187S	OPP	27		
6000		Forward (73)		73	150	28	INCL		6187S	BOTH	27	
		Reverse (83)		83	150	28	INCL		6187S	BOTH	27	

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For complete part numbers, consult the PTO Series section (page 25)



Eaton Fuller

T-14607A/B

FUL.17

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000	A (50)				250	47	INCL		GA8062	OPP	27	
	B (55)			55	250	47	INCL		GA8062	OPP	27	
	C (73)			73	250	47	INCL		GA8062	OPP	27	
	E (86)			87	225	43	INCL		GA8062	OPP	27	
	J (95)			95	225	43	INCL		GA8062	OPP	27	
	O (125)			125	180	34	INCL		GA8062	OPP	27	
	R (137)			137	170	32	INCL		GA8062	OPP	27	
	S (150)			150	155	29	INCL		GA8062	OPP	27	
	T (165)			165	140	27	INCL		GA8062	OPP	27	
3800	Z (40)			40	250	47	INCL	CLUTCH SHIFT	GA8062	OPP	27	
	A (50)			50	250	47	INCL	CLUTCH SHIFT	GA8062	OPP	27	
	B (55)			55	250	47	INCL	CLUTCH SHIFT	GA8062	OPP	27	
	C (73)			73	250	47	INCL	CLUTCH SHIFT	GA8062	OPP	27	
	E (86)			87	225	43	INCL	CLUTCH SHIFT	GA8062	OPP	27	
	J (95)			95	225	43	INCL	CLUTCH SHIFT	GA8062	OPP	27	
	O (125)			125	195	37	INCL	CLUTCH SHIFT	GA8062	OPP	27	
	R (137)			137	180	34	INCL	CLUTCH SHIFT	GA8062	OPP	27	
	S (150)			150	162	31	INCL	CLUTCH SHIFT	GA8062	OPP	27	
T (165)			164	148	28	INCL	CLUTCH SHIFT	GA8062	OPP	27		
8500	B (57)			69	500	95	INCL			OPP	27	
	C (70)			91	485	92	INCL			OPP	27	
	E (86)			109	400	76	INCL			OPP	27	
	J (105)			135	325	62	INCL			OPP	27	
	O (127)			156	270	51	INCL			OPP	27	
	R (137)			171	250	47	INCL			OPP	27	
	S (150)			187	225	43	INCL			OPP	27	
	T (165)			206	210	40	INCL			OPP	27	

FOOT NOTES:

F20: Direct mount pumps will not clear bulge on transmission. Use of adapter will not work.

For complete part numbers, consult the PTO Series section (page 25)





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T-11605C

T-905C/J

FUL.18

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		58	250	47	INCL	(F6,7)		OPP	01	
		C (73)		77	250	47	INCL	(F6,7)		OPP	01	
		E (86)		91	225	43	INCL	(F6,7)		OPP	01	
		J (95)		100	225	43	INCL	(F6,7)		OPP	01	
		O (125)		131	195	37	INCL	(F6,7)		OPP	01	
		R (137)		144	180	34	INCL	(F6,7)		OPP	01	
		S (150)		157	162	31	INCL	(F6,7)		OPP	01	
		T (165)		173	148	28	INCL	(F6,7)		OPP	01	
3200		Z (40)		42	250	47	INCL	(F6,7)		OPP	01	
		A (50)		52	250	47	INCL	(F6,7)		OPP	01	
		B (55)		58	250	47	INCL	(F6,7)		OPP	01	
		C (73)		77	250	47	INCL	(F6,7)		OPP	01	
		E (86)		92	225	43	INCL	(F6,7)		OPP	01	
		J (95)		100	225	43	INCL	(F6,7)		OPP	01	
		O (125)		131	195	37	INCL	(F6,7)		OPP	01	
		R (137)		144	180	34	INCL	(F6,7)		OPP	01	
6000		Forward (73)		77	150	28	INCL	(F7)		BOTH	01	
		Reverse (83)		87	150	28	INCL	(F7)		BOTH	01	

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For complete part numbers, consult the PTO Series section (page 25)








Eaton Fuller

T-11605C

T-905C/J

FUL.18

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000	A (50)			51	250	47	INCL			OPP	O1	
	B (55)			60	250	47	INCL			OPP	O1	
	C (73)			80	250	47	INCL			OPP	O1	
	E (86)			95	225	43	INCL			OPP	O1	
	J (95)			104	225	43	INCL			OPP	O1	
	O (125)			137	180	34	INCL			OPP	O1	
	R (137)			150	170	32	INCL			OPP	O1	
	S (150)			164	155	29	INCL			OPP	O1	
	T (165)			181	140	27	INCL			OPP	O1	
3800	Z (40)			44	250	47	INCL	CLUTCH SHIFT		OPP	O1	
	A (50)			55	250	47	INCL	CLUTCH SHIFT		OPP	O1	
	B (55)			60	250	47	INCL	CLUTCH SHIFT		OPP	O1	
	C (73)			80	250	47	INCL	CLUTCH SHIFT		OPP	O1	
	E (86)			96	225	43	INCL	CLUTCH SHIFT		OPP	O1	
	J (95)			105	225	43	INCL	CLUTCH SHIFT		OPP	O1	
	O (125)			137	195	37	INCL	CLUTCH SHIFT		OPP	O1	
	R (137)			150	180	34	INCL	CLUTCH SHIFT		OPP	O1	
	S (150)			164	162	31	INCL	CLUTCH SHIFT		OPP	O1	
T (165)			181	148	28	INCL	CLUTCH SHIFT		OPP	O1		
4100	B (57)			60	420	80	INCL			OPP	O1	
	C (70)			73	350	66	INCL			OPP	O1	
	E (86)			90	285	54	INCL			OPP	O1	
	J (105)			110	235	44	INCL			OPP	O1	
4250	Output 1 C (96)			72	355	67	INCL	(F25)		OPP	O1	
	Output 2 B (89)			67	380	72	INCL	(F25)		OPP	O1	
	Output 1 E (112)			85	300	57	INCL	(F25)		OPP	O1	
	Output 2 C (104)			78	325	62	INCL	(F25)		OPP	O1	
	Output 1 J (132)			99	260	49	INCL	(F25)		OPP	O1	
	Output 2 E (121)			91	280	53	INCL	(F25)		OPP	O1	
	Output 1 O (168)			127	200	38	INCL	(F25)		OPP	O1	
	Output 2 J (152)			115	220	42	INCL	(F25)		OPP	O1	
6800	Forward (55)			58	150	28	INCL			BOTH	O1	
	Reverse (52)			55	150	28	INCL			BOTH	O1	

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)




Eaton Fuller

Eaton Fuller

T-11605C

T-905C/J

FUL.18

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
8000		Forward (40)		45	500	95	INCL			BOTH	O1	
		Reverse (50)		54	500	95	INCL			BOTH	O1	
8500		B (57)		41	500	95	INCL			OPP	O1	
		C (70)		55	485	92	INCL			OPP	O1	
		E (86)		66	400	76	INCL			OPP	O1	
		J (105)		81	325	62	INCL			OPP	O1	
		O (127)		94	270	51	INCL			OPP	O1	
		R (137)		103	250	47	INCL			OPP	O1	
		S (150)		113	225	43	INCL			OPP	O1	
	T (165)		124	210	40	INCL			OPP	O1		

CAUTION:

Eaton Transmission Division has established a **Maximum Torque Limit** for the transmission PTO driver gear. For all RT/RTO/RTLO transmissions the torque limit is **350 ft-lbs (475 Nm) Maximum** unless the transmission has been upgraded to a roller type input shaft bearing. The Eaton part number **4301417** when installed moves the torque rating for the PTO driver gear to **500 ft-lbs (678 Nm) of torque Maximum**. All torque limits listed in the BZ application book are intermediate ratings. If the transmission has not been upgraded as described above **DO NOT** exceed 350 ft-lbs of torque for any application.

FOOT NOTES:

- F25:** Do not exceed maximum torque and power shown in Output 2 when both outputs are working simultaneously.
- F6:** Direct mount pumps will not clear bulge on transmission case. Must use geared adapter. Use of adapter changes PTO output rotation.
- F7:** For vehicles with Spring Hanger interference use adapter AD645-01. Not applicable for direct mount pumps. Use of adapter changes PTO output rotation.

////////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //



Eaton Fuller

Eaton Fuller

FS-5106A
FS-5306A/X





FS-5406A
FS-6206A

FS-6306A/B
FS-6306X

FS-6406A/B
FSB-5406B

FSB-6406B

FUL.20

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		50	250	47	INCL		GA6062	OPP	17	
		C (73)		66	250	47	INCL		GA6062	OPP	17	
		E (86)		78	225	43	INCL		GA6062	OPP	17	
		J (95)		86	225	43	INCL		GA6062	OPP	17	
		O (125)		113	195	37	INCL		GA6062	OPP	17	
		R (137)		124	180	34	INCL		GA6062	OPP	17	
		S (150)		135	162	31	INCL		GA6062	OPP	17	
		T (165)		149	148	28	INCL		GA6062	OPP	17	
3200		Z (40)		36	250	47	INCL		GA6062	OPP	17	
		A (50)		45	250	47	INCL		GA6062	OPP	17	
		B (55)		50	250	47	INCL		GA6062	OPP	17	
		C (73)		66	250	47	INCL		GA6062	OPP	17	
		E (86)		79	225	43	INCL		GA6062	OPP	17	
		J (95)		86	225	43	INCL		GA6062	OPP	17	
		O (125)		113	195	37	INCL		GA6062	OPP	17	
		R (137)		123	180	34	INCL		GA6062	OPP	17	
6000		Forward (73)		66	150	28	INCL		GA6062	BOTH	17	
		Reverse (83)		75	150	28	INCL		GA6062	BOTH	17	

For complete part numbers, consult the PTO Series section (page 25)


Eaton Fuller

Eaton Fuller

FS-3005B (1988 & Before)

FS-4005B (Before 11/87)

FUL.21

6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		43	250	47	INCL	Before 11/87		OPP	23	
		C (73)		57	250	47	INCL	Before 11/87		OPP	23	
		E (86)		68	225	43	INCL	Before 11/87		OPP	23	
		J (95)		74	225	43	INCL	Before 11/87		OPP	23	
		O (125)		97	195	37	INCL	Before 11/87		OPP	23	
		R (137)		107	180	34	INCL	Before 11/87		OPP	23	
		S (150)		117	162	31	INCL	Before 11/87		OPP	23	
		T (165)		128	148	28	INCL	Before 11/87		OPP	23	
6000		Forward (73)		57	150	28	INCL	Before 11/87		BOTH	23	
		Reverse (83)		65	150	28	INCL	Before 11/87		BOTH	23	

Eaton Fuller

////////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //



Eaton Fuller



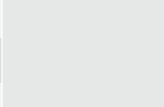

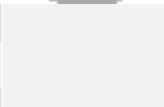


FS-3005B (1989 & After)

FS-3205B

FS-4005B (11/87 & After)

FS-4205B

FUL.22

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		43	250	47	INCL			OPP	18	
		C (73)		57	250	47	INCL			OPP	18	
		E (86)		68	225	43	INCL			OPP	18	
		J (95)		74	225	43	INCL			OPP	18	
		O (125)		97	195	37	INCL			OPP	18	
		R (137)		107	180	34	INCL			OPP	18	
		S (150)		117	162	31	INCL			OPP	18	
		T (165)		129	148	28	INCL			OPP	18	
3200		Z (40)		31	250	47	INCL			OPP	18	
		A (50)		39	250	47	INCL			OPP	18	
		B (55)		43	250	47	INCL			OPP	18	
		C (73)		57	250	47	INCL			OPP	18	
		E (86)		68	225	43	INCL			OPP	18	
		J (95)		75	225	43	INCL			OPP	18	
		O (125)		97	195	37	INCL			OPP	18	
		R (137)		107	180	34	INCL			OPP	18	
		S (150)		117	162	31	INCL			OPP	18	
		T (165)		128	148	28	INCL			OPP	18	
6000		Forward (73)		57	150	28	INCL			BOTH	18	
		Reverse (83)		65	150	28	INCL			BOTH	18	

Eaton Fuller

For complete part numbers, consult the PTO Series section (page 25)

Eaton Fuller

FS-3005C

FS-3205C

FS-4005C

FS-4205C

FUL.23

6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		44	250	47	S3		GA6093	OPP	15	
		C (73)		59	250	47	S3		GA6093	OPP	15	
		E (86)		70	225	43	S3		GA6093	OPP	15	
		J (95)		77	225	43	S3		GA6093	OPP	15	
		O (125)		101	195	37	S3		GA6093	OPP	15	
		R (137)		111	180	34	S3		GA6093	OPP	15	
		S (150)		121	162	31	S3		GA6093	OPP	15	
		T (165)		133	148	28	S3		GA6093	OPP	15	
3200		Z (40)		32	250	47	S3		GA6093	OPP	15	
		A (50)		40	250	47	S3		GA6093	OPP	15	
		B (55)		44	250	47	S3		GA6093	OPP	15	
		C (73)		59	250	47	S3		GA6093	OPP	15	
		E (86)		71	225	43	S3		GA6093	OPP	15	
		J (95)		77	225	43	S3		GA6093	OPP	15	
		O (125)		101	195	37	S3		GA6093	OPP	15	
		R (137)		110	180	34	S3		GA6093	OPP	15	
		S (150)		121	162	31	S3		GA6093	OPP	15	
	T (165)		133	148	28	S3		GA6093	OPP	15		
6000		Forward (73)		59	150	28	S3		GA6093	BOTH	15	
		Reverse (83)		67	150	28	S3		GA6093	BOTH	15	

Eaton Fuller

For complete part numbers, consult the PTO Series section (page 25)



Eaton Fuller



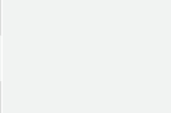

F-5405-DM3
F-6406N-ASW
F-6406N-ASX

F-6406N-AW3
F-8406N-ASW
F-8406N-AW3

FO-6406N-AW3
FS-5406N
FS-6406N

FS-6406N-ASW
FS-6406N-ASX
FS-6406N-AW3

FUL.24

6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		49	250	47	INCL			OPP	42	
		C (73)		66	250	47	INCL			OPP	42	
		E (86)		78	225	43	INCL			OPP	42	
		J (95)		85	225	43	INCL			OPP	42	
		O (125)		112	195	37	INCL			OPP	42	
		R (137)		123	180	34	INCL			OPP	42	
		S (150)		135	162	31	INCL			OPP	42	
		T (165)		148	148	28	INCL			OPP	42	
3200		Z (40)		36	250	47	INCL			OPP	42	
		A (50)		45	250	47	INCL			OPP	42	
		B (55)		49	250	47	INCL			OPP	42	
		C (73)		66	250	47	INCL			OPP	42	
		E (86)		79	225	43	INCL			OPP	42	
		J (95)		86	225	43	INCL			OPP	42	
		O (125)		112	195	37	INCL			OPP	42	
		R (137)		123	180	34	INCL			OPP	42	
		S (150)		135	162	31	INCL			OPP	42	
6000		Forward (73)		66	150	28	INCL			BOTH	42	
		Reverse (83)		75	150	28	INCL			BOTH	42	

FOOT NOTES:

F4: Limited clearance for direct mount pumps. A May find better clearance with "1" assembly arrangement (shaft high).

F5: ASW Transmission Code requires connection to TCM.

Left side opening not usable on ASW and ASX transmissions due to countershaft brake.

For complete part numbers, consult the PTO Series section (page 25)

Eaton Fuller




Eaton Fuller

T-11605A/B

T-905A/B/H/P

T-955AL/ALL

FUL.25

6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		60	250	47	INCL	(F6,7)		OPP	01	
		C (73)		80	250	47	INCL	(F6,7)		OPP	01	
		E (86)		95	225	43	INCL	(F6,7)		OPP	01	
		J (95)		104	225	43	INCL	(F6,7)		OPP	01	
		O (125)		136	195	37	INCL	(F6,7)		OPP	01	
		R (137)		149	180	34	INCL	(F6,7)		OPP	01	
		S (150)		164	162	31	INCL	(F6,7)		OPP	01	
		T (165)		180	148	28	INCL	(F6,7)		OPP	01	
3200		Z (40)		44	250	47	INCL	(F6,7)		OPP	01	
		A (50)		55	250	47	INCL	(F6,7)		OPP	01	
		B (55)		60	250	47	INCL	(F6,7)		OPP	01	
		C (73)		80	250	47	INCL	(F6,7)		OPP	01	
		E (86)		95	225	43	INCL	(F6,7)		OPP	01	
		J (95)		104	225	43	INCL	(F6,7)		OPP	01	
		O (125)		136	195	37	INCL	(F6,7)		OPP	01	
		R (137)		149	180	34	INCL	(F6,7)		OPP	01	
		S (150)		164	162	31	INCL	(F6,7)		OPP	01	
6000		Forward (73)		80	150	28	INCL	(F7)		BOTH	01	
		Reverse (83)		90	150	28	INCL	(F7)		BOTH	01	

Eaton Fuller

For complete part numbers, consult the PTO Series section (page 25)







Eaton Fuller

T-11605A/B

T-905A/B/H/P

T-955AL/ALL

FUL.25

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)		53	250	47	INCL			OPP	O1	
		B (55)		63	250	47	INCL			OPP	O1	
		C (73)		83	250	47	INCL			OPP	O1	
		E (86)		99	225	43	INCL			OPP	O1	
		J (95)		108	225	43	INCL			OPP	O1	
		O (125)		142	180	34	INCL			OPP	O1	
		R (137)		156	170	32	INCL			OPP	O1	
		S (150)		171	155	29	INCL			OPP	O1	
		T (165)		188	140	27	INCL			OPP	O1	
3800		Z (40)		46	250	47	INCL	CLUTCH SHIFT		OPP	O1	
		A (50)		57	250	47	INCL	CLUTCH SHIFT		OPP	O1	
		B (55)		63	250	47	INCL	CLUTCH SHIFT		OPP	O1	
		C (73)		83	250	47	INCL	CLUTCH SHIFT		OPP	O1	
		E (86)		100	225	43	INCL	CLUTCH SHIFT		OPP	O1	
		J (95)		109	225	43	INCL	CLUTCH SHIFT		OPP	O1	
		O (125)		142	195	37	INCL	CLUTCH SHIFT		OPP	O1	
		R (137)		156	180	34	INCL	CLUTCH SHIFT		OPP	O1	
		S (150)		171	162	31	INCL	CLUTCH SHIFT		OPP	O1	
4100		B (57)		62	420	80	INCL			OPP	O1	
		C (70)		76	350	66	INCL			OPP	O1	
		E (86)		94	285	54	INCL			OPP	O1	
		J (105)		114	235	44	INCL			OPP	O1	
4250		Output 1 C (96)		75	355	67	INCL	(F25)		OPP	O1	
		Output 2 B (89)		70	380	72	INCL	(F25)		OPP	O1	
		Output 1 E (112)		88	300	57	INCL	(F25)		OPP	O1	
		Output 2 C (104)		81	325	62	INCL	(F25)		OPP	O1	
		Output 1 J (132)		103	260	49	INCL	(F25)		OPP	O1	
		Output 2 E (121)		95	280	53	INCL	(F25)		OPP	O1	
		Output 1 O (168)		132	200	38	INCL	(F25)		OPP	O1	
		Output 2 J (152)		119	220	42	INCL	(F25)		OPP	O1	

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)

Eaton Fuller

Eaton Fuller

T-11605A/B

T-905A/B/H/P

T-955AL/ALL

FUL.25

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
6800		Forward (55)		60	150	28	INCL			BOTH	O1	
		Reverse (52)		57	150	28	INCL			BOTH	O1	
8000		Forward (40)		47	500	95	INCL			BOTH	O1	
		Reverse (50)		56	500	95	INCL			BOTH	O1	
8500		B (57)		43	500	95	INCL			OPP	O1	
		C (70)		57	485	92	INCL			OPP	O1	
		E (86)		68	400	76	INCL			OPP	O1	
		J (105)		85	325	62	INCL			OPP	O1	
		O (127)		98	270	51	INCL			OPP	O1	
		R (137)		107	250	47	INCL			OPP	O1	
		S (150)		117	225	43	INCL			OPP	O1	
	T (165)		129	210	40	INCL			OPP	O1		

CAUTION:

Eaton Transmission Division has established a **Maximum Torque Limit** for the transmission PTO driver gear. For all RT/RTO/RTLO transmissions the torque limit is **350 ft-lbs (475 Nm) Maximum** unless the transmission has been upgraded to a roller type input shaft bearing.

The Eaton part number **4301417** when installed moves the torque rating for the PTO driver gear to **500 ft-lbs (678 Nm) of torque Maximum**. All torque limits listed in the BZ application book are intermediate ratings. If the transmission has not been upgraded as described above

DO NOT exceed 350 ft-lbs of torque for any application.

FOOT NOTES:

- F25:** Do not exceed maximum torque and power shown in Output 2 when both outputs are working simultaneously.
- F6:** Direct mount pumps will not clear bulge on transmission case. Must use geared adapter. Use of adapter changes PTO output rotation.
- F7:** For vehicles with Spring Hanger interference use adapter AD645-01. Not applicable for direct mount pumps. Use of adapter changes PTO output rotation.

For complete part numbers, consult the PTO Series section (page 25)



Eaton Fuller

Eaton Fuller

FS-5005B

FS-5205B

FUL.26

6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		25	250	47	INCL			ENG	06	
		C (73)		33	250	47	INCL			ENG	06	
		E (86)		39	225	43	INCL			ENG	06	
		J (95)		43	225	43	INCL			ENG	06	
		O (125)		56	195	37	INCL			ENG	06	
		R (137)		62	180	34	INCL			ENG	06	
		S (150)		67	162	31	INCL			ENG	06	
		T (165)		74	148	28	INCL			ENG	06	
1000		B (55)		45	250	47	S3		GA6093	OPP	30	
		C (73)		59	250	47	S3		GA6093	OPP	30	
		E (86)		70	225	43	S3		GA6093	OPP	30	
		J (95)		77	225	43	S3		GA6093	OPP	30	
		O (125)		101	195	37	S3		GA6093	OPP	30	
		R (137)		111	180	34	S3		GA6093	OPP	30	
		S (150)		122	162	31	S3		GA6093	OPP	30	
		T (165)		134	148	28	S3		GA6093	OPP	30	
3200		Z (40)		19	250	47	S3		GA6093	OPP	30	
		A (50)		23	250	47	S3		GA6093	OPP	30	
		B (55)		26	250	47	S3		GA6093	OPP	30	
		C (73)		34	250	47	S3		GA6093	OPP	30	
		E (86)		41	225	43	S3		GA6093	OPP	30	
		J (95)		45	225	43	S3		GA6093	OPP	30	
		O (125)		58	195	37	S3		GA6093	OPP	30	
		R (137)		64	180	34	S3		GA6093	OPP	30	
		S (150)		70	162	31	S3		GA6093	OPP	30	
6000		Forward (73)		32	150	28	INCL			BOTH	06	
		Reverse (83)		37	150	28	INCL			BOTH	06	
6000		Forward (73)		59	150	28	S3		GA6093	BOTH	30	
		Reverse (83)		67	150	28	S3		GA6093	BOTH	30	

Eaton Fuller

For complete part numbers, consult the PTO Series section (page 25)

Eaton Fuller

FS-5005C

FS-5205C

FUL.27

6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		24	250	47	INCL			ENG	06	
		C (73)		32	250	47	INCL			ENG	06	
		E (86)		39	225	43	INCL			ENG	06	
		J (95)		42	225	43	INCL			ENG	06	
		O (125)		56	195	37	INCL			ENG	06	
		R (137)		61	180	34	INCL			ENG	06	
		S (150)		67	162	31	INCL			ENG	06	
		T (165)		73	148	28	INCL			ENG	06	
1000		B (55)		41	250	47	S3		61875	OPP	22	
		C (73)		54	250	47	S3		61875	OPP	22	
		E (86)		65	225	43	S3		61875	OPP	22	
		J (95)		71	225	43	S3		61875	OPP	22	
		O (125)		93	195	37	S3		61875	OPP	22	
		R (137)		101	180	34	S3		61875	OPP	22	
		S (150)		111	162	31	S3		61875	OPP	22	
		T (165)		122	148	28	S3		61875	OPP	22	
3200		Z (40)		30	250	47	S3		61875	OPP	22	
		A (50)		37	250	47	S3		61875	OPP	22	
		B (55)		41	250	47	S3		61875	OPP	22	
		C (73)		54	250	47	S3		61875	OPP	22	
		E (86)		65	225	43	S3		61875	OPP	22	
		J (95)		71	225	43	S3		61875	OPP	22	
		O (125)		93	195	37	S3		61875	OPP	22	
		R (137)		101	180	34	S3		61875	OPP	22	
		S (150)		111	162	31	S3		61875	OPP	22	
		T (165)		122	148	28	S3		61875	OPP	22	
6000		Forward (73)		32	150	28	INCL			BOTH	06	
		Reverse (83)		37	150	28	INCL			BOTH	06	
6000		Forward (73)		54	150	28	S3		61875	BOTH	22	
		Reverse (83)		61	150	28	S3		61875	BOTH	22	

Eaton Fuller

For complete part numbers, consult the PTO Series section (page 25)







Eaton Fuller

FSM-5005H

FSM-5305H

FUL.28

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		45	250	47	INCL		GA6062	OPP	30	
		C (73)		59	250	47	INCL		GA6062	OPP	30	
		E (86)		71	225	43	INCL		GA6062	OPP	30	
		J (95)		77	225	43	INCL		GA6062	OPP	30	
		O (125)		102	195	37	INCL		GA6062	OPP	30	
		R (137)		112	180	34	INCL		GA6062	OPP	30	
		S (150)		122	162	31	INCL		GA6062	OPP	30	
		T (165)		134	148	28	INCL		GA6062	OPP	30	
3200		Z (40)		33	250	47	INCL		GA6062	OPP	30	
		A (50)		41	250	47	INCL		GA6062	OPP	30	
		B (55)		45	250	47	INCL		GA6062	OPP	30	
		C (73)		59	250	47	INCL		GA6062	OPP	30	
		E (86)		71	225	43	INCL		GA6062	OPP	30	
		J (95)		78	225	43	INCL		GA6062	OPP	30	
		O (125)		102	195	37	INCL		GA6062	OPP	30	
		R (137)		111	180	34	INCL		GA6062	OPP	30	
		S (150)		122	162	31	INCL		GA6062	OPP	30	
	T (165)		134	148	28	INCL		GA6062	OPP	30		
6000		Forward (73)		59	150	28	INCL		GA6062	BOTH	30	
		Reverse (83)		68	150	28	INCL		GA6062	BOTH	30	





For complete part numbers, consult the PTO Series section (page 25)

Eaton Fuller

Eaton Fuller

FSM-5005J

FUL.29

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		43	250	47	INCL		GA6062	OPP	30	
		C (73)		58	250	47	INCL		GA6062	OPP	30	
		E (86)		69	225	43	INCL		GA6062	OPP	30	
		J (95)		75	225	43	INCL		GA6062	OPP	30	
		O (125)		99	195	37	INCL		GA6062	OPP	30	
		R (137)		108	180	34	INCL		GA6062	OPP	30	
		S (150)		118	162	31	INCL		GA6062	OPP	30	
		T (165)		130	148	28	INCL		GA6062	OPP	30	
3200		Z (40)		32	250	47	INCL		GA6062	OPP	30	
		A (50)		39	250	47	INCL		GA6062	OPP	30	
		B (55)		43	250	47	INCL		GA6062	OPP	30	
		C (73)		58	250	47	INCL		GA6062	OPP	30	
		E (86)		69	225	43	INCL		GA6062	OPP	30	
		J (95)		76	225	43	INCL		GA6062	OPP	30	
		O (125)		99	195	37	INCL		GA6062	OPP	30	
		R (137)		108	180	34	INCL		GA6062	OPP	30	
6000		Forward (73)		58	150	28	INCL		GA6062	BOTH	30	
		Reverse (83)		66	150	28	INCL		GA6062	BOTH	30	

Eaton Fuller

For complete part numbers, consult the PTO Series section (page 25)



Eaton Fuller

RT-11608





RT-14608

RT-8606L

RT-8608L

RT-9508

FUL.30

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		65	250	47	INCL	(F6,7)		OPP	01	
		C (73)		86	250	47	INCL	(F6,7)		OPP	01	
		E (86)		103	225	43	INCL	(F6,7)		OPP	01	
		J (95)		112	225	43	INCL	(F6,7)		OPP	01	
		O (125)		148	195	37	INCL	(F6,7)		OPP	01	
		R (137)		162	180	34	INCL	(F6,7)		OPP	01	
		S (150)		177	162	31	INCL	(F6,7)		OPP	01	
		T (165)		195	148	28	INCL	(F6,7)		OPP	01	
3200		Z (40)		47	250	47	INCL	(F6,7)		OPP	01	
		A (50)		59	250	47	INCL	(F6,7)		OPP	01	
		B (55)		65	250	47	INCL	(F6,7)		OPP	01	
		C (73)		86	250	47	INCL	(F6,7)		OPP	01	
		E (86)		103	225	43	INCL	(F6,7)		OPP	01	
		J (95)		113	225	43	INCL	(F6,7)		OPP	01	
		O (125)		148	195	37	INCL	(F6,7)		OPP	01	
		R (137)		162	180	34	INCL	(F6,7)		OPP	01	
		S (150)		177	162	31	INCL	(F6,7)		OPP	01	
	T (165)		195	148	28	INCL	(F6,7)		OPP	01		
6000		Forward (73)		86	150	28	INCL			BOTH	01	
		Reverse (83)		98	150	28	INCL			BOTH	01	

Eaton Fuller

////////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //



Eaton Fuller

RT-11608





RT-14608

RT-8606L

RT-8608L

RT-9508

FUL.30

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)		59	250	47	INCL	(F11)		OPP	O1	
		B (55)		68	250	47	INCL	(F11)		OPP	O1	
		C (73)		90	250	47	INCL	(F11)		OPP	O1	
		E (86)		107	225	43	INCL	(F11)		OPP	O1	
		J (95)		117	225	43	INCL	(F11)		OPP	O1	
		O (125)		154	180	34	INCL	(F11)		OPP	O1	
		R (137)		169	170	32	INCL	(F11)		OPP	O1	
		S (150)		185	155	29	INCL	(F11)		OPP	O1	
		T (165)		204	140	27	INCL	(F11)		OPP	O1	
3800		Z (40)		49	250	47	INCL	(F11) CLUTCH SHIFT		OPP	O1	
		A (50)		62	250	47	INCL	(F11) CLUTCH SHIFT		OPP	O1	
		B (55)		68	250	47	INCL	(F11) CLUTCH SHIFT		OPP	O1	
		C (73)		90	250	47	INCL	(F11) CLUTCH SHIFT		OPP	O1	
		E (86)		108	225	43	INCL	(F11) CLUTCH SHIFT		OPP	O1	
		J (95)		118	225	43	INCL	(F11) CLUTCH SHIFT		OPP	O1	
		O (125)		154	195	37	INCL	(F11) CLUTCH SHIFT		OPP	O1	
		R (137)		169	180	34	INCL	(F11) CLUTCH SHIFT		OPP	O1	
		S (150)		185	162	31	INCL	(F11) CLUTCH SHIFT		OPP	O1	
4100		T (165)		203	148	28	INCL	(F11) CLUTCH SHIFT		OPP	O1	
		B (57)		67	420	80	INCL	(F11)		OPP	O1	
		C (70)		83	350	66	INCL	(F11)		OPP	O1	
		E (86)		102	285	54	INCL	(F11)		OPP	O1	
4250		J (105)		124	235	44	INCL	(F11)		OPP	O1	
		Output 1 C (96)		82	355	67	INCL	(F11,25)		OPP	O1	
		Output 2 B (89)		76	380	72	INCL	(F11,25)		OPP	O1	
		Output 1 E (112)		96	300	57	INCL	(F11,25)		OPP	O1	
		Output 2 C (104)		88	325	62	INCL	(F11,25)		OPP	O1	
		Output 1 J (132)		112	260	49	INCL	(F11,25)		OPP	O1	
		Output 2 E (121)		103	280	53	INCL	(F11,25)		OPP	O1	
		Output 1 O (168)		143	200	38	INCL	(F11,25)		OPP	O1	
	Output 2 J (152)		129	220	42	INCL	(F11,25)		OPP	O1		

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)



Eaton Fuller

RT-11608

RT-14608

RT-8606L

RT-8608L

RT-9508

FUL.30

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
6800		Forward (55)		65	150	28	INCL	(F11)		BOTH	O1	
		Reverse (52)		61	150	28	INCL	(F11)		BOTH	O1	
8000		Forward (40)		51	500	95	INCL	(F11)		BOTH	O1	
		Reverse (50)		61	500	95	INCL	(F11)		BOTH	O1	
8500		B (57)		47	500	95	INCL	(F11)		OPP	O1	
		C (70)		62	485	92	INCL	(F11)		OPP	O1	
		E (86)		74	400	76	INCL	(F11)		OPP	O1	
		J (105)		92	325	62	INCL	(F11)		OPP	O1	
		O (127)		106	270	51	INCL	(F11)		OPP	O1	
		R (137)		116	250	47	INCL	(F11)		OPP	O1	
		S (150)		127	225	43	INCL	(F11)		OPP	O1	
		T (165)		140	210	40	INCL	(F11)		OPP	O1	

CAUTION:

Eaton Transmission Division has established a **Maximum Torque Limit** for the transmission PTO driver gear. For all RT/RTO/RTLO transmissions the torque limit is **350 ft-lbs (475 Nm) Maximum** unless the transmission has been upgraded to a roller type input shaft bearing.

The Eaton part number **4301417** when installed moves the torque rating for the PTO driver gear to **500 ft-lbs (678 Nm) of torque Maximum**. All torque limits listed in the BZ application book are intermediate ratings. If the transmission has not been upgraded as described above

DO NOT exceed 350 ft-lbs of torque for any application.

FOOT NOTES:

F11: Trucks with setback front axles and direct mount pumps will have better clearance with "3" assembly arrangement. This will also provide better clearance of air tanks on International chassis.

F25: Do not exceed maximum torque and power shown in Output 2 when both outputs are working simultaneously.

F6: Direct mount pumps will not clear bulge on transmission case. Must use geared adapter. Use of adapter changes PTO output rotation.

F7: For vehicles with Spring Hanger interference use adapter AD645-01. Not applicable for direct mount pumps. Use of adapter changes PTO output rotation.

//////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //////////////////////////////////////





Eaton Fuller

Eaton Fuller

TO-11605C

TO-905C

FUL.31

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		68	250	47	INCL	(F7)		OPP	01	
		C (73)		91	250	47	INCL	(F7)		OPP	01	
		E (86)		108	225	43	INCL	(F7)		OPP	01	
		J (95)		118	225	43	INCL	(F7)		OPP	01	
		O (125)		155	195	37	INCL	(F7)		OPP	01	
		R (137)		170	180	34	INCL	(F7)		OPP	01	
		S (150)		186	162	31	INCL	(F7)		OPP	01	
		T (165)		205	148	28	INCL	(F7)		OPP	01	
3200		Z (40)		50	250	47	INCL	(F7)		OPP	01	
		A (50)		62	250	47	INCL	(F7)		OPP	01	
		B (55)		68	250	47	INCL	(F7)		OPP	01	
		C (73)		91	250	47	INCL	(F7)		OPP	01	
		E (86)		109	225	43	INCL	(F7)		OPP	01	
		J (95)		119	225	43	INCL	(F7)		OPP	01	
		O (125)		155	195	37	INCL	(F7)		OPP	01	
		R (137)		170	180	34	INCL	(F7)		OPP	01	
6000		Forward (73)		91	150	28	INCL	(F7)		BOTH	01	
		Reverse (83)		103	150	28	INCL	(F7)		BOTH	01	

Eaton Fuller

For complete part numbers, consult the PTO Series section (page 25)







Eaton Fuller

TO-11605C

TO-905C

FUL.31

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)		60	250	47	INCL			OPP	O1	
		B (55)		71	250	47	INCL			OPP	O1	
		C (73)		95	250	47	INCL			OPP	O1	
		E (86)		113	225	43	INCL			OPP	O1	
		J (95)		123	225	43	INCL			OPP	O1	
		O (125)		162	180	34	INCL			OPP	O1	
		R (137)		178	170	32	INCL			OPP	O1	
		S (150)		195	155	29	INCL			OPP	O1	
		T (165)		214	140	27	INCL			OPP	O1	
3800		Z (40)		52	250	47	INCL	CLUTCH SHIFT		OPP	O1	
		A (50)		65	250	47	INCL	CLUTCH SHIFT		OPP	O1	
		B (55)		71	250	47	INCL	CLUTCH SHIFT		OPP	O1	
		C (73)		95	250	47	INCL	CLUTCH SHIFT		OPP	O1	
		E (86)		113	225	43	INCL	CLUTCH SHIFT		OPP	O1	
		J (95)		124	225	43	INCL	CLUTCH SHIFT		OPP	O1	
		O (125)		162	195	37	INCL	CLUTCH SHIFT		OPP	O1	
		R (137)		177	180	34	INCL	CLUTCH SHIFT		OPP	O1	
		S (150)		195	162	31	INCL	CLUTCH SHIFT		OPP	O1	
4100		T (165)		214	148	28	INCL	CLUTCH SHIFT		OPP	O1	
		B (57)		71	420	80	INCL			OPP	O1	
		C (70)		87	350	66	INCL			OPP	O1	
		E (86)		107	285	54	INCL			OPP	O1	
4250		J (105)		130	235	44	INCL			OPP	O1	
		Output 1 C (96)		86	355	67	INCL	(F25)		OPP	O1	
		Output 2 B (89)		80	380	72	INCL	(F25)		OPP	O1	
		Output 1 E (112)		100	300	57	INCL	(F25)		OPP	O1	
		Output 2 C (104)		93	325	62	INCL	(F25)		OPP	O1	
		Output 1 J (132)		118	260	49	INCL	(F25)		OPP	O1	
		Output 2 E (121)		108	280	53	INCL	(F25)		OPP	O1	
		Output 1 O (168)		150	200	38	INCL	(F25)		OPP	O1	
	Output 2 J (152)		136	220	42	INCL	(F25)		OPP	O1		

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)


Eaton Fuller

Eaton Fuller

TO-11605C

TO-905C

FUL.31

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
6800		Forward (55)		68	150	28	INCL			BOTH	O1	
		Reverse (52)		65	150	28	INCL			BOTH	O1	
8000		Forward (40)		53	500	95	INCL			BOTH	O1	
		Reverse (50)		64	500	95	INCL			BOTH	O1	
8500		B (57)		49	500	95	INCL			OPP	O1	
		C (70)		65	485	92	INCL			OPP	O1	
		E (86)		78	400	76	INCL			OPP	O1	
		J (105)		96	325	62	INCL			OPP	O1	
		O (127)		111	270	51	INCL			OPP	O1	
		R (137)		122	250	47	INCL			OPP	O1	
		S (150)		134	225	43	INCL			OPP	O1	
		T (165)		147	210	40	INCL			OPP	O1	

CAUTION:

Eaton Transmission Division has established a **Maximum Torque Limit** for the transmission PTO driver gear. For all RT/RTO/RTLO transmissions the torque limit is **350 ft-lbs (475 Nm) Maximum** unless the transmission has been upgraded to a roller type input shaft bearing.

The Eaton part number **4301417** when installed moves the torque rating for the PTO driver gear to **500 ft-lbs (678 Nm) of torque Maximum**. All torque limits listed in the BZ application book are intermediate ratings. If the transmission has not been upgraded as described above

DO NOT exceed 350 ft-lbs of torque for any application.

FOOT NOTES:

F25: Do not exceed maximum torque and power shown in Output 2 when both outputs are working simultaneously.

F7: For vehicles with Spring Hanger interference use adapter AD645-01. Not applicable for direct mount pumps. Use of adapter changes PTO output rotation.

For complete part numbers, consult the PTO Series section (page 25)







Eaton Fuller

T-11605D/M

T-905D/M

FUL.32

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		70	250	47	INCL	(F7)		OPP	01	
		C (73)		92	250	47	INCL	(F7)		OPP	01	
		E (86)		110	225	43	INCL	(F7)		OPP	01	
		J (95)		120	225	43	INCL	(F7)		OPP	01	
		O (125)		158	195	37	INCL	(F7)		OPP	01	
		R (137)		173	180	34	INCL	(F7)		OPP	01	
		S (150)		190	162	31	INCL	(F7)		OPP	01	
		T (165)		209	148	28	INCL	(F7)		OPP	01	
3200		Z (40)		51	250	47	INCL	(F7)		OPP	01	
		A (50)		63	250	47	INCL	(F7)		OPP	01	
		B (55)		70	250	47	INCL	(F7)		OPP	01	
		C (73)		92	250	47	INCL	(F7)		OPP	01	
		E (86)		111	225	43	INCL	(F7)		OPP	01	
		J (95)		121	225	43	INCL	(F7)		OPP	01	
		O (125)		158	195	37	INCL	(F7)		OPP	01	
		R (137)		173	180	34	INCL	(F7)		OPP	01	
		S (150)		190	162	31	INCL	(F7)		OPP	01	
	T (165)		209	148	28	INCL	(F7)		OPP	01		
6000		Forward (73)		92	150	28	INCL	(F7)		BOTH	01	
		Reverse		105	150	28	INCL	(F7)		BOTH	01	

Eaton Fuller





//////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //////////////////////////////////////

Eaton Fuller

T-11605D/M

T-905D/M

FUL.32

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)		62	250	47	INCL			OPP	O1	
		B (55)		73	250	47	INCL			OPP	O1	
		C (73)		97	250	47	INCL			OPP	O1	
		E (86)		115	225	43	INCL			OPP	O1	
		J (95)		126	225	43	INCL			OPP	O1	
		O (125)		165	180	34	INCL			OPP	O1	
		R (137)		181	170	32	INCL			OPP	O1	
		S (150)		198	155	29	INCL			OPP	O1	
		T (165)		218	140	27	INCL			OPP	O1	
3800		Z (40)		53	250	47	INCL	CLUTCH SHIFT		OPP	O1	
		A (50)		66	250	47	INCL	CLUTCH SHIFT		OPP	O1	
		B (55)		73	250	47	INCL	CLUTCH SHIFT		OPP	O1	
		C (73)		97	250	47	INCL	CLUTCH SHIFT		OPP	O1	
		E (86)		116	225	43	INCL	CLUTCH SHIFT		OPP	O1	
		J (95)		126	225	43	INCL	CLUTCH SHIFT		OPP	O1	
		O (125)		165	195	37	INCL	CLUTCH SHIFT		OPP	O1	
		R (137)		181	180	34	INCL	CLUTCH SHIFT		OPP	O1	
		S (150)		198	162	31	INCL	CLUTCH SHIFT		OPP	O1	
4100		T (165)		218	148	28	INCL	CLUTCH SHIFT		OPP	O1	
		B (57)		72	420	80	INCL			OPP	O1	
		C (70)		89	350	66	INCL			OPP	O1	
		E (86)		109	285	54	INCL			OPP	O1	
4250		J (105)		133	235	44	INCL			OPP	O1	
		Output 1 C (96)		87	355	67	INCL	(F25)		OPP	O1	
		Output 2 B (89)		81	380	72	INCL	(F25)		OPP	O1	
		Output 1 E (112)		102	300	57	INCL	(F25)		OPP	O1	
		Output 2 C (104)		94	325	62	INCL	(F25)		OPP	O1	
		Output 1 J (132)		120	260	49	INCL	(F25)		OPP	O1	
		Output 2 E (121)		110	280	53	INCL	(F25)		OPP	O1	
		Output 1 O (168)		153	200	38	INCL	(F25)		OPP	O1	
	Output 2 J (152)		139	220	42	INCL	(F25)		OPP	O1		

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)






Eaton Fuller

T-11605D/M

T-905D/M

FUL.32

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
6800		Forward (55)		70	150	28	INCL			BOTH	O1	
		Reverse (52)		66	150	28	INCL			BOTH	O1	
8000		Forward (40)		55	500	95	INCL			BOTH	O1	
		Reverse (50)		65	500	95	INCL			BOTH	O1	
8500		B (57)		50	500	95	INCL			OPP	O1	
		C (70)		66	485	92	INCL			OPP	O1	
		E (86)		79	400	76	INCL			OPP	O1	
		J (105)		98	325	62	INCL			OPP	O1	
		O (127)		114	270	51	INCL			OPP	O1	
		R (137)		125	250	47	INCL			OPP	O1	
		S (150)		136	225	43	INCL			OPP	O1	
		T (165)		150	210	40	INCL			OPP	O1	

CAUTION:

Eaton Transmission Division has established a **Maximum Torque Limit** for the transmission PTO driver gear. For all RT/RTO/RTLO transmissions the torque limit is **350 ft-lbs (475 Nm) Maximum** unless the transmission has been upgraded to a roller type input shaft bearing.

The Eaton part number **4301417** when installed moves the torque rating for the PTO driver gear to **500 ft-lbs (678 Nm) of torque Maximum**. All torque limits listed in the BZ application book are intermediate ratings. If the transmission has not been upgraded as described above

DO NOT exceed 350 ft-lbs of torque for any application.

FOOT NOTES:

F25: Do not exceed maximum torque and power shown in Output 2 when both outputs are working simultaneously.

F7: For vehicles with Spring Hanger interferenceuse adapter AD645-01. Not applicable for direct mount pumps. Use of adapter changes PTO output rotation.

For complete part numbers, consult the PTO Series section (page 25)





Eaton Fuller

Eaton Fuller

TO-11605B

TO-905B

FUL.33

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		70	250	47	INCL	(F6,7)		OPP	01	
		C (73)		92	250	47	INCL	(F6,7)		OPP	01	
		E (86)		110	225	43	INCL	(F6,7)		OPP	01	
		J (95)		120	225	43	INCL	(F6,7)		OPP	01	
		O (125)		158	195	37	INCL	(F6,7)		OPP	01	
		R (137)		173	180	34	INCL	(F6,7)		OPP	01	
		S (150)		190	162	31	INCL	(F6,7)		OPP	01	
		T (165)		209	148	28	INCL	(F6,7)		OPP	01	
3200		Z (40)		51	250	47	INCL	(F6,7)		OPP	01	
		A (50)		63	250	47	INCL	(F6,7)		OPP	01	
		B (55)		70	250	47	INCL	(F6,7)		OPP	01	
		C (73)		92	250	47	INCL	(F6,7)		OPP	01	
		E (86)		111	225	43	INCL	(F6,7)		OPP	01	
		J (95)		121	225	43	INCL	(F6,7)		OPP	01	
		O (125)		158	195	37	INCL	(F6,7)		OPP	01	
		R (137)		173	180	34	INCL	(F6,7)		OPP	01	
6000		Forward (73)		92	150	28	INCL	(F7)		BOTH	01	
		Reverse (83)		105	150	28	INCL	(F7)		BOTH	01	

Eaton Fuller

For complete part numbers, consult the PTO Series section (page 25)







Eaton Fuller

TO-11605B

TO-905B

FUL.33

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000	A (50)			54	250	47	INCL	(F11)		OPP	O1	
	B (55)			73	250	47	INCL	(F11)		OPP	O1	
	C (73)			97	250	47	INCL	(F11)		OPP	O1	
	E (86)			115	225	43	INCL	(F11)		OPP	O1	
	J (95)			126	225	43	INCL	(F11)		OPP	O1	
	O (125)			165	180	34	INCL	(F11)		OPP	O1	
	R (137)			181	170	32	INCL	(F11)		OPP	O1	
	S (150)			198	155	29	INCL	(F11)		OPP	O1	
	T (165)			218	140	27	INCL	(F11)		OPP	O1	
3800	Z (40)			53	250	47	INCL	(F11) CLUTCH SHIFT		OPP	O1	
	A (50)			66	250	47	INCL	(F11) CLUTCH SHIFT		OPP	O1	
	B (55)			73	250	47	INCL	(F11) CLUTCH SHIFT		OPP	O1	
	C (73)			97	250	47	INCL	(F11) CLUTCH SHIFT		OPP	O1	
	E (86)			116	225	43	INCL	(F11) CLUTCH SHIFT		OPP	O1	
	J (95)			126	225	43	INCL	(F11) CLUTCH SHIFT		OPP	O1	
	O (125)			165	195	37	INCL	(F11) CLUTCH SHIFT		OPP	O1	
	R (137)			181	180	34	INCL	(F11) CLUTCH SHIFT		OPP	O1	
	S (150)			198	162	31	INCL	(F11) CLUTCH SHIFT		OPP	O1	
T (165)			218	148	28	INCL	(F11) CLUTCH SHIFT		OPP	O1		
4100	B (57)			72	420	80	INCL	(F11)		OPP	O1	
	C (70)			89	350	66	INCL	(F11)		OPP	O1	
	E (86)			109	285	54	INCL	(F11)		OPP	O1	
	J (105)			133	235	44	INCL	(F11)		OPP	O1	
4250	Output 1 C (96)			87	355	67	INCL	(F11,25)		OPP	O1	
	Output 2 B (89)			81	380	72	INCL	(F11,25)		OPP	O1	
	Output 1 E (112)			102	300	57	INCL	(F11,25)		OPP	O1	
	Output 2 C (104)			94	325	62	INCL	(F11,25)		OPP	O1	
	Output 1 J (132)			120	260	49	INCL	(F11,25)		OPP	O1	
	Output 2 E (121)			110	280	53	INCL	(F11,25)		OPP	O1	
	Output 1 O (168)			153	200	38	INCL	(F11,25)		OPP	O1	
	Output 2 J (152)			139	220	42	INCL	(F11,25)		OPP	O1	

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)

Eaton Fuller

Eaton Fuller

TO-11605B

TO-905B

FUL.33

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
6800		Forward (55)		70	150	28	INCL	(F11)		BOTH	O1	
		Reverse (52)		66	150	28	INCL	(F11)		BOTH	O1	
8000		Forward (40)		55	500	95	INCL	(F11)		BOTH	O1	
		Reverse (50)		65	500	95	INCL	(F11)		BOTH	O1	
8500		B (57)		50	500	95	INCL	(F11)		OPP	O1	
		C (70)		66	485	92	INCL	(F11)		OPP	O1	
		E (86)		79	400	76	INCL	(F11)		OPP	O1	
		J (105)		98	325	62	INCL	(F11)		OPP	O1	
		O (127)		114	270	51	INCL	(F11)		OPP	O1	
		R (137)		125	250	47	INCL	(F11)		OPP	O1	
		S (150)		136	225	43	INCL	(F11)		OPP	O1	
		T (165)		150	210	40	INCL	(F11)		OPP	O1	

CAUTION:

Eaton Transmission Division has established a **Maximum Torque Limit** for the transmission PTO driver gear. For all RT/RTO/RTLO transmissions the torque limit is **350 ft-lbs (475 Nm) Maximum** unless the transmission has been upgraded to a roller type input shaft bearing.

The Eaton part number **4301417** when installed moves the torque rating for the PTO driver gear to **500 ft-lbs (678 Nm) of torque Maximum**. All torque limits listed in the BZ application book are intermediate ratings. If the transmission has not been upgraded as described above

DO NOT exceed 350 ft-lbs of torque for any application.

FOOT NOTES:

- F11:** Trucks with setback front axles and direct mount pumps will have better clearance with "3" assembly arrangement. This will also provide better clearance of air tanks on International chassis.
- F25:** Do not exceed maximum torque and power shown in Output 2 when both outputs are working simultaneously.
- F6:** Direct mount pumps will not clear bulge on transmission case. Must use geared adapter. Use of adapter changes PTO output rotation.
- F7:** For vehicles with Spring Hanger interference use adapter AD645-01. Not applicable for direct mount pumps. Use of adapter changes PTO output rotation.



For complete part numbers, consult the PTO Series section (page 25)



Eaton Fuller

Eaton Fuller

FRLO-14410C/C-T2 FRLO-15410C F-LO-15410C-T2 FRLO-16410C/C-T2 FRLO-18410C-T2 **FUL.34**

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1100		B (55)		65	250	47	M1	(F14)		OPP	66	
		C (73)		86	250	47	M1	(F14)		OPP	66	
		E (86)		102	225	43	M1	(F14)		OPP	66	
		J (95)		113	225	43	M1	(F14)		OPP	66	
		O (125)		148	195	37	M1	(F14)		OPP	66	
		R (137)		162	180	34	M1	(F14)		OPP	66	
		S (150)		178	162	31	M1	(F14)		OPP	66	
		T (165)		195	148	28	M1	(F14)		OPP	66	

CAUTION:

Eaton Transmission Division has established a **Maximum Torque Limit** for the transmission PTO driver gear. For all RT/RTO/RTLO transmissions the torque limit is **350 ft-lbs (475 Nm) Maximum** unless the transmission has been upgraded to a roller type input shaft bearing.

The Eaton part number **4301417** when installed moves the torque rating for the PTO driver gear to **500 ft-lbs (678 Nm) of torque Maximum**. All torque limits listed in the BZ application book are intermediate ratings. If the transmission has not been upgraded as described above

DO NOT exceed 350 ft-lbs of torque for any application.

FOOT NOTES:

F14: Kenworth and Mack chassis with set back front axle may encounter spring hanger interference. Use adapter AD622-66-01 and change the PTO input gear to "01"

////////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //

Eaton Fuller

FR-11210B
FR-12210B
FR-13210B

FR-14210B
FR-15210B
FR-9210




FR-9210B
FRW-15210B
RT-11209H

RT-11210B
RT-12209H
RT-12210B

RT-13209H
RT-13210B
RT-14209H

RT-14210B

FUL.36

6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000	B (55)			73	250	47	M1	(F6)		OPP	O1	
	C (73)			97	250	47	M1	(F6)		OPP	O1	
	E (86)			116	225	43	M1	(F6)		OPP	O1	
	J (95)			126	225	43	M1	(F6)		OPP	O1	
	O (125)			166	195	37	M1	(F6)		OPP	O1	
	R (137)			182	180	34	M1	(F6)		OPP	O1	
	S (150)			199	162	31	M1	(F6)		OPP	O1	
	T (165)			219	148	28	M1	(F6)		OPP	O1	
3200	Z (40)			53	250	47	M1	(F6) CLUTCH SHIFT		OPP	O1	
	A (50)			66	250	47	M1	(F6) CLUTCH SHIFT		OPP	O1	
	B (55)			73	250	47	M1	(F6) CLUTCH SHIFT		OPP	O1	
	C (73)			97	250	47	M1	(F6) CLUTCH SHIFT		OPP	O1	
	E (86)			116	225	43	M1	(F6) CLUTCH SHIFT		OPP	O1	
	J (95)			127	225	43	M1	(F6) CLUTCH SHIFT		OPP	O1	
	O (125)			166	195	37	M1	(F6) CLUTCH SHIFT		OPP	O1	
	R (137)			182	180	34	M1	(F6) CLUTCH SHIFT		OPP	O1	
	S (150)			199	162	31	M1	(F6) CLUTCH SHIFT		OPP	O1	
	T (165)			219	148	28	M1	(F6) CLUTCH SHIFT		OPP	O1	
6000	Forward (73)			97	150	28	M1			BOTH	O1	
	Reverse (83)			110	150	28	M1			BOTH	O1	

Eaton Fuller

For complete part numbers, consult the PTO Series section (page 25)



Eaton Fuller

FR-11210B
FR-12210B
FR-13210B

FR-14210B
FR-15210B
FR-9210






FR-9210B
FRW-15210B
RT-11209H

RT-11210B
RT-12209H
RT-12210B

RT-13209H
RT-13210B
RT-14209H

RT-14210B

FUL.36

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000	A (50)			71	250	47	M2			OPP	O1	
	B (55)			76	250	47	M2			OPP	O1	
	C (73)			101	250	47	M2			OPP	O1	
	E (86)			121	225	43	M2			OPP	O1	
	J (95)			132	225	43	M2			OPP	O1	
	O (125)			174	180	34	M2			OPP	O1	
	R (137)			190	170	32	M2			OPP	O1	
	S (150)			208	155	29	M2			OPP	O1	
T (165)			229	140	27	M2			OPP	O1		
3800	Z (40)			56	250	47	M2	CLUTCH SHIFT		OPP	O1	
	A (50)			69	250	47	M2	CLUTCH SHIFT		OPP	O1	
	B (55)			76	250	47	M2	CLUTCH SHIFT		OPP	O1	
	C (73)			101	250	47	M2	CLUTCH SHIFT		OPP	O1	
	E (86)			122	225	43	M2	CLUTCH SHIFT		OPP	O1	
	J (95)			133	225	43	M2	CLUTCH SHIFT		OPP	O1	
	O (125)			174	195	37	M2	CLUTCH SHIFT		OPP	O1	
	R (137)			190	180	34	M2	CLUTCH SHIFT		OPP	O1	
S (150)			208	162	31	M2	CLUTCH SHIFT		OPP	O1		
T (165)			229	148	28	M2	CLUTCH SHIFT		OPP	O1		
4100	B (57)			76	420	80	M2			OPP	O1	
	C (70)			93	350	66	M2			OPP	O1	
	E (86)			114	285	54	M2			OPP	O1	
	J (105)			139	235	44	M2			OPP	O1	
4250	Output 1 C (96)			92	355	67	M2	(F25)		OPP	O1	
	Output 2 B (89)			85	380	72	M2	(F25)		OPP	O1	
	Output 1 E (112)			107	300	57	M2	(F25)		OPP	O1	
	Output 2 C (104)			99	325	62	M2	(F25)		OPP	O1	
	Output 1 J (132)			126	260	49	M2	(F25)		OPP	O1	
	Output 2 E (121)			115	280	53	M2	(F25)		OPP	O1	
	Output 1 O (168)			161	200	38	M2	(F25)		OPP	O1	
	Output 2 J (152)			145	220	42	M2	(F25)		OPP	O1	

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)

Eaton Fuller

Eaton Fuller

FR-11210B FR-14210B FR-9210B RT-11210B RT-13209H RT-14210B **FUL.36**
 FR-12210B FR-15210B FRW-15210B RT-12209H RT-13210B
 FR-13210B FR-9210 RT-11209H RT-12210B RT-14209H

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
6800		Forward (55)		73	150	28	M2			BOTH	O1	
		Reverse (52)		69	150	28	M2			BOTH	O1	
8000		Forward (40)		57	500	95	M2			BOTH	O1	
		Reverse (50)		68	500	95	M2			BOTH	O1	
8500		B (57)		53	500	95	M2			OPP	O1	
		C (70)		70	485	92	M2			OPP	O1	
		E (86)		83	400	76	M2			OPP	O1	
		J (105)		103	325	62	M2			OPP	O1	
		O (127)		119	270	51	M2			OPP	O1	
		R (137)		131	250	47	M2			OPP	O1	
		S (150)		143	225	43	M2			OPP	O1	
		T (165)		158	210	40	M2			OPP	O1	

CAUTION:

Eaton Transmission Division has established a **Maximum Torque Limit** for the transmission PTO driver gear. For all RT/RTO/RTLO transmissions the torque limit is **350 ft-lbs (475 Nm) Maximum** unless the transmission has been upgraded to a roller type input shaft bearing.

The Eaton part number **4301417** when installed moves the torque rating for the PTO driver gear to **500 ft-lbs (678 Nm) of torque Maximum**. All torque limits listed in the BZ application book are intermediate ratings. If the transmission has not been upgraded as described above

DO NOT exceed 350 ft-lbs of torque for any application.

FOOT NOTES:

- F25: Do not exceed maximum torque and power shown in Output 2 when both outputs are working simultaneously.
- F6: Direct mount pumps will not clear bulge on transmission case. Must use geared adapter. Use of adapter changes PTO output rotation.

////////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //



Eaton Fuller

Eaton Fuller




EH-6E606A-CD
EH-8E306A-CD/T/U/
UP/UPG
ESO-9306A

F-5405B-DM3
F-5505B-DM3
F-6405B-DM3
F-8405B-DM3

FO-5506B-DM3
FO-6406B-DM3
FO-6506B-DM3
FO-8406B-DM3

FSBO-6406B
FSBO-8406B
FSO-6406A
FSO-8406A

FUL.37

6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		C (73)		98	250	47	S7		GA6032/6500S	OPP	28	
		E (86)		117	225	43	S7		GA6032/6500S	OPP	28	
		J (95)		127	225	43	S7		GA6032/6500S	OPP	28	
		O (125)		168	195	37	S7		GA6032/6500S	OPP	28	
		R (137)		184	180	34	S7		GA6032/6500S	OPP	28	
		S (150)		201	162	31	S7		GA6032/6500S	OPP	28	
		T (165)		221	148	28	S7		GA6032/6500S	OPP	28	
3200		Z (40)		54	250	47	S7		GA6032/6500S	OPP	28	
		A (50)		67	250	47	S7		GA6032/6500S	OPP	28	
		B (55)		74	250	47	S7		GA6032/6500S	OPP	28	
		C (73)		98	250	47	S7		GA6032/6500S	OPP	28	
		E (86)		117	225	43	S7		GA6032/6500S	OPP	28	
		J (95)		128	225	43	S7		GA6032/6500S	OPP	28	
		O (125)		168	195	37	S7		GA6032/6500S	OPP	28	
		R (137)		183	180	34	S7		GA6032/6500S	OPP	28	
		S (150)		201	162	31	S7		GA6032/6500S	OPP	28	
	T (165)		221	148	28	S7		GA6032/6500S	OPP	28		
6000		Forward (73)		98	150	28	S7		GA6032/6500S	BOTH	28	
		Reverse (83)		111	150	28	S7		GA6032/6500S	BOTH	28	

CAUTION:

Eaton Transmission Division has established a **Maximum Torque Limit** for the transmission PTO driver gear. For all RT/RTO/RTLO transmissions the torque limit is **350 ft-lbs (475 Nm) Maximum** unless the transmission has been upgraded to a roller type input shaft bearing.

The Eaton part number **4301417** when installed moves the torque rating for the PTO driver gear to **500 ft-lbs (678 Nm) of torque Maximum**. All torque limits listed in the BZ application book are intermediate ratings. If the transmission has not been upgraded as described above

DO NOT exceed 350 ft-lbs of torque for any application.

FOOT NOTES:

F2: EH8-E306A Transmissions are Hybrid and must Interface with PTO and TCM. Only one opening is usable.

F3: AW3 & DM3 Transmission Codes require PTO connection to TCM per Eaton. Engine Speeds above 1000 RPM are required for PTO operation on code DM3.

For complete part numbers, consult the PTO Series section (page 25)

Eaton Fuller

TO-11607B-ASX

TO-14607B-ASX

TX-14607B

TX-8607B

FUL.38

6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		74	250	47	S3	(F20,24)	6187S	OPP	27	
		C (73)		98	250	47	S3	(F20,24)	6187S	OPP	27	
		E (86)		116	225	43	S3	(F20,24)	6187S	OPP	27	
		J (95)		127	225	43	S3	(F20,24)	6187S	OPP	27	
		O (125)		167	195	37	S3	(F20,24)	6187S	OPP	27	
		R (137)		183	180	34	S3	(F20,24)	6187S	OPP	27	
		S (150)		201	162	31	S3	(F20,24)	6187S	OPP	27	
		T (165)		221	148	28	S3	(F20,24)	6187S	OPP	27	

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)			250	47	INCL	(F24)	GA8032	OPP	27	
		B (55)		74	250	47	INCL	(F24)	GA8032	OPP	27	
		C (73)		98	250	47	INCL	(F24)	GA8032	OPP	27	
		E (86)		116	225	43	INCL	(F24)	GA8032	OPP	27	
		J (95)		127	225	43	INCL	(F24)	GA8032	OPP	27	
		O (125)		167	180	34	INCL	(F24)	GA8032	OPP	27	
		R (137)		183	170	32	INCL	(F24)	GA8032	OPP	27	
		S (150)		201	155	29	INCL	(F24)	GA8032	OPP	27	
		T (165)		221	140	27	INCL	(F24)	GA8032	OPP	27	

CAUTION:

Eaton Transmission Division has established a **Maximum Torque Limit** for the transmission PTO driver gear. For all RT/RTO/RTLO transmissions the torque limit is **350 ft-lbs (475 Nm) Maximum** unless the transmission has been upgraded to a roller type input shaft bearing.

The Eaton part number **4301417** when installed moves the torque rating for the PTO driver gear to **500 ft-lbs (678 Nm) of torque Maximum**. All torque limits listed in the BZ application book are intermediate ratings. If the transmission has not been upgraded as described above

DO NOT exceed 350 ft-lbs of torque for any application.

FOOT NOTES:

F20: Direct mount pumps will not clear bulge on transmission. Use of adapter will not work.

F24: Interference with outside diameter of transmission's PTO driver gear for Ratios "O" and above.

For complete part numbers, consult the PTO Series section (page 25)






Eaton Fuller

Eaton Fuller

FM-14D310B-LST FM-14E310B-LAS FM-15D310B-LST FM-15E310B-LAS

FUL.39

6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000	B (55)			79	250	47	INCL	(F6,7,8,9,10)		OPP	01	
	C (73)			104	250	47	INCL	(F6,7,8,9,10)		OPP	01	
	E (86)			124	225	43	INCL	(F6,7,8,9,10)		OPP	01	
	J (95)			136	225	43	INCL	(F6,7,8,9,10)		OPP	01	
	O (125)			178	195	37	INCL	(F6,7,8,9,10)		OPP	01	
	R (137)			196	180	34	INCL	(F6,7,8,9,10)		OPP	01	
	S (150)			214	162	31	INCL	(F6,7,8,9,10)		OPP	01	
	T (165)			236	148	28	INCL	(F6,7,8,9,10)		OPP	01	
3200	Z (40)			57	250	47	INCL	(F6,7,8,9,10)		OPP	01	
	A (50)			71	250	47	INCL	(F6,7,8,9,10)		OPP	01	
	B (55)			79	250	47	INCL	(F6,7,8,9,10)		OPP	01	
	C (73)			104	250	47	INCL	(F6,7,8,9,10)		OPP	01	
	E (86)			125	225	43	INCL	(F6,7,8,9,10)		OPP	01	
	J (95)			137	225	43	INCL	(F6,7,8,9,10)		OPP	01	
	O (125)			178	195	37	INCL	(F6,7,8,9,10)		OPP	01	
	R (137)			195	180	34	INCL	(F6,7,8,9,10)		OPP	01	
	S (150)			214	162	31	INCL	(F6,7,8,9,10)		OPP	01	
T (165)			235	148	28	INCL	(F6,7,8,9,10)		OPP	01		
6000	Forward (73)			104	150	28	INCL	(F8,9,10)		BOTH		
	Reverse (83)			119	150	28	INCL	(F8,9,10)		BOTH		






For complete part numbers, consult the PTO Series section (page 25)

Eaton Fuller

Eaton Fuller

FM-14D310B-LST FM-14E310B-LAS FM-15D310B-LST, FM-15E310B-LAS

FUL.39

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)		71	250	47	INCL	(F8,9,10,11)		OPP	O1	
		B (55)		82	250	47	INCL	(F8,9,10,11)		OPP	O1	
		C (73)		109	250	47	INCL	(F8,9,10,11)		OPP	O1	
		E (86)		130	225	43	INCL	(F8,9,10,11)		OPP	O1	
		J (95)		142	225	43	INCL	(F8,9,10,11)		OPP	O1	
		O (125)		186	180	34	INCL	(F8,9,10,11)		OPP	O1	
		R (137)		204	170	32	INCL	(F8,9,10,11)		OPP	O1	
		S (150)		224	155	29	INCL	(F8,9,10,11)		OPP	O1	
	T (165)		246	140	27	INCL	(F8,9,10,11)		OPP	O1		
3800		Z (40)		60	250	47	INCL	(F8,9,10,11) CLUTCH SHIFT		OPP	O1	
		A (50)		75	250	47	INCL	(F8,9,10,11) CLUTCH SHIFT		OPP	O1	
		B (55)		82	250	47	INCL	(F8,9,10,11) CLUTCH SHIFT		OPP	O1	
		C (73)		109	250	47	INCL	(F8,9,10,11) CLUTCH SHIFT		OPP	O1	
		E (86)		130	225	43	INCL	(F8,9,10,11) CLUTCH SHIFT		OPP	O1	
		J (95)		143	225	43	INCL	(F8,9,10,11) CLUTCH SHIFT		OPP	O1	
		O (125)		186	195	37	INCL	(F8,9,10,11) CLUTCH SHIFT		OPP	O1	
		R (137)		204	180	34	INCL	(F8,9,10,11) CLUTCH SHIFT		OPP	O1	
		S (150)		224	162	31	INCL	(F8,9,10,11) CLUTCH SHIFT		OPP	O1	
		T (165)		246	148	28	INCL	(F8,9,10,11) CLUTCH SHIFT		OPP	O1	
4100		B (57)		81	420	80	INCL	(F8,9,10,11)		OPP	O1	
		C (70)		100	350	66	INCL	(F8,9,10,11)		OPP	O1	
		E (86)		123	285	54	INCL	(F8,9,10,11)		OPP	O1	
		J (105)		150	235	44	INCL	(F8,9,10,11)		OPP	O1	
4250		Output 1 C (96)		99	355	67	INCL	(F8,9,10,11,25)			O1	
		Output 2 B (89)		92	380	72	INCL	(F8,9,10,11,25)			O1	
		Output 1 E (112)		115	300	57	INCL	(F8,9,10,11,25)			O1	
		Output 2 C (104)		106	325	62	INCL	(F8,9,10,11,25)			O1	
		Output 1 J (132)		135	260	49	INCL	(F8,9,10,11,25)			O1	
		Output 2 E (121)		124	280	53	INCL	(F8,9,10,11,25)			O1	
		Output 1 O (168)		173	200	38	INCL	(F8,9,10,11,25)			O1	
		Output 2 J (152)		156	220	42	INCL	(F8,9,10,11,25)			O1	

CONTINUES →




For complete part numbers, consult the PTO Series section (page 25)



Eaton Fuller

FM-14D310B-LST FM-14E310B-LAS FM-15D310B-LST, FM-15E310B-LAS

FUL.39

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
6800		Forward (55)		78	150	28	INCL	(F8,9,10,11)		BOTH	O1	
		Reverse (52)		74	150	28	INCL	(F8,9,10,11)		BOTH	O1	
8000		Forward (40)		62	500	95	INCL	(F8,9,10,11)		BOTH	O1	
		Reverse (50)		73	500	95	INCL	(F8,9,10,11)		BOTH	O1	
8500		B (57)		56	500	95	INCL	(F8,9,10,11)		OPP	O1	
		C (70)		75	485	92	INCL	(F8,9,10,11)		OPP	O1	
		E (86)		89	400	76	INCL	(F8,9,10,11)		OPP	O1	
		J (105)		111	325	62	INCL	(F8,9,10,11)		OPP	O1	
		O (127)		128	270	51	INCL	(F8,9,10,11)		OPP	O1	
		R (137)		140	250	47	INCL	(F8,9,10,11)		OPP	O1	
		S (150)		154	225	43	INCL	(F8,9,10,11)		OPP	O1	
		T (165)		169	210	40	INCL	(F8,9,10,11)		OPP	O1	

CAUTION:

Eaton Transmission Division has established a **Maximum Torque Limit** for the transmission PTO driver gear. For all RT/RTO/RTLO transmissions the torque limit is **350 ft-lbs (475 Nm) Maximum** unless the transmission has been upgraded to a roller type input shaft bearing.

The Eaton part number **4301417** when installed moves the torque rating for the PTO driver gear to **500 ft-lbs (678 Nm) of torque Maximum**. All torque limits listed in the BZ application book are intermediate ratings. If the transmission has not been upgraded as described above

DO NOT exceed 350 ft-lbs of torque for any application.

FOOT NOTES:

- F6: Direct mount pumps will not clear bulge on transmission case. Must use geared adapter. Use of adapter changes PTO output rotation.
- F7: For vehicles with Spring Hanger interference use adapter AD645-01. Not applicable for direct mount pumps. Use of adapter changes PTO output rotation.
- F8: PTO must be wired through the transmission controller per Eaton instructions.
- F9: Engine Speed must be advanced to 1000 RPM for PTO operation. PTO will not activate below this speed.
- F10: Eaton Inertia Brake is mounted to the 8-bolt opening. It can be moved to the right side 6-bolt opening using adapter AD645-01. This limits mounting of PTO to one opening or the other.
- F11: Trucks with setback front axles and direct mount pumps will have better clearance with "3" assembly arrangement. This will also provide better clearance of air tanks on International chassis.
- F25: Do not exceed maximum torque and power shown in Output 2 when both outputs are working simultaneously.

For complete part numbers, consult the PTO Series section (page 25)






Eaton Fuller

Eaton Fuller

FUL.40

FAM-14810B	RT-13710B	RT-9710B	RTF-906	RTLO-15610B/B-T2
FAM-15810B	RT-14609A/H	RTA-14710B-AS	RTF-906A	RTLO-16610B/B-T2
RT-1110	RT-14610	RTF-11609A	RTF-909A	RTLO-16618A
RT-11509	RT-14613	RTF-11613	RTF-910	RTLO-17610B/B-T2
RT-11609A/H	RT-14615	RTF-12509	RTF-915	RTLO-18610B/B-T2
RT-11610	RT-14709A/H	RTF-12510	RTF-9509A	RTLO-9118A-MT
RT-11613	RT-14710B/B-AS2	RTF-12515	RTF-9513	RTO-11613
RT-11615	RT-14715	RTF-12609A	RTL-11710B/B-T2	RTO-11813
RT-11709H	RT-14910B-AS2	RTF-12709H	RTL-12710B/B-T2	RTO-1213
RT-11710B	RT-14915	RTF-12710B	RTL-13710B	RTO-12513
RT-11715	RT-15613	RTF-13609A	RTL-13710B-T2	RTO-14613
RT-12509	RT-15615	RTF-13709H	RTL-14710B/B-T2	RTO-14713
RT-12510	RT-15715	RTF-13710B	RTLO-11610B/B-T2	RTO-14813
RT-12513	RT-8709B	RTF-14609A	RTLO-12610B/B-T2	RTO-15613
RT-12515	RT-8908LL	RTF-14613	RTLO-12613B	RTO-15618
RT-12609A/H	RT-906	RTF-14709H	RTLO-13610B/ B-AS/B-T2	RTO-15813
RT-12610	RT-909A	RTF-14710B	RTLO-14610A/B/ B-T2	RTO-913
RT-12709A/H	RT-910	RTF-14715	RTLO-14613A/B	RTO-9513
RT-12710B/B-AS2	RT-915	RTF-14915	RTLO-14618A	RTOF-9513
RT-13609A/H	RT-9509A/C	RTF-15715		T-955GL
RT-13709H	RT-9513	RTF-8908LL		

Eaton Fuller

6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		79	250	47	INCL	(F6,7)		OPP	01	
		C (73)		105	250	47	INCL	(F6,7)		OPP	01	
		E (86)		125	225	43	INCL	(F6,7)		OPP	01	
		J (95)		136	225	43	INCL	(F6,7)		OPP	01	
		O (125)		179	195	37	INCL	(F6,7)		OPP	01	
		R (137)		196	180	34	INCL	(F6,7)		OPP	01	
		S (150)		215	162	31	INCL	(F6,7)		OPP	01	
		T (165)		236	148	28	INCL	(F6,7)		OPP	01	
3200		Z (40)		57	250	47	INCL	(F6,7)		OPP	01	
		A (50)		72	250	47	INCL	(F6,7)		OPP	01	
		B (55)		79	250	47	INCL	(F6,7)		OPP	01	
		C (73)		105	250	47	INCL	(F6,7)		OPP	01	
		E (86)		125	225	43	INCL	(F6,7)		OPP	01	
		J (95)		137	225	43	INCL	(F6,7)		OPP	01	
		O (125)		179	195	37	INCL	(F6,7)		OPP	01	
		R (137)		196	180	34	INCL	(F6,7)		OPP	01	
6000		Forward (73)		105	150	28	INCL			BOTH	01	
		Reverse (83)		119	150	28	INCL			BOTH	01	

For complete part numbers, consult the PTO Series section (page 25)







Eaton Fuller

RTLOF-14618A

RTLOF-16618A

FUL.40

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000	A (50)			71	250	47	INCL	(F11)		OPP	O1	
	B (55)			82	250	47	INCL	(F11)		OPP	O1	
	C (73)			109	250	47	INCL	(F11)		OPP	O1	
	E (86)			130	225	43	INCL	(F11)		OPP	O1	
	J (95)			142	225	43	INCL	(F11)		OPP	O1	
	O (125)			187	180	34	INCL	(F11)		OPP	O1	
	R (137)			205	170	32	INCL	(F11)		OPP	O1	
	S (150)			224	155	29	INCL	(F11)		OPP	O1	
	T (165)			247	140	27	INCL	(F11)		OPP	O1	
3800	Z (40)			60	250	47	INCL	(F11) CLUTCH SHIFT		OPP	O1	
	A (50)			75	250	47	INCL	(F11) CLUTCH SHIFT		OPP	O1	
	B (55)			82	250	47	INCL	(F11) CLUTCH SHIFT		OPP	O1	
	C (73)			109	250	47	INCL	(F11) CLUTCH SHIFT		OPP	O1	
	E (86)			131	225	43	INCL	(F11) CLUTCH SHIFT		OPP	O1	
	J (95)			143	225	43	INCL	(F11) CLUTCH SHIFT		OPP	O1	
	O (125)			187	195	37	INCL	(F11) CLUTCH SHIFT		OPP	O1	
	R (137)			205	180	34	INCL	(F11) CLUTCH SHIFT		OPP	O1	
	S (150)			224	162	31	INCL	(F11) CLUTCH SHIFT		OPP	O1	
T (165)			246	148	28	INCL	(F11) CLUTCH SHIFT		OPP	O1		
4100	B (57)			82	420	80	INCL	(F11)		OPP	O1	
	C (70)			100	350	66	INCL	(F11)		OPP	O1	
	E (86)			123	285	54	INCL	(F11)		OPP	O1	
	J (105)			150	235	44	INCL	(F11)		OPP	O1	
4250	Output 1 C (96)			99	355	67	INCL	(F11,25)		OPP	O1	
	Output 2 B (89)			92	380	72	INCL	(F11,25)		OPP	O1	
	Output 1 E (112)			116	300	57	INCL	(F11,25)		OPP	O1	
	Output 2 C (104)			107	325	62	INCL	(F11,25)		OPP	O1	
	Output 1 J (132)			136	260	49	INCL	(F11,25)		OPP	O1	
	Output 2 E (121)			124	280	53	INCL	(F11,25)		OPP	O1	
	Output 1 O (168)			173	200	38	INCL	(F11,25)		OPP	O1	
	Output 2 J (152)			157	220	42	INCL	(F11,25)		OPP	O1	

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)

Eaton Fuller

Eaton Fuller

RTLOF-14618A

RTLOF-16618A

FUL.40

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
6800		Forward (55)		79	150	28	INCL	(F11)		BOTH	O1	
		Reverse (52)		74	150	28	INCL	(F11)		BOTH	O1	
8000		Forward (40)		62	500	95	INCL	(F11)		BOTH	O1	
		Reverse (50)		73	500	95	INCL	(F11)		BOTH	O1	
8500		B (57)		57	500	95	INCL	(F11)		OPP	O1	
		C (70)		75	485	92	INCL	(F11)		OPP	O1	
		E (86)		89	400	76	INCL	(F11)		OPP	O1	
		J (105)		111	325	62	INCL	(F11)		OPP	O1	
		O (127)		129	270	51	INCL	(F11)		OPP	O1	
		R (137)		141	250	47	INCL	(F11)		OPP	O1	
		S (150)		154	225	43	INCL	(F11)		OPP	O1	
		T (165)		170	210	40	INCL	(F11)		OPP	O1	

CAUTION:

Eaton Transmission Division has established a **Maximum Torque Limit** for the transmission PTO driver gear. For all RT/RTO/RTLO transmissions the torque limit is **350 ft-lbs (475 Nm) Maximum** unless the transmission has been upgraded to a roller type input shaft bearing.

The Eaton part number **4301417** when installed moves the torque rating for the PTO driver gear to **500 ft-lbs (678 Nm) of torque Maximum**. All torque limits listed in the BZ application book are intermediate ratings. If the transmission has not been upgraded as described above

DO NOT exceed 350 ft-lbs of torque for any application.

FOOT NOTES:

- F11:** Trucks with setback front axles and direct mount pumps will have better clearance with "3" assembly arrangement. This will also provide better clearance of air tanks on International chassis.
- F25:** Do not exceed maximum torque and power shown in Output 2 when both outputs are working simultaneously.
- F6:** Direct mount pumps will not clear bulge on transmission case. Must use geared adapter. Use of adapter changes PTO output rotation.
- F7:** For vehicles with Spring Hanger interference, use adapter AD645-01. Not applicable for direct mount pumps. Use of adapter changes PTO output rotation.

For complete part numbers, consult the PTO Series section (page 25)



Eaton Fuller

Eaton Fuller





RT-11109A-AT

RT-12109A-AT

RT-14109A-AT

RT-9109A-AT

FUL.41

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		79	250	47	INCL	(F6,17)		OPP	01	
		C (73)		105	250	47	INCL	(F6,17)		OPP	01	
		E (86)		125	225	43	INCL	(F6,17)		OPP	01	
		J (95)		136	225	43	INCL	(F6,17)		OPP	01	
		O (125)		179	195	37	INCL	(F6,17)		OPP	01	
		R (137)		196	180	34	INCL	(F6,17)		OPP	01	
		S (150)		215	162	31	INCL	(F6,17)		OPP	01	
		T (165)		236	148	28	INCL	(F6,17)		OPP	01	
3200		Z (40)		57	250	47	INCL	(F6,17)		OPP	01	
		A (50)		72	250	47	INCL	(F6,17)		OPP	01	
		B (55)		79	250	47	INCL	(F6,17)		OPP	01	
		C (73)		105	250	47	INCL	(F6,17)		OPP	01	
		E (86)		125	225	43	INCL	(F6,17)		OPP	01	
		J (95)		137	225	43	INCL	(F6,17)		OPP	01	
		O (125)		179	195	37	INCL	(F6,17)		OPP	01	
		R (137)		196	180	34	INCL	(F6,17)		OPP	01	
		S (150)		215	162	31	INCL	(F6,17)		OPP	01	
	T (165)		236	148	28	INCL	(F6,17)		OPP	01		
6000		Forward (73)		105	150	28	INCL	(F17)		BOTH	01	
		Reverse (83)		119	150	28	INCL	(F17)		BOTH	01	

Eaton Fuller

For complete part numbers, consult the PTO Series section (page 25)

Eaton Fuller






RT-11109A-AT

RT-12109A-AT

RT-14109A-AT

RT-9109A-AT

FUL.41

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)		71	250	47	INCL	(F17,18)		OPP	O1	
		B (55)		82	250	47	INCL	(F17,18)		OPP	O1	
		C (73)		109	250	47	INCL	(F17,18)		OPP	O1	
		E (86)		130	225	43	INCL	(F17,18)		OPP	O1	
		J (95)		142	225	43	INCL	(F17,18)		OPP	O1	
		O (125)		187	180	34	INCL	(F17,18)		OPP	O1	
		R (137)		205	170	32	INCL	(F17,18)		OPP	O1	
		S (150)		224	155	29	INCL	(F17,18)		OPP	O1	
		T (165)		247	140	27	INCL	(F17,18)		OPP	O1	
3800		Z (40)		60	250	47	INCL	(F17,18) CLUTCH SHIFT		OPP	O1	
		A (50)		75	250	47	INCL	(F17,18) CLUTCH SHIFT		OPP	O1	
		B (55)		82	250	47	INCL	(F17,18) CLUTCH SHIFT		OPP	O1	
		C (73)		109	250	47	INCL	(F17,18) CLUTCH SHIFT		OPP	O1	
		E (86)		131	225	43	INCL	(F17,18) CLUTCH SHIFT		OPP	O1	
		J (95)		143	225	43	INCL	(F17,18) CLUTCH SHIFT		OPP	O1	
		O (125)		187	195	37	INCL	(F17,18) CLUTCH SHIFT		OPP	O1	
		R (137)		205	180	34	INCL	(F17,18) CLUTCH SHIFT		OPP	O1	
		S (150)		224	162	31	INCL	(F17,18) CLUTCH SHIFT		OPP	O1	
		T (165)		246	148	28	INCL	(F17,18) CLUTCH SHIFT		OPP	O1	
4100		B (57)		82	420	80	INCL	(F17,18)		OPP	O1	
		C (70)		100	350	66	INCL	(F17,18)		OPP	O1	
		E (86)		123	285	54	INCL	(F17,18)		OPP	O1	
		J (105)		150	235	44	INCL	(F17,18)		OPP	O1	
4250		Output 1 C (96)		99	355	67	INCL	(F17,18,25)		OPP	O1	
		Output 2 B (89)		92	380	72	INCL	(F17,18,25)		OPP	O1	
		Output 1 E (112)		116	300	57	INCL	(F17,18,25)		OPP	O1	
		Output 2 C (104)		107	325	62	INCL	(F17,18,25)		OPP	O1	
		Output 1 J (132)		136	260	49	INCL	(F17,18,25)		OPP	O1	
		Output 2 E (121)		124	280	53	INCL	(F17,18,25)		OPP	O1	
		Output 1 O (168)		173	200	38	INCL	(F17,18,25)		OPP	O1	
		Output 2 J (152)		157	220	42	INCL	(F17,18,25)		OPP	O1	

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)



Eaton Fuller

RT-11109A-AT

RT-12109A-AT

RT-14109A-AT

RT-9109A-AT

FUL.41

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
6800		Forward (55)		79	150	28	INCL	(F17,18)		BOTH	O1	
		Reverse (52)		74	150	28	INCL	(F17,18)		BOTH	O1	
8000		Forward (40)		62	500	95	INCL	(F17,18)		BOTH	O1	
		Reverse (50)		73	500	95	INCL	(F17,18)		BOTH	O1	
8500		B (57)		57	500	95	INCL	(F17,18)		OPP	O1	
		C (70)		75	485	92	INCL	(F17,18)		OPP	O1	
		E (86)		89	400	76	INCL	(F17,18)		OPP	O1	
		J (105)		111	325	62	INCL	(F17,18)		OPP	O1	
		O (127)		129	270	51	INCL	(F17,18)		OPP	O1	
		R (137)		141	250	47	INCL	(F17,18)		OPP	O1	
		S (150)		154	225	43	INCL	(F17,18)		OPP	O1	
		T (165)		170	210	40	INCL	(F17,18)		OPP	O1	

CAUTION:

Eaton Transmission Division has established a **Maximum Torque Limit** for the transmission PTO driver gear. For all RT/RTO/RTLO transmissions the torque limit is **350 ft-lbs (475 Nm) Maximum** unless the transmission has been upgraded to a roller type input shaft bearing.

The Eaton part number **4301417** when installed moves the torque rating for the PTO driver gear to **500 ft-lbs (678 Nm) of torque Maximum**. All torque limits listed in the BZ application book are intermediate ratings. If the transmission has not been upgraded as described above

DO NOT exceed 350 ft-lbs of torque for any application.

FOOT NOTES:

F17: Speeds shown are with transmission torque converter in lock up condition.

F18: This opening is not usable if transmission is equipped with optional low profile oil pan.

F25: Do not exceed maximum torque and power shown in Output 2 when both outputs are working simultaneously.

F6: Direct mount pumps will not clear bulge on transmission case. Must use geared adapter. Use of adapter changes PTO output rotation.

For complete part numbers, consult the PTO Series section (page 25)

Eaton Fuller





Eaton Fuller

RT-6609A

RT-7608LL

RT-8609

FUL.42

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		59	250	47	INCL	(F21)		OPP	01	
		C (73)		79	250	47	INCL	(F21)		OPP	01	
		E (86)		94	225	43	INCL	(F21)		OPP	01	
		J (95)		103	225	43	INCL	(F21)		OPP	01	
		O (125)		135	195	37	INCL	(F21)		OPP	01	
		R (137)		148	180	34	INCL	(F21)		OPP	01	
		S (150)		162	162	31	INCL	(F21)		OPP	01	
		T (165)		178	148	28	INCL	(F21)		OPP	01	
3200		Z (40)		43	250	47	INCL	(F21)		OPP	01	
		A (50)		54	250	47	INCL	(F21)		OPP	01	
		B (55)		59	250	47	INCL	(F21)		OPP	01	
		C (73)		79	250	47	INCL	(F21)		OPP	01	
		E (86)		95	225	43	INCL	(F21)		OPP	01	
		J (95)		103	225	43	INCL	(F21)		OPP	01	
		O (125)		135	195	37	INCL	(F21)		OPP	01	
		R (137)		148	180	34	INCL	(F21)		OPP	01	
6000		Forward (73)		79	150	28	INCL	(F21)		BOTH	01	
		Reverse (83)		90	150	28	INCL	(F21)		BOTH	01	

Eaton Fuller

For complete part numbers, consult the PTO Series section (page 25)








Eaton Fuller

RT-6609A

RT-7608LL

RT-8609

FUL.42

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)		51	250	47	INCL	(F21)		OPP	O1	
		B (55)		59	250	47	INCL	(F21)		OPP	O1	
		C (73)		79	250	47	INCL	(F21)		OPP	O1	
		E (86)		94	225	43	INCL	(F21)		OPP	O1	
		J (95)		103	225	43	INCL	(F21)		OPP	O1	
		O (125)		135	180	34	INCL	(F21)		OPP	O1	
		R (137)		148	170	32	INCL	(F21)		OPP	O1	
		S (150)		162	155	29	INCL	(F21)		OPP	O1	
		T (165)		178	140	27	INCL	(F21)		OPP	O1	
3800		Z (40)		43	250	47	INCL	(F21) CLUTCH SHIFT		OPP	O1	
		A (50)		54	250	47	INCL	(F21) CLUTCH SHIFT		OPP	O1	
		B (55)		59	250	47	INCL	(F21) CLUTCH SHIFT		OPP	O1	
		C (73)		79	250	47	INCL	(F21) CLUTCH SHIFT		OPP	O1	
		E (86)		95	225	43	INCL	(F21) CLUTCH SHIFT		OPP	O1	
		J (95)		103	225	43	INCL	(F21) CLUTCH SHIFT		OPP	O1	
		O (125)		135	195	37	INCL	(F21) CLUTCH SHIFT		OPP	O1	
		R (137)		148	180	34	INCL	(F21) CLUTCH SHIFT		OPP	O1	
		S (150)		162	162	31	INCL	(F21) CLUTCH SHIFT		OPP	O1	
4100		T (165)		178	148	28	INCL	(F21) CLUTCH SHIFT		OPP	O1	
		B (57)		59	420	80	INCL	(F21)		OPP	O1	
		C (70)		72	350	66	INCL	(F21)		OPP	O1	
		E (86)		89	285	54	INCL	(F21)		OPP	O1	
4250		J (105)		108	235	44	INCL	(F21)		OPP	O1	
		Output 1 C (96)		71	355	67	INCL	(F21,25)		OPP	O1	
		Output 2 B (89)		66	380	72	INCL	(F21,25)		OPP	O1	
		Output 1 E (112)		84	300	57	INCL	(F21,25)		OPP	O1	
		Output 2 C (104)		77	325	62	INCL	(F21,25)		OPP	O1	
		Output 1 J (132)		98	260	49	INCL	(F21,25)		OPP	O1	
		Output 2 E (121)		90	280	53	INCL	(F21,25)		OPP	O1	
		Output 1 O (168)		125	200	38	INCL	(F21,25)		OPP	O1	
	Output 2 J (152)		113	220	42	INCL	(F21,25)		OPP	O1		

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)

Eaton Fuller




Eaton Fuller

RT-6609A

RT-7608LL

RT-8609

FUL.42

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
6800		Forward (55)		57	150	28	INCL	(F21)		BOTH	O1	
		Reverse (52)		54	150	28	INCL	(F21)		BOTH	O1	
8000		Forward (40)		45	500	95	INCL	(F21)		BOTH	O1	
		Reverse (50)		53	500	95	INCL	(F21)		BOTH	O1	
8500		B (57)		41	500	95	INCL	(F21)		OPP	O1	
		C (70)		54	485	92	INCL	(F21)		OPP	O1	
		E (86)		65	400	76	INCL	(F21)		OPP	O1	
		J (105)		80	325	62	INCL	(F21)		OPP	O1	
		O (127)		93	270	51	INCL	(F21)		OPP	O1	
		R (137)		102	250	47	INCL	(F21)		OPP	O1	
		S (150)		111	225	43	INCL	(F21)		OPP	O1	
		T (165)		123	210	40	INCL	(F21)		OPP	O1	

CAUTION:

Eaton Transmission Division has established a **Maximum Torque Limit** for the transmission PTO driver gear. For all RT/RTO/RTL0 transmissions the torque limit is **350 ft-lbs (475 Nm) Maximum** unless the transmission has been upgraded to a roller type input shaft bearing.

The Eaton part number **4301417** when installed moves the torque rating for the PTO driver gear to **500 ft-lbs (678 Nm) of torque Maximum**. All torque limits listed in the BZ application book are intermediate ratings. If the transmission has not been upgraded as described above

DO NOT exceed 350 ft-lbs of torque for any application.

FOOT NOTES:

F21: The maximum allowable output torque for PTO operation on this transmission is 300 lb/ft per EATON.

F22: RT-7608LL: Adapter required for PTO clearance. Direct mount pumps interfere with transmission case.

F25: Do not exceed maximum torque and power shown in Output 2 when both outputs are working simultaneously.

For complete part numbers, consult the PTO Series section (page 25)



Eaton Fuller

RT-610





RT-613



RT-6610

RT-6613

RT-7609

FUL.43

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		59	250	47	INCL	(F19,20,21)		OPP	01	
		C (73)		79	250	47	INCL	(F19,20,21)		OPP	01	
		E (86)		94	225	43	INCL	(F19,20,21)		OPP	01	
		J (95)		103	225	43	INCL	(F19,20,21)		OPP	01	
		O (125)		135	195	37	INCL	(F19,20,21)		OPP	01	
		R (137)		148	180	34	INCL	(F19,20,21)		OPP	01	
		S (150)		162	162	31	INCL	(F19,20,21)		OPP	01	
		T (165)		178	148	28	INCL	(F19,20,21)		OPP	01	
3200		Z (40)		43	250	47	INCL	(F19,20,21) CLUTCH SHIFT		OPP	1	
		A (50)		54	250	47	INCL	(F19,20,21) CLUTCH SHIFT		OPP	1	
		B (55)		59	250	47	INCL	(F19,20,21) CLUTCH SHIFT		OPP	1	
		C (73)		79	250	47	INCL	(F19,20,21) CLUTCH SHIFT		OPP	1	
		E (86)		95	225	43	INCL	(F19,20,21) CLUTCH SHIFT		OPP	1	
		J (95)		103	225	43	INCL	(F19,20,21) CLUTCH SHIFT		OPP	1	
		O (125)		135	195	37	INCL	(F19,20,21) CLUTCH SHIFT		OPP	1	
		R (137)		148	180	34	INCL	(F19,20,21) CLUTCH SHIFT		OPP	1	
		S (150)		162	162	31	INCL	(F19,20,21) CLUTCH SHIFT		OPP	1	
6000		Forward (73)		79	150	28	INCL	(F19,21)		BOTH	01	
		Reverse (83)		90	150	28	INCL	(F19,21)		BOTH	01	

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)		51	250	47	INCL	(F21)		OPP	01	
		B (55)		59	250	47	INCL	(F21)		OPP	01	
		C (73)		79	250	47	INCL	(F21)		OPP	01	
		E (86)		94	225	43	INCL	(F21)		OPP	01	
		J (95)		103	225	43	INCL	(F21)		OPP	01	
		O (125)		135	180	34	INCL	(F21)		OPP	01	
		R (137)		148	170	32	INCL	(F21)		OPP	01	
		S (150)		162	155	29	INCL	(F21)		OPP	01	
	T (165)		178	140	27	INCL	(F21)		OPP	01		


CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)

Eaton Fuller

Eaton Fuller

FUL.43

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
8500		B (57)		41	500	95	INCL			OPP	01	
		C (70)		54	485	92	INCL			OPP	01	
		E (86)		65	400	76	INCL			OPP	01	
		J (105)		80	325	62	INCL			OPP	01	
		O (127)		93	270	51	INCL			OPP	01	
		R (137)		102	250	47	INCL			OPP	01	
		S (150)		112	225	43	INCL			OPP	01	
		T (165)		123	210	40	INCL			OPP	01	




FO-10E310C-VAS
FO-12E310C-VAS
FO-14E309ALL-VMS
FO-14E310C-LAS/VAS
FO-14E313A-MHP
FO-14E318B-MXP/VXP

FO-16E309ALL-VMS
FO-16E310C-LAS/VAS
FO-16E313A-MHP
FO-16E313B-MHP
FO-16E318B-MXP/VXP
FO-18E310C-LAS

FO-18E313A-MHP
FO-18E318B-MXP/VXP
FO-20E313A-MHP
FO-20E318B-MXP/VXP
FO-22E318B-MXP/VXP
FO-6E318B-MXP

FOM-14E310C-LAS/VAS
FOM-15E310C-LAS/VAS
FOM-16E310C-LAS/VAS
RTLO-16913L-DM3
RTL0M-16913L-DM3

FUL.44





6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		89	250	47	INCL	(F6,7,26,9)		OPP	01	
		C (73)		118	250	47	INCL	(F6,7,26,9)		OPP	01	
		E (86)		141	225	43	INCL	(F6,7,26,9)		OPP	01	
		J (95)		154	225	43	INCL	(F6,7,26,9)		OPP	01	
		O (125)		202	195	37	INCL	(F6,7,26,9)		OPP	01	
		R (137)		221	180	34	INCL	(F6,7,26,9)		OPP	01	
		S (150)		242	162	31	INCL	(F6,7,26,9)		OPP	01	
		T (165)		267	148	28	INCL	(F6,7,26,9)		OPP	01	
3200		Z (40)		65	250	47	INCL	(F6,7,26,9)		OPP	01	
		A (50)		81	250	47	INCL	(F6,7,26,9)		OPP	01	
		B (55)		89	250	47	INCL	(F6,7,26,9)		OPP	01	
		C (73)		118	250	47	INCL	(F6,7,26,9)		OPP	01	
		E (86)		141	225	43	INCL	(F6,7,26,9)		OPP	01	
		J (95)		155	225	43	INCL	(F6,7,26,9)		OPP	01	
		O (125)		202	195	37	INCL	(F6,7,26,9)		OPP	01	
		R (137)		221	180	34	INCL	(F6,7,26,9)		OPP	01	
6000		S (150)		242	162	31	INCL	(F6,7,26,9)		OPP	01	
		T (165)		266	148	28	INCL	(F6,7,26,9)		OPP	01	
		FWD(73)		118	150	28	INCL	(F26,9)		BOTH	01	
		REV(83)		134	150	28	INCL	(F26,9)		BOTH	01	

For complete part numbers, consult the PTO Series section (page 25)



Eaton Fuller

FUL.44

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000	A (50)			81	250	47	INCL	(F11,23)		OPP	O1	
	B (55)			93	250	47	INCL	(F11,23)		OPP	O1	
	C (73)			123	250	47	INCL	(F11,23)		OPP	O1	
	E (86)			147	225	43	INCL	(F11,23)		OPP	O1	
	J (95)			160	225	43	INCL	(F11,23)		OPP	O1	
	O (125)			211	180	34	INCL	(F11,23)		OPP	O1	
	R (137)			231	170	32	INCL	(F11,23)		OPP	O1	
	S (150)			253	155	29	INCL	(F11,23)		OPP	O1	
	T (165)			278	140	27	INCL	(F11,23)		OPP	O1	
3800	Z (40)			68	250	47	INCL	(F11,23) CLUTCH SHIFT		OPP	O1	
	A (50)			84	250	47	INCL	(F11,23) CLUTCH SHIFT		OPP	O1	
	B (55)			93	250	47	INCL	(F11,23) CLUTCH SHIFT		OPP	O1	
	C (73)			123	250	47	INCL	(F11,23) CLUTCH SHIFT		OPP	O1	
	E (86)			148	225	43	INCL	(F11,23) CLUTCH SHIFT		OPP	O1	
	J (95)			161	225	43	INCL	(F11,23) CLUTCH SHIFT		OPP	O1	
	O (125)			211	195	37	INCL	(F11,23) CLUTCH SHIFT		OPP	O1	
	R (137)			231	180	34	INCL	(F11,23) CLUTCH SHIFT		OPP	O1	
	S (150)			253	162	31	INCL	(F11,23) CLUTCH SHIFT		OPP	O1	
T (165)			278	148	28	INCL	(F11,23) CLUTCH SHIFT		OPP	O1		
4100	B (57)			92	420	80	INCL	(F11,12)		OPP	O1	
	C (70)			113	350	66	INCL	(F11,12)		OPP	O1	
	E (86)			139	285	54	INCL	(F11,12)		OPP	O1	
	J (105)			170	235	44	INCL	(F11,12)		OPP	O1	
4250	Output 1 C (96)			112	355	67	INCL	(F11,12,25)		OPP	O1	
	Output 2 B (89)			104	380	72	INCL	(F11,12,25)		OPP	O1	
	Output 1 E (112)			131	300	57	INCL	(F11,12,25)		OPP	O1	
	Output 2 C (104)			120	325	62	INCL	(F11,12,25)		OPP	O1	
	Output 1 J (132)			153	260	49	INCL	(F11,12,25)		OPP	O1	
	Output 2 E (121)			140	280	53	INCL	(F11,12,25)		OPP	O1	
	Output 1 O (168)			195	200	38	INCL	(F11,12,25)		OPP	O1	
	Output 2 J (152)			177	220	42	INCL	(F11,12,25)		OPP	O1	


CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)

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8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
6800		Forward (55)		89	150	28	INCL	(F11)		BOTH	O1	
		Reverse (52)		84	150	28	INCL	(F11)		BOTH	O1	
8000		Forward (40)		70	500	95	INCL	(F11)		BOTH	O1	
		Reverse (50)		83	500	95	INCL	(F11)		BOTH	O1	
8500		B (57)		64	500	95	INCL	(F11,23)		OPP	O1	
		C (70)		85	485	92	INCL	(F11,23)		OPP	O1	
		E (86)		101	400	76	INCL	(F11,23)		OPP	O1	
		J (105)		125	325	62	INCL	(F11,23)		OPP	O1	
		O (127)		145	270	51	INCL	(F11,23)		OPP	O1	
		R (137)			250	47	INCL	(F11,23)		OPP	O1	
		S (150)			225	43	INCL	(F11,23)		OPP	O1	
		T (165)			210	40	INCL	(F11,23)		OPP	O1	

CAUTION:

Eaton Transmission Division has established a **Maximum Torque Limit** for the transmission PTO driver gear. For all RT/RTO/RTLO transmissions the torque limit is **350 ft-lbs (475 Nm) Maximum** unless the transmission has been upgraded to a roller type input shaft bearing. The Eaton part number **4301417** when installed moves the torque rating for the PTO driver gear to **500 ft-lbs (678 Nm) of torque Maximum**. All torque limits listed in the BZ application book are intermediate ratings. If the transmission has not been upgraded as described above **DO NOT exceed 350 ft-lbs of torque for any application.**

FOOT NOTES:

- F11:** Trucks with setback front axles and direct mount pumps will have better clearance with "3" assembly arrangement. This will also provide better clearance of air tanks on International chassis.
- F12:** Possible internal transmission gear interference with 4000 Series "J" & "O" ratios and 4250 ratio O-J. Check Before installing PTO.
- F25:** Do not exceed maximum torque and power shown in Output 2 when both outputs are working simultaneously.
- F23:** Interference with adjacent gear in transmission for Ratios "O" and above on Right Side & Ratios "R" and above on Bottom.
- F13:** Eaton Ultra Shift has an inertia brake attached to the bottom of this transmission. Using a 6 bolt adapter it can be moved to the right side opening of the transmission. Eaton Ultra Shift Plus has an inertia brake which allows the use of both bottom and right side PTO apertures.
- F26:** PTO must be wired through the transmission controller per Eaton instructions. See Eaton bulletin TRIG-2600 for interface with transmission.
- F9:** Engine Speed must be advanced to 1000 RPM for PTO operation. PTO will not activate below this speed.
- F6:** Direct mount pumps will not clear bulge on transmission case. Must use geared adapter. Use of adapter changes PTO output rotation.
- F7:** For vehicles with Spring Hanger interference, use adapter AD645-01. Not applicable for direct mount pumps. Use of adapter changes PTO output rotation.

////////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //






Eaton Fuller

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RTAO-10710C-AC/AS	RTLO-18913A/A-T2	RTO-11710C	RTOC-16913A
RTAO-12710C-AC/AS	RTLO-18918A-AS2/-AS3	RTO-11909ALL/MLL	RTOC-18909A
RTAO-14710C-AC/AS	RTLO-18918B/B-AS/B-T2	RTO-12609B/H	RTOCM-16909A
RTAO-16710C-AC/AS	RTLO-20718B/B-T2	RTO-12709H	RTOF-9509B
RTLC-16609A/E	RTLO-20913A/A-AS2	RTO-12710C	RTOO-11613
RTLC-16613A/E	RTLO-20918A-AS3	RTO-13609B/H	RTOO-14613
RTLO-12713A	RTLO-20918B/B-AS/B-T2	RTO-13709H	RTOO-9513
RTLO-12913A	RTLO-22918A/A-AS2/ A-AS3	RTO-13710C	RTX-11609B
RTLO-13118AMT	RTLO-22918B/B-AS	RTO-14609B/H	RTX-11709H
RTLO-14713A/A-T2	RTLOC-16909A/A-T2	RTO-14610C	RTX-11710C
RTLO-14718B/B-T2	RTLOC-18909A/A-T2	RTO-14709H/MLL	RTX-12609B
RTLO-14913A/A-T2	RTLOC-18909A/A-T2	RTO-14710C/C-AS2	RTX-12709H
RTLO-14918A-AS2/S3	RTLOF-14718B	RTO-14909ALL/MLL	RTX-12710C
RTLO-14918B/B-AS/ B-AS3/B-T2	RTLOF-14918B	RTO-14910C/C-AS2/ C-AS3	RTX-13609B
RTLO-16713A/A-MT/ A-T2	RTLOF-16718B	RTO-15710C	RTX-13709H
RTLO-16718B/B-T2	RTLOF-16918B	RTO-16709B/H	RTX-13710C
RTLO-16913-LHS-D	RTLOF-18718B,	RTO-16710C&C-AS2	RTX-14609B
RTLO-16913-T2/A/A- T2/L-LHP	RTLOF-18918B	RTO-16909ALL	RTX-14709H
RTLO-16918A-AS2/-AS3	RTLOF-20918B	RTO-16910C-AS2/C-AS3	RTX-14710C
RTLO-16918B/B-AS/B-T2	RTLOF-22918B	RTO-909B	RTX-15710C
RTLO-18718B/B-T2	RTLOFC-16909A/A-T2	RTO-9509B	RTX-16709B/H
	RTLOM-16913L-LH	RTOC-16709A	RTX-16710C
	RTO-11609B/H	RTOC-16909A	
	RTO-11709B/H/MLL		

6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		89	250	47	INCL	(F6,7,23)		OPP	01	
		C (73)		118	250	47	INCL	(F6,7,23)		OPP	01	
		E (86)		141	225	43	INCL	(F6,7,23)		OPP	01	
		J (95)		154	225	43	INCL	(F6,7,23)		OPP	01	
		O (125)		202	195	37	INCL	(F6,7,23)		OPP	01	
		R (137)		221	180	34	INCL	(F6,7,23)		OPP	01	
		S (150)		242	162	31	INCL	(F6,7,23)		OPP	01	
		T (165)		267	148	28	INCL	(F6,7,23)		OPP	01	
3200		Z (40)		65	250	47	INCL	(F6,7,23)		OPP	01	
		A (50)		81	250	47	INCL	(F6,7,23)		OPP	01	
		B (55)		89	250	47	INCL	(F6,7,23)		OPP	01	
		C (73)		118	250	47	INCL	(F6,7,23)		OPP	01	
		E (86)		141	225	43	INCL	(F6,7,23)		OPP	01	
		J (95)		155	225	43	INCL	(F6,7,23)		OPP	01	
		O (125)		202	195	37	INCL	(F6,7,23)		OPP	01	
		R (137)		221	180	34	INCL	(F6,7,23)		OPP	01	
6000		Forward (73)		118	150	28	INCL	(F7)		BOTH	01	
		Reverse (83)		134	150	28	INCL	(F7)		BOTH	01	

For complete part numbers, consult the PTO Series section (page 25)

Eaton Fuller

FUL.45

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)		81	250	47	INCL	(F11,23)		OPP	O1	
		B (55)		93	250	47	INCL	(F11,23)		OPP	O1	
		C (73)		123	250	47	INCL	(F11,23)		OPP	O1	
		E (86)		147	225	43	INCL	(F11,23)		OPP	O1	
		J (95)		160	225	43	INCL	(F11,23)		OPP	O1	
		O (125)		211	180	34	INCL	(F11,23)		OPP	O1	
		R (137)		231	170	32	INCL	(F11,23)		OPP	O1	
		S (150)		253	155	29	INCL	(F11,23)		OPP	O1	
		T (165)		278	140	27	INCL	(F11,23)		OPP	O1	
3800		Z (40)		68	250	47	INCL	(F11,23) CLUTCH SHIFT		OPP	O1	
		A (50)		84	250	47	INCL	(F11,23) CLUTCH SHIFT		OPP	O1	
		B (55)		93	250	47	INCL	(F11,23) CLUTCH SHIFT		OPP	O1	
		C (73)		123	250	47	INCL	(F11,23) CLUTCH SHIFT		OPP	O1	
		E (86)		148	225	43	INCL	(F11,23) CLUTCH SHIFT		OPP	O1	
		J (95)		161	225	43	INCL	(F11,23) CLUTCH SHIFT		OPP	O1	
		O (125)		211	195	37	INCL	(F11,23) CLUTCH SHIFT		OPP	O1	
		R (137)		231	180	34	INCL	(F11,23) CLUTCH SHIFT		OPP	O1	
		S (150)		253	162	31	INCL	(F11,23) CLUTCH SHIFT		OPP	O1	
4100		T (165)		278	148	28	INCL	(F11,23) CLUTCH SHIFT		OPP	O1	
		B (57)		92	420	80	INCL	(F11,12)		OPP	O1	
		C (70)		113	350	66	INCL	(F11,12)		OPP	O1	
		E (86)		139	285	54	INCL	(F11,12)		OPP	O1	
4250		J (105)		170	235	44	INCL	(F11,12)		OPP	O1	
		Output 1 C (96)		112	355	67	INCL	(F11,12,25)		OPP	O1	
		Output 2 B (89)		104	380	72	INCL	(F11,12,25)		OPP	O1	
		Output 1 E (112)		131	300	57	INCL	(F11,12,25)		OPP	O1	
		Output 2 C (104)		120	325	62	INCL	(F11,12,25)		OPP	O1	
		Output 1 J (132)		153	260	49	INCL	(F11,12,25)		OPP	O1	
		Output 2 E (121)		140	280	53	INCL	(F11,12,25)		OPP	O1	
		Output 1 O (168)		195	200	38	INCL	(F11,12,25)		OPP	O1	
	Output 2 J (152)		177	220	42	INCL	(F11,12,25)		OPP	O1		

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)



Eaton Fuller

FUL.45

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
6800		Forward (55)		89	150	28	INCL	(F11)		BOTH	O1	
		Reverse (52)		84	150	28	INCL	(F11)		BOTH	O1	
8000		Forward (40)		70	500	95	INCL	(F11)		BOTH	O1	
		Reverse (50)		83	500	95	INCL	(F11)		BOTH	O1	
8500		B (57)		64	500	95	INCL	(F11,23)		OPP	O1	
		C (70)		85	485	92	INCL	(F11,23)		OPP	O1	
		E (86)		101	400	76	INCL	(F11,23)		OPP	O1	
		J (105)		125	325	62	INCL	(F11,23)		OPP	O1	
		O (127)		145	270	51	INCL	(F11,23)		OPP	O1	
		R (137)			250	47	INCL	(F11,23)		OPP	O1	
		S (150)			225	43	INCL	(F11,23)		OPP	O1	
		T (165)			210	40	INCL	(F11,23)		OPP	O1	

CAUTION:

Eaton Transmission Division has established a **Maximum Torque Limit** for the transmission PTO driver gear. For all RT/RTO/RTLO transmissions the torque limit is **350 ft-lbs (475 Nm) Maximum** unless the transmission has been upgraded to a roller type input shaft bearing. The Eaton part number **4301417** when installed moves the torque rating for the PTO driver gear to **500 ft-lbs (678 Nm) of torque Maximum**. All torque limits listed in the BZ application book are intermediate ratings. If the transmission has not been upgraded as described above **DO NOT exceed 350 ft-lbs of torque for any application.**

FOOT NOTES:

F11: Trucks with setback front axles and direct mount pumps will have better clearance with "3" assembly arrangement. This will also provide better clearance of air tanks on International chassis.

F12: Possible internal transmission gear interference with 4000 Series "J" & "O" ratios and 4250 ratio O-J. Check Before installing PTO.

F17: Speeds shown are with transmission torque converter in lock up condition.

F18: This opening is not usable if transmission is equipped with optional low profile oil pan.

F25: Do not exceed maximum torque and power shown in Output 2 when both outputs are working simultaneously.

F23: Interference with adjacent gear in transmission for Ratios "O" and above on Right Side & Ratios "R" and above on Bottom.

F6: Direct mount pumps will not clear bulge on transmission case. Must use geared adapter. Use of adapter changes PTO output rotation.

F7: For vehicles with Spring Hanger interference, use adapter AD645-01. Not applicable for direct mount pumps. Use of adapter changes PTO output rotation.

For complete part numbers, consult the PTO Series section (page 25)

Eaton Fuller

Eaton Fuller





FAO-11810C
FAO-12810C

FAO-13810C
FAO-14810C

FAO-15810C
FAO-16810C

FAOM-14810C
FAOM-15810C

FUL.46

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000	B (55)		89		250	47	INCL	(F6,7,23)		OPP	01	
	C (73)		118		250	47	INCL	(F6,7,23)		OPP	01	
	E (86)		141		225	43	INCL	(F6,7,23)		OPP	01	
	J (95)		154		225	43	INCL	(F6,7,23)		OPP	01	
	O (125)		202		195	37	INCL	(F6,7,23)		OPP	01	
	R (137)		221		180	34	INCL	(F6,7,23)		OPP	01	
	S (150)		242		162	31	INCL	(F6,7,23)		OPP	01	
	T (165)		267		148	28	INCL	(F6,7,23)		OPP	01	
3200	Z (40)		65		250	47	INCL	(F6,7,23)		OPP	01	
	A (50)		81		250	47	INCL	(F6,7,23)		OPP	01	
	B (55)		89		250	47	INCL	(F6,7,23)		OPP	01	
	C (73)		118		250	47	INCL	(F6,7,23)		OPP	01	
	E (86)		141		225	43	INCL	(F6,7,23)		OPP	01	
	J (95)		155		225	43	INCL	(F6,7,23)		OPP	01	
	O (125)		202		195	37	INCL	(F6,7,23)		OPP	01	
	R (137)		221		180	34	INCL	(F6,7,23)		OPP	01	
	S (150)		242		162	31	INCL	(F6,7,23)		OPP	01	
	T (165)		266		148	28	INCL	(F6,7,23)		OPP	01	
6000	Forward (73)		118		150	28	INCL	(F7)		BOTH	01	
	Reverse (83)		134		150	28	INCL	(F7)		BOTH	01	

Eaton Fuller

For complete part numbers, consult the PTO Series section (page 25)



Eaton Fuller





FAO-11810C
FAO-12810C

FAO-13810C
FAO-14810C

FAO-15810C
FAO-16810C

FAOM-14810C
FAOM-15810C

FUL.46

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000	A (50)			81	250	47	INCL	(F11,23)		OPP	O1	
	B (55)			93	250	47	INCL	(F11,23)		OPP	O1	
	C (73)			123	250	47	INCL	(F11,23)		OPP	O1	
	E (86)			147	225	43	INCL	(F11,23)		OPP	O1	
	J (95)			160	225	43	INCL	(F11,23)		OPP	O1	
	O (125)			211	180	34	INCL	(F11,23)		OPP	O1	
	R (137)			231	170	32	INCL	(F11,23)		OPP	O1	
	S (150)			253	155	29	INCL	(F11,23)		OPP	O1	
	T (165)			278	140	27	INCL	(F11,23)		OPP	O1	
3800	Z (40)			68	250	47	INCL	(F11,23) CLUTCH SHIFT		OPP	O1	
	A (50)			84	250	47	INCL	(F11,23) CLUTCH SHIFT		OPP	O1	
	B (55)			93	250	47	INCL	(F11,23) CLUTCH SHIFT		OPP	O1	
	C (73)			123	250	47	INCL	(F11,23) CLUTCH SHIFT		OPP	O1	
	E (86)			148	225	43	INCL	(F11,23) CLUTCH SHIFT		OPP	O1	
	J (95)			161	225	43	INCL	(F11,23) CLUTCH SHIFT		OPP	O1	
	O (125)			211	195	37	INCL	(F11,23) CLUTCH SHIFT		OPP	O1	
	R (137)			231	180	34	INCL	(F11,23) CLUTCH SHIFT		OPP	O1	
	S (150)			253	162	31	INCL	(F11,23) CLUTCH SHIFT		OPP	O1	
T (165)			278	148	28	INCL	(F11,23) CLUTCH SHIFT		OPP	O1		
4100	B (57)			92	420	80	INCL	(F11,12)		OPP	O1	
	C (70)			113	350	66	INCL	(F11,12)		OPP	O1	
	E (86)			139	285	54	INCL	(F11,12)		OPP	O1	
	J (105)			170	235	44	INCL	(F11,12)		OPP	O1	
4250	Output 1 C (96)			112	355	67	INCL	(F11,12,25)		OPP	O1	
	Output 2 B (89)			104	380	72	INCL	(F11,12,25)		OPP	O1	
	Output 1 E (112)			131	300	57	INCL	(F11,12,25)		OPP	O1	
	Output 2 C (104)			120	325	62	INCL	(F11,12,25)		OPP	O1	
	Output 1 J (132)			153	260	49	INCL	(F11,12,25)		OPP	O1	
	Output 2 E (121)			140	280	53	INCL	(F11,12,25)		OPP	O1	
	Output 1 O (168)			195	200	38	INCL	(F11,12,25)		OPP	O1	
	Output 2 J (152)			177	220	42	INCL	(F11,12,25)		OPP	O1	

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)

Eaton Fuller

Eaton Fuller




FAO-11810C
FAO-12810C

FAO-13810C
FAO-14810C

FAO-15810C
FAO-16810C

FAOM-14810C
FAOM-15810C

FUL.46

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
6800	Forward (55)		89		150	28	INCL	(F11)		BOTH	O1	
	Reverse (52)		84		150	28	INCL	(F11)		BOTH	O1	
8000	Forward (40)		70		500	95	INCL	(F11)		BOTH	O1	
	Reverse (50)		83		500	95	INCL	(F11)		BOTH	O1	
8500	B (57)		64		500	95	INCL	(F11,23)		OPP	O1	
	C (70)		85		485	92	INCL	(F11,23)		OPP	O1	
	E (86)		101		400	76	INCL	(F11,23)		OPP	O1	
	J (105)		125		325	62	INCL	(F11,23)		OPP	O1	
	O (127)		145		270	51	INCL	(F11,23)		OPP	O1	
	R (137)				250	47	INCL	(F11,23)		OPP	O1	
	S (150)				225	43	INCL	(F11,23)		OPP	O1	
	T (165)				210	40	INCL	(F11,23)		OPP	O1	

FOOT NOTES:

- F11: Trucks with setback front axles and direct mount pumps will have better clearance with "3" assembly arrangement. This will also provide better clearance of air tanks on International chassis.
- F12: Possible internal transmission gear interference with 4000 Series "J" & "O" ratios and 4250 ratio O-J. Check Before installing PTO.
- F25: Do not exceed maximum torque and power shown in Output 2 when both outputs are working simultaneously.
- F23: Interference with adjacent gear in transmission for Ratios "O" and above on Right Side & Ratios "R" and above on Bottom.
- F6: Direct mount pumps will not clear bulge on transmission case. Must use geared adapter. Use of adapter changes PTO output rotation.
- F7: For vehicles with Spring Hanger interference, use adapter AD645-01.

Not applicable for direct mount pumps. Use of adapter changes PTO output rotation.

For complete part numbers, consult the PTO Series section (page 25)







Eaton Fuller

RTO-11109B-AT
RTO-12109B-AT

RTO-13109B-AT
RTO-14109B-AT

RTO-16109B-AT
RTO-9109B-AT

FUL.47

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		89	250	47	INCL	(F6,17)		OPP	01	
		C (73)		118	250	47	INCL	(F6,17)		OPP	01	
		E (86)		141	225	43	INCL	(F6,17)		OPP	01	
		J (95)		154	225	43	INCL	(F6,17)		OPP	01	
		O (125)		202	195	37	INCL	(F6,17)		OPP	01	
		R (137)		221	180	34	INCL	(F6,17)		OPP	01	
		S (150)		242	162	31	INCL	(F6,17)		OPP	01	
		T (165)		267	148	28	INCL	(F6,17)		OPP	01	
3200		Z (40)		65	250	47	INCL	(F6,17)		OPP	01	
		A (50)		81	250	47	INCL	(F6,17)		OPP	01	
		B (55)		89	250	47	INCL	(F6,17)		OPP	01	
		C (73)		118	250	47	INCL	(F6,17)		OPP	01	
		E (86)		141	225	43	INCL	(F6,17)		OPP	01	
		J (95)		155	225	43	INCL	(F6,17)		OPP	01	
		O (125)		202	195	37	INCL	(F6,17)		OPP	01	
		R (137)		221	180	34	INCL	(F6,17)		OPP	01	
		S (150)		242	162	31	INCL	(F6,17)		OPP	01	
	T (165)		266	148	28	INCL	(F6,17)		OPP	01		
6000		Forward (73)		118	150	28	INCL	(F17)		BOTH	01	
		Reverse (83)		134	150	28	INCL	(F17)		BOTH	01	

Eaton Fuller

For complete part numbers, consult the PTO Series section (page 25)






Eaton Fuller

RTO-11109B-AT
RTO-12109B-AT

RTO-13109B-AT
RTO-14109B-AT

RTO-16109B-AT
RTO-9109B-AT

FUL.47

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000	A (50)		79		250	47	INCL	(F17,18)		OPP	O1	
	B (55)		93		250	47	INCL	(F17,18)		OPP	O1	
	C (73)		123		250	47	INCL	(F17,18)		OPP	O1	
	E (86)		147		225	43	INCL	(F17,18)		OPP	O1	
	J (95)		160		225	43	INCL	(F17,18)		OPP	O1	
	O (125)		211		180	34	INCL	(F17,18)		OPP	O1	
	R (137)		231		170	32	INCL	(F17,18)		OPP	O1	
	S (150)		253		155	29	INCL	(F17,18)		OPP	O1	
T (165)		278		140	27	INCL	(F17,18)		OPP	O1		
3800	Z (40)		68		250	47	INCL	(F17,18) CLUTCH SHIFT		OPP	O1	
	A (50)		84		250	47	INCL	(F17,18) CLUTCH SHIFT		OPP	O1	
	B (55)		93		250	47	INCL	(F17,18) CLUTCH SHIFT		OPP	O1	
	C (73)		123		250	47	INCL	(F17,18) CLUTCH SHIFT		OPP	O1	
	E (86)		148		225	43	INCL	(F17,18) CLUTCH SHIFT		OPP	O1	
	J (95)		161		225	43	INCL	(F17,18) CLUTCH SHIFT		OPP	O1	
	O (125)		211		195	37	INCL	(F17,18) CLUTCH SHIFT		OPP	O1	
	R (137)		231		180	34	INCL	(F17,18) CLUTCH SHIFT		OPP	O1	
	S (150)		253		162	31	INCL	(F17,18) CLUTCH SHIFT		OPP	O1	
	T (165)		278		148	28	INCL	(F17,18) CLUTCH SHIFT		OPP	O1	
4100	B (57)		92		420	80	INCL	(F17,18)		OPP	O1	
	C (70)		113		350	66	INCL	(F17,18)		OPP	O1	
	E (86)		139		285	54	INCL	(F17,18)		OPP	O1	
	J (105)		170		235	44	INCL	(F17,18)		OPP	O1	
4250	Output 1 C (96)		112		355	67	INCL	(F17,18,25)		OPP	O1	
	Output 2 B (89)		104		380	72	INCL	(F17,18,25)		OPP	O1	
	Output 1 E (112)		131		300	57	INCL	(F17,18,25)		OPP	O1	
	Output 2 C (104)		120		325	62	INCL	(F17,18,25)		OPP	O1	
	Output 1 J (132)		153		260	49	INCL	(F17,18,25)		OPP	O1	
	Output 2 E (121)		140		280	53	INCL	(F17,18,25)		OPP	O1	
	Output 1 O (168)		195		200	38	INCL	(F17,18,25)		OPP	O1	
	Output 2 J (152)		177		220	42	INCL	(F17,18,25)		OPP	O1	

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)



Eaton Fuller

RTO-11109B-AT
RTO-12109B-AT

RTO-13109B-AT
RTO-14109B-AT

RTO-16109B-AT
RTO-9109B-AT

FUL.47

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
6800		Forward (55)		89	150	28	INCL	(F17,18)		BOTH	O1	
		Reverse (52)		84	150	28	INCL	(F17,18)		BOTH	O1	
8000		Forward (40)		70	500	95	INCL	(F17,18)		BOTH	O1	
		Reverse (50)		83	500	95	INCL	(F17,18)		BOTH	O1	
8500		B (57)		64	500	95	INCL	(F17,18)		OPP	O1	
		C (70)		85	485	92	INCL	(F17,18)		OPP	O1	
		E (86)		101	400	76	INCL	(F17,18)		OPP	O1	
		J (105)		125	325	62	INCL	(F17,18)		OPP	O1	
		O (127)		145	270	51	INCL	(F17,18)		OPP	O1	
		R (137)		159	250	47	INCL	(F17,18)		OPP	O1	
		S (150)		174	225	43	INCL	(F17,18)		OPP	O1	
	T (165)		191	210	40	INCL	(F17,18)		OPP	O1		

CAUTION:

Eaton Transmission Division has established a **Maximum Torque Limit** for the transmission PTO driver gear. For all RT/RTO/RTLO transmissions the torque limit is **350 ft-lbs (475 Nm) Maximum** unless the transmission has been upgraded to a roller type input shaft bearing. The Eaton part number **4301417** when installed moves the torque rating for the PTO driver gear to **500 ft-lbs (678 Nm) of torque Maximum**. All torque limits listed in the BZ application book are intermediate ratings. If the transmission has not been upgraded as described above **DO NOT** exceed 350 ft-lbs of torque for any application.

FOOT NOTES:

- F17:** Speeds shown are with transmission torque converter in lock up condition.
- F18:** This opening is not usable if transmission is equipped with optional low profile oil pan.
- F25:** Do not exceed maximum torque and power shown in Output 2 when both outputs are working simultaneously.
- F6:** Direct mount pumps will not clear bulge on transmission case. Must use geared adapter. Use of adapter changes PTO output rotation.

For complete part numbers, consult the PTO Series section (page 25)



Eaton Fuller

Eaton Fuller





RTO-1157DL/DLL

TO-11605D

TO-905A/D

TO-955AL/ALL/DLL

FUL.48

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		92	250	47	INCL	(F6,7)		OPP	01	
		C (73)		122	250	47	INCL	(F6,7)		OPP	01	
		E (86)		146	225	43	INCL	(F6,7)		OPP	01	
		J (95)		159	225	43	INCL	(F6,7)		OPP	01	
		O (125)		210	195	37	INCL	(F6,7)		OPP	01	
		R (137)		230	180	34	INCL	(F6,7)		OPP	01	
		S (150)		252	162	31	INCL	(F6,7)		OPP	01	
		T (165)		277	148	28	INCL	(F6,7)		OPP	01	
3200		Z (40)		67	250	47	INCL	(F6,7)		OPP	01	
		A (50)		84	250	47	INCL	(F6,7)		OPP	01	
		B (55)		92	250	47	INCL	(F6,7)		OPP	01	
		C (73)		122	250	47	INCL	(F6,7)		OPP	01	
		E (86)		147	225	43	INCL	(F6,7)		OPP	01	
		J (95)		160	225	43	INCL	(F6,7)		OPP	01	
		O (125)		210	195	37	INCL	(F6,7)		OPP	01	
		R (137)		230	180	34	INCL	(F6,7)		OPP	01	
6000		Forward (73)		122	150	28	INCL	(F7)		BOTH	01	
		Reverse (83)		139	150	28	INCL	(F7)		BOTH	01	

Eaton Fuller

For complete part numbers, consult the PTO Series section (page 25)



Eaton Fuller

RTO-1157DL/DLL





TO-11605D

TO-905A/D

TO-955AL/ALL/DLL

FUL.48

Eaton Fuller

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000	A (50)			84	250	47	INCL			OPP	O1	
	B (55)			96	250	47	INCL			OPP	O1	
	C (73)			128	250	47	INCL			OPP	O1	
	E (86)			152	225	43	INCL			OPP	O1	
	J (95)			166	225	43	INCL			OPP	O1	
	O (125)			219	180	34	INCL			OPP	O1	
	R (137)			240	170	32	INCL			OPP	O1	
	S (150)			263	155	29	INCL			OPP	O1	
	T (165)			289	140	27	INCL			OPP	O1	
3800	Z (40)			70	250	47	INCL	CLUTCH SHIFT		OPP	O1	
	A (50)			88	250	47	INCL	CLUTCH SHIFT		OPP	O1	
	B (55)			96	250	47	INCL	CLUTCH SHIFT		OPP	O1	
	C (73)			128	250	47	INCL	CLUTCH SHIFT		OPP	O1	
	E (86)			153	225	43	INCL	CLUTCH SHIFT		OPP	O1	
	J (95)			168	225	43	INCL	CLUTCH SHIFT		OPP	O1	
	O (125)			219	195	37	INCL	CLUTCH SHIFT		OPP	O1	
	R (137)			240	180	34	INCL	CLUTCH SHIFT		OPP	O1	
	S (150)			263	162	31	INCL	CLUTCH SHIFT		OPP	O1	
T (165)			289	148	28	INCL	CLUTCH SHIFT		OPP	O1		
4100	B (57)			96	420	80	INCL			OPP	O1	
	C (70)			117	350	66	INCL			OPP	O1	
	E (86)			144	285	54	INCL			OPP	O1	
	J (105)			176	235	44	INCL			OPP	O1	
4250	Output 1 C (96)			116	355	67	INCL	(F25)		OPP	O1	
	Output 2 B (89)			108	380	72	INCL	(F25)		OPP	O1	
	Output 1 E (112)			135	300	57	INCL	(F25)		OPP	O1	
	Output 2 C (104)			125	325	62	INCL	(F25)		OPP	O1	
	Output 1 J (132)			159	260	49	INCL	(F25)		OPP	O1	
	Output 2 E (121)			146	280	53	INCL	(F25)		OPP	O1	
	Output 1 O (168)			203	200	38	INCL	(F25)		OPP	O1	
	Output 2 J (152)			184	220	42	INCL	(F25)		OPP	O1	

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)

Eaton Fuller

RTO-1157DL/DLL

TO-11605D

TO-905A/D

TO-955AL/ALL/DLL

FUL.48

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
6800		Forward (55)		92	150	28	INCL			BOTH	O1	
		Reverse (52)		87	150	28	INCL			BOTH	O1	
8000		Forward (40)		72	500	95	INCL			BOTH	O1	
		Reverse (50)		86	500	95	INCL			BOTH	O1	
8500		B (57)		66	500	95	INCL			OPP	O1	
		C (70)		88	485	92	INCL			OPP	O1	
		E (86)		105	400	76	INCL			OPP	O1	
		J (105)		130	325	62	INCL			OPP	O1	
		O (127)		151	270	51	INCL			OPP	O1	
		R (137)		165	250	47	INCL			OPP	O1	
		S (150)		181	225	43	INCL			OPP	O1	
		T (165)		199	210	40	INCL			OPP	O1	

CAUTION:

Eaton Transmission Division has established a **Maximum Torque Limit** for the transmission PTO driver gear. For all RT/RTO/RTLO transmissions the torque limit is **350 ft-lbs (475 Nm) Maximum** unless the transmission has been upgraded to a roller type input shaft bearing.

The Eaton part number **4301417** when installed moves the torque rating for the PTO driver gear to **500 ft-lbs (678 Nm) of torque Maximum**. All torque limits listed in the BZ application book are intermediate ratings. If the transmission has not been upgraded as described above

DO NOT exceed 350 ft-lbs of torque for any application.

FOOT NOTES:

- F25:** Do not exceed maximum torque and power shown in Output 2 when both outputs are working simultaneously.
- F6:** Direct mount pumps will not clear bulge on transmission case. Must use geared adapter. Use of adapter changes PTO output rotation.
- F7:** For vehicles with Spring Hanger interference, use adapter AD645-01. Not applicable for direct mount pumps. Use of adapter changes PTO output rotation.

For complete part numbers, consult the PTO Series section (page 25)



Eaton Fuller

RTO-11607L/LL





RTO-11707DLL

RTO-11707LL

RTO-13707DLL/MLL

TO-11605A

FUL.49

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		93	250	47	INCL	(F6,7)		OPP	01	
		C (73)		124	250	47	INCL	(F6,7)		OPP	01	
		E (86)		147	225	43	INCL	(F6,7)		OPP	01	
		J (95)		161	225	43	INCL	(F6,7)		OPP	01	
		O (125)		212	195	37	INCL	(F6,7)		OPP	01	
		R (137)		232	180	34	INCL	(F6,7)		OPP	01	
		S (150)		254	162	31	INCL	(F6,7)		OPP	01	
		T (165)		279	148	28	INCL	(F6,7)		OPP	01	
3200		Z (40)		68	250	47	INCL	(F6,7)		OPP	01	
		A (50)		85	250	47	INCL	(F6,7)		OPP	01	
		B (55)		93	250	47	INCL	(F6,7)		OPP	01	
		C (73)		124	250	47	INCL	(F6,7)		OPP	01	
		E (86)		148	225	43	INCL	(F6,7)		OPP	01	
		J (95)		162	225	43	INCL	(F6,7)		OPP	01	
		O (125)		212	195	37	INCL	(F6,7)		OPP	01	
		R (137)		232	180	34	INCL	(F6,7)		OPP	01	
		S (150)		254	162	31	INCL	(F6,7)		OPP	01	
6000		Forward (73)		124	150	28	INCL	(F7)		BOTH	01	
		Reverse (83)		141	150	28	INCL	(F7)		BOTH	01	

Eaton Fuller

For complete part numbers, consult the PTO Series section (page 25)

Eaton Fuller

RTO-11607L/LL





RTO-11707DLL

RTO-11707LL

RTO-13707DLL/MLL

TO-11605A

FUL.49

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)		84	250	47	INCL			OPP	O1	
		B (55)		97	250	47	INCL			OPP	O1	
		C (73)		129	250	47	INCL			OPP	O1	
		E (86)		154	225	43	INCL			OPP	O1	
		J (95)		168	225	43	INCL			OPP	O1	
		O (125)		221	180	34	INCL			OPP	O1	
		R (137)		242	170	32	INCL			OPP	O1	
		S (150)		265	155	29	INCL			OPP	O1	
		T (165)		292	140	27	INCL			OPP	O1	
3800		Z (40)		71	250	47	INCL	CLUTCH SHIFT		OPP	O1	
		A (50)		88	250	47	INCL	CLUTCH SHIFT		OPP	O1	
		B (55)		97	250	47	INCL	CLUTCH SHIFT		OPP	O1	
		C (73)		129	250	47	INCL	CLUTCH SHIFT		OPP	O1	
		E (86)		155	225	43	INCL	CLUTCH SHIFT		OPP	O1	
		J (95)		169	225	43	INCL	CLUTCH SHIFT		OPP	O1	
		O (125)		221	195	37	INCL	CLUTCH SHIFT		OPP	O1	
		R (137)		242	180	34	INCL	CLUTCH SHIFT		OPP	O1	
		S (150)		265	162	31	INCL	CLUTCH SHIFT		OPP	O1	
4100		T (165)		291	148	28	INCL	CLUTCH SHIFT		OPP	O1	
		B (57)		96	420	80	INCL			OPP	O1	
		C (70)		118	350	66	INCL			OPP	O1	
		E (86)		146	285	54	INCL			OPP	O1	
4250		J (105)		178	235	44	INCL			OPP	O1	
		Output 1 C (96)		117	355	67	INCL	(F25)		OPP	O1	
		Output 2 B (89)		109	380	72	INCL	(F25)		OPP	O1	
		Output 1 E (112)		137	300	57	INCL	(F25)		OPP	O1	
		Output 2 C (104)		126	325	62	INCL	(F25)		OPP	O1	
		Output 1 J (132)		160	260	49	INCL	(F25)		OPP	O1	
		Output 2 E (121)		147	280	53	INCL	(F25)		OPP	O1	
		Output 1 O (168)		205	200	38	INCL	(F25)		OPP	O1	
	Output 2 J (152)		185	220	42	INCL	(F25)		OPP	O1		

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)



Eaton Fuller

RTO-11607L/LL

RTO-11707DLL

RTO-11707LL

RTO-13707DLL/MLL

TO-11605A

FUL.49

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
6800		Forward (55)		93	150	28	INCL			BOTH	O1	 ↑ 1B
		Reverse (52)		88	150	28	INCL			BOTH	O1	
8000		Forward (40)		73	500	95	INCL			BOTH	O1	 ↑ 1B
		Reverse (50)		87	500	95	INCL			BOTH	O1	
8500		B (57)		67	500	95	INCL			OPP	O1	 ↑ 1B
		C (70)		89	485	92	INCL			OPP	O1	
		E (86)		106	400	76	INCL			OPP	O1	
		J (105)		131	325	62	INCL			OPP	O1	
		O (127)		152	270	51	INCL			OPP	O1	
		R (137)		167	250	47	INCL			OPP	O1	
		S (150)		182	225	43	INCL			OPP	O1	
		T (165)		201	210	40	INCL			OPP	O1	

CAUTION:

Eaton Transmission Division has established a **Maximum Torque Limit** for the transmission PTO driver gear. For all RT/RTO/RTLO transmissions the torque limit is **350 ft-lbs (475 Nm) Maximum** unless the transmission has been upgraded to a roller type input shaft bearing.

The Eaton part number **4301417** when installed moves the torque rating for the PTO driver gear to **500 ft-lbs (678 Nm) of torque Maximum**. All torque limits listed in the BZ application book are intermediate ratings. If the transmission has not been upgraded as described above

DO NOT exceed 350 ft-lbs of torque for any application.

FOOT NOTES:

F25: Do not exceed maximum torque and power shown in Output 2 when both outputs are working simultaneously.

F6: Direct mount pumps will not clear bulge on transmission case. Must use geared adapter. Use of adapter changes PTO output rotation.

F7: For vehicles with Spring Hanger interference, use adapter AD645-01. Not applicable for direct mount pumps. Use of adapter changes PTO output rotation.

For complete part numbers, consult the PTO Series section (page 25)

Eaton Fuller

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FRO-11210C
FRO-12210C
FRO-13210C
FRO-14210C





FRO-15210C
FRO-16210C
FRO-17210C
FRO-18210C

RTO-11210C
RTO-11210R
RTO-12210C
RTO-12210R

RTO-13210C
RTO-13210R
RTO-14210C
RTO-14210R

RTO-15210C
RTO-16210C

FUL.50

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		94	250	47	M1	(F6)		OPP	01	
		C (73)		125	250	47	M1	(F6)		OPP	01	
		E (86)		149	225	43	M1	(F6)		OPP	01	
		J (95)		163	225	43	M1	(F6)		OPP	01	
		O (125)		215	195	37	M1	(F6)		OPP	01	
		R (137)		235	180	34	M1	(F6)		OPP	01	
		S (150)		258	162	31	M1	(F6)		OPP	01	
		T (165)		284	148	28	M1	(F6)		OPP	01	
3200		Z (40)		69	250	47	M1	(F6)		OPP	01	
		A (50)		86	250	47	M1	(F6)		OPP	01	
		B (55)		94	250	47	M1	(F6)		OPP	01	
		C (73)		125	250	47	M1	(F6)		OPP	01	
		E (86)		150	225	43	M1	(F6)		OPP	01	
		J (95)		164	225	43	M1	(F6)		OPP	01	
		O (125)		215	195	37	M1	(F6)		OPP	01	
		R (137)		235	180	34	M1	(F6)		OPP	01	
		S (150)		258	162	31	M1	(F6)		OPP	01	
	T (165)		283	148	28	M1	(F6)		OPP	01		
6000		Forward (73)		125	150	28	M1			BOTH	01	
		Reverse (83)		143	150	28	M1			BOTH	01	





Eaton Fuller

For complete part numbers, consult the PTO Series section (page 25)



Eaton Fuller

FUL.50

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000	A (50)			93	250	47	M2			OPP	O1	
	B (55)			99	250	47	M2			OPP	O1	
	C (73)			131	250	47	M2			OPP	O1	
	E (86)			156	225	43	M2			OPP	O1	
	J (95)			170	225	43	M2			OPP	O1	
	O (125)			224	180	34	M2			OPP	O1	
	R (137)			246	170	32	M2			OPP	O1	
	S (150)			269	155	29	M2			OPP	O1	
	T (165)			296	140	27	M2			OPP	O1	
3800	Z (40)			72	250	47	M2	CLUTCH SHIFT		OPP	O1	
	A (50)			90	250	47	M2	CLUTCH SHIFT		OPP	O1	
	B (55)			99	250	47	M2	CLUTCH SHIFT		OPP	O1	
	C (73)			131	250	47	M2	CLUTCH SHIFT		OPP	O1	
	E (86)			157	225	43	M2	CLUTCH SHIFT		OPP	O1	
	J (95)			172	225	43	M2	CLUTCH SHIFT		OPP	O1	
	O (125)			224	195	37	M2	CLUTCH SHIFT		OPP	O1	
	R (137)			246	180	34	M2	CLUTCH SHIFT		OPP	O1	
	S (150)			269	162	31	M2	CLUTCH SHIFT		OPP	O1	
T (165)			296	148	28	M2	CLUTCH SHIFT		OPP	O1		
4100	B (57)			98	420	80	M2			OPP	O1	
	C (70)			120	350	66	M2			OPP	O1	
	E (86)			148	285	54	M2			OPP	O1	
	J (105)			180	235	44	M2			OPP	O1	
4250	Output 1 C (96)			119	355	67	M2	(F25)		OPP	O1	
	Output 2 B (89)			110	380	72	M2	(F25)		OPP	O1	
	Output 1 E (112)			139	300	57	M2	(F25)		OPP	O1	
	Output 2 C (104)			128	325	62	M2	(F25)		OPP	O1	
	Output 1 J (132)			163	260	49	M2	(F25)		OPP	O1	
	Output 2 E (121)			149	280	53	M2	(F25)		OPP	O1	
	Output 1 O (168)			208	200	38	M2	(F25)		OPP	O1	
	Output 2 J (152)			188	220	42	M2	(F25)		OPP	O1	




CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)

Eaton Fuller

Eaton Fuller

FUL.50

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
6800		Forward (55)		94	150	28	M2			BOTH	O1	
		Reverse (52)		89	150	28	M2			BOTH	O1	
8000		Forward (40)		74	500	95	M2			BOTH	O1	
		Reverse (50)		88	500	95	M2			BOTH	O1	
8500		B (57)		68	500	95	M2			OPP	O1	
		C (70)		90	485	92	M2			OPP	O1	
		E (86)		107	400	76	M2			OPP	O1	
		J (105)		133	325	62	M2			OPP	O1	
		O (127)		154	270	51	M2			OPP	O1	
		R (137)		169	250	47	M2			OPP	O1	
		S (150)		185	225	43	M2			OPP	O1	
		T (165)		204	210	40	M2			OPP	O1	

CAUTION:

Eaton Transmission Division has established a **Maximum Torque Limit** for the transmission PTO driver gear. For all RT/RTO/RTL0 transmissions the torque limit is **350 ft-lbs (475 Nm) Maximum** unless the transmission has been upgraded to a roller type input shaft bearing.

The Eaton part number **4301417** when installed moves the torque rating for the PTO driver gear to **500 ft-lbs (678 Nm) of torque Maximum**. All torque limits listed in the BZ application book are intermediate ratings. If the transmission has not been upgraded as described above

DO NOT exceed 350 ft-lbs of torque for any application.

FOOT NOTES:

F25: Do not exceed maximum torque and power shown in Output 2 when both outputs are working simultaneously.

F6: Direct mount pumps will not clear bulge on transmission case. Must use geared adapter. Use of adapter changes PTO output rotation.

For complete part numbers, consult the PTO Series section (page 25)



Eaton Fuller





RTO-910

RTO-915

RTOF-910

RTOF-915

FUL.51

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000	B (55)			97	250	47	INCL	(F6,7)		OPP	01	
	C (73)			129	250	47	INCL	(F6,7)		OPP	01	
	E (86)			154	225	43	INCL	(F6,7)		OPP	01	
	J (95)			168	225	43	INCL	(F6,7)		OPP	01	
	O (125)			221	195	37	INCL	(F6,7)		OPP	01	
	R (137)			242	180	34	INCL	(F6,7)		OPP	01	
	S (150)			265	162	31	INCL	(F6,7)		OPP	01	
	T (165)			292	148	28	INCL	(F6,7)		OPP	01	
3200	Z (40)			71	250	47	INCL	(F6,7)		OPP	01	
	A (50)			88	250	47	INCL	(F6,7)		OPP	01	
	B (55)			97	250	47	INCL	(F6,7)		OPP	01	
	C (73)			129	250	47	INCL	(F6,7)		OPP	01	
	E (86)			155	225	43	INCL	(F6,7)		OPP	01	
	J (95)			169	225	43	INCL	(F6,7)		OPP	01	
	O (125)			221	195	37	INCL	(F6,7)		OPP	01	
	R (137)			242	180	34	INCL	(F6,7)		OPP	01	
	S (150)			265	162	31	INCL	(F6,7)		OPP	01	
T (165)			291	148	28	INCL	(F6,7)		OPP	01		
6000	Forward (73)			129	150	28	INCL	(F7)		BOTH	01	
	Reverse (83)			147	150	28	INCL	(F7)		BOTH	01	

Eaton Fuller

For complete part numbers, consult the PTO Series section (page 25)

Eaton Fuller





RTO-910

RTO-915

RTOF-910

RTOF-915

FUL.51

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)		88	250	47	INCL	(F11)		OPP	O1	
		B (55)		102	250	47	INCL	(F11)		OPP	O1	
		C (73)		135	250	47	INCL	(F11)		OPP	O1	
		E (86)		161	225	43	INCL	(F11)		OPP	O1	
		J (95)		176	225	43	INCL	(F11)		OPP	O1	
		O (125)		231	180	34	INCL	(F11)		OPP	O1	
		R (137)		253	170	32	INCL	(F11)		OPP	O1	
		S (150)		277	155	29	INCL	(F11)		OPP	O1	
		T (165)		305	140	27	INCL	(F11)		OPP	O1	
3800		Z (40)		74	250	47	INCL	(F11) CLUTCH SHIFT		OPP	O1	
		A (50)		92	250	47	INCL	(F11) CLUTCH SHIFT		OPP	O1	
		B (55)		102	250	47	INCL	(F11) CLUTCH SHIFT		OPP	O1	
		C (73)		135	250	47	INCL	(F11) CLUTCH SHIFT		OPP	O1	
		E (86)		162	225	43	INCL	(F11) CLUTCH SHIFT		OPP	O1	
		J (95)		177	225	43	INCL	(F11) CLUTCH SHIFT		OPP	O1	
		O (125)		231	195	37	INCL	(F11) CLUTCH SHIFT		OPP	O1	
		R (137)		253	180	34	INCL	(F11) CLUTCH SHIFT		OPP	O1	
		S (150)		277	162	31	INCL	(F11) CLUTCH SHIFT		OPP	O1	
4100		T (165)		304	148	28	INCL	(F11) CLUTCH SHIFT		OPP	O1	
		B (57)		101	420	80	INCL	(F11)		OPP	O1	
		C (70)		124	350	66	INCL	(F11)		OPP	O1	
		E (86)		152	285	54	INCL	(F11)		OPP	O1	
4250		J (105)		186	235	44	INCL	(F11)		OPP	O1	
		Output 1 C (96)		122	355	67	INCL	(F11,25)		OPP	O1	
		Output 2 B (89)		113	380	72	INCL	(F11,25)		OPP	O1	
		Output 1 E (112)		143	300	57	INCL	(F11,25)		OPP	O1	
		Output 2 C (104)		132	325	62	INCL	(F11,25)		OPP	O1	
		Output 1 J (132)		167	260	49	INCL	(F11,25)		OPP	O1	
		Output 2 E (121)		154	280	53	INCL	(F11,25)		OPP	O1	
		Output 1 O (168)		214	200	38	INCL	(F11,25)		OPP	O1	
	Output 2 J (152)		194	220	42	INCL	(F11,25)		OPP	O1		

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)



Eaton Fuller


RTO-910

RTO-915

RTOF-910

RTOF-915

FUL.51

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
6800		Forward (55)		97	150	28	INCL	(F11)		BOTH	O1	
		Reverse (52)		92	150	28	INCL	(F11)		BOTH	O1	
8000		Forward (40)		76	500	95	INCL	(F11)		BOTH	O1	
		Reverse (50)		91	500	95	INCL	(F11)		BOTH	O1	
8500		B (57)		70	500	95	INCL	(F11)		OPP	O1	
		C (70)		93	485	92	INCL	(F11)		OPP	O1	
		E (86)		111	400	76	INCL	(F11)		OPP	O1	
		J (105)		137	325	62	INCL	(F11)		OPP	O1	
		O (127)		159	270	51	INCL	(F11)		OPP	O1	
		R (137)		174	250	47	INCL	(F11)		OPP	O1	
		S (150)		191	225	43	INCL	(F11)		OPP	O1	
		T (165)		210	210	40	INCL	(F11)		OPP	O1	

CAUTION:

Eaton Transmission Division has established a **Maximum Torque Limit** for the transmission PTO driver gear. For all RT/RTO/RTLO transmissions the torque limit is **350 ft-lbs (475 Nm) Maximum** unless the transmission has been upgraded to a roller type input shaft bearing.

The Eaton part number **4301417** when installed moves the torque rating for the PTO driver gear to **500 ft-lbs (678 Nm) of torque Maximum**. All torque limits listed in the BZ application book are intermediate ratings. If the transmission has not been upgraded as described above **DO NOT exceed 350 ft-lbs of torque for any application.**

FOOT NOTES:

- F11: Trucks with setback front axles and direct mount pumps will have better clearance with "3" assembly arrangement. This will also provide better clearance of air tanks on International chassis.
- F25: Do not exceed maximum torque and power shown in Output 2 when both outputs are working simultaneously.
- F6: Direct mount pumps will not clear bulge on transmission case. Must use geared adapter. Use of adapter changes PTO output rotation.
- F7: For vehicles with Spring Hanger interference, use adapter AD645-01. Not applicable for direct mount pumps. Use of adapter changes PTO output rotation.

//////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //////////////////////////////////////



Eaton Fuller

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FRO-11210B
FRO-12210B
FRO-13210B
FRO-14210B





FRO-15210B
FRO-16210B
FRO-9210B
RTO-11209B/H

RTO-11210B
RTO-12209B/H
RTO-12210B
RTO-13209B/H

RTO-13210B
RTO-14209B/H
RTO-14210B
RTO-15210B

RTO-16210B

FUL.52

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		98	250	47	M1	(F6)		OPP	01	
		C (73)		130	250	47	M1	(F6)		OPP	01	
		E (86)		155	225	43	M1	(F6)		OPP	01	
		J (95)		169	225	43	M1	(F6)		OPP	01	
		O (125)		222	195	37	M1	(F6)		OPP	01	
		R (137)		244	180	34	M1	(F6)		OPP	01	
		S (150)		267	162	31	M1	(F6)		OPP	01	
		T (165)		294	148	28	M1	(F6)		OPP	01	
3200		Z (40)		71	250	47	M1	(F6)		OPP	01	
		A (50)		89	250	47	M1	(F6)		OPP	01	
		B (55)		98	250	47	M1	(F6)		OPP	01	
		C (73)		130	250	47	M1	(F6)		OPP	01	
		E (86)		156	225	43	M1	(F6)		OPP	01	
		J (95)		170	225	43	M1	(F6)		OPP	01	
		O (125)		222	195	37	M1	(F6)		OPP	01	
		R (137)		244	180	34	M1	(F6)		OPP	01	
		S (150)		267	162	31	M1	(F6)		OPP	01	
	T (165)		293	148	28	M1	(F6)		OPP	01		
6000		Forward (73)		130	150	28	M1			BOTH	01	
		Reverse (83)		148	150	28	M1			BOTH	01	





Eaton Fuller

For complete part numbers, consult the PTO Series section (page 25)



Eaton Fuller

FUL.52

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000	A (50)			88	250	47	M2			OPP	O1	
	B (55)			102	250	47	M2			OPP	O1	
	C (73)			136	250	47	M2			OPP	O1	
	E (86)			162	225	43	M2			OPP	O1	
	J (95)			177	225	43	M2			OPP	O1	
	O (125)			232	180	34	M2			OPP	O1	
	R (137)			255	170	32	M2			OPP	O1	
	S (150)			279	155	29	M2			OPP	O1	
	T (165)			307	140	27	M2			OPP	O1	
3800	Z (40)			74	250	47	M2	CLUTCH SHIFT		OPP	O1	
	A (50)			93	250	47	M2	CLUTCH SHIFT		OPP	O1	
	B (55)			102	250	47	M2	CLUTCH SHIFT		OPP	O1	
	C (73)			136	250	47	M2	CLUTCH SHIFT		OPP	O1	
	E (86)			163	225	43	M2	CLUTCH SHIFT		OPP	O1	
	J (95)			178	225	43	M2	CLUTCH SHIFT		OPP	O1	
	O (125)			232	195	37	M2	CLUTCH SHIFT		OPP	O1	
	R (137)			254	180	34	M2	CLUTCH SHIFT		OPP	O1	
	S (150)			279	162	31	M2	CLUTCH SHIFT		OPP	O1	
T (165)			306	148	28	M2	CLUTCH SHIFT		OPP	O1		
4100	B (57)			101	420	80	M2			OPP	O1	
	C (70)			124	350	66	M2			OPP	O1	
	E (86)			153	285	54	M2			OPP	O1	
	J (105)			187	235	44	M2			OPP	O1	
4250	Output 1 C (96)			123	355	67	M2	(F25)		OPP	O1	
	Output 2 B (89)			114	380	72	M2	(F25)		OPP	O1	
	Output 1 E (112)			144	300	57	M2	(F25)		OPP	O1	
	Output 2 C (104)			133	325	62	M2	(F25)		OPP	O1	
	Output 1 J (132)			168	260	49	M2	(F25)		OPP	O1	
	Output 2 E (121)			154	280	53	M2	(F25)		OPP	O1	
	Output 1 O (168)			215	200	38	M2	(F25)		OPP	O1	
	Output 2 J (152)			195	220	42	M2	(F25)		OPP	O1	




CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)

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Eaton Fuller

FUL.52

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
6800		Forward (55)		98	150	28	M2			BOTH	O1	
		Reverse (52)		92	150	28	M2			BOTH	O1	
8000		Forward (40)		77	500	95	M2			BOTH	O1	
		Reverse (50)		91	500	95	M2			BOTH	O1	
8500		B (57)		70	500	95	M2			OPP	O1	
		C (70)		93	485	92	M2			OPP	O1	
		E (86)		111	400	76	M2			OPP	O1	
		J (105)		138	325	62	M2			OPP	O1	
		O (127)		160	270	51	M2			OPP	O1	
		R (137)		175	250	47	M2			OPP	O1	
		S (150)		192	225	43	M2			OPP	O1	
		T (165)		211	210	40	M2			OPP	O1	

CAUTION:

Eaton Transmission Division has established a **Maximum Torque Limit** for the transmission PTO driver gear. For all RT/RTO/RTL/O transmissions the torque limit is **350 ft-lbs (475 Nm) Maximum** unless the transmission has been upgraded to a roller type input shaft bearing.

The Eaton part number **4301417** when installed moves the torque rating for the PTO driver gear to **500 ft-lbs (678 Nm) of torque Maximum**. All torque limits listed in the BZ application book are intermediate ratings. If the transmission has not been upgraded as described above

DO NOT exceed 350 ft-lbs of torque for any application.

FOOT NOTES:

F25: Do not exceed maximum torque and power shown in Output 2 when both outputs are working simultaneously.

F6: Direct mount pumps will not clear bulge on transmission case. Must use geared adapter. Use of adapter changes PTO output rotation.

For complete part numbers, consult the PTO Series section (page 25)



Eaton Fuller

Eaton Fuller

RTO-1110
RTO-11610
RTO-11615
RTO-11715





RTO-12510
RTO-12515
RTO-12610
RTO-14610

RTO-14615
RTO-14715
RTO-14915
RTO-15615

RTO-15715
RTO-16715
RTO-16915
RTX-14715

RTX-15715

FUL.53





	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000	B (55)			100	250	47	INCL	(F6,7)		OPP	01	
	C (73)			133	250	47	INCL	(F6,7)		OPP	01	
	E (86)			158	225	43	INCL	(F6,7)		OPP	01	
	J (95)			173	225	43	INCL	(F6,7)		OPP	01	
	O (125)			227	195	37	INCL	(F6,7)		OPP	01	
	R (137)			249	180	34	INCL	(F6,7)		OPP	01	
	S (150)			272	162	31	INCL	(F6,7)		OPP	01	
	T (165)			300	148	28	INCL	(F6,7)		OPP	01	
3200	Z (40)			73	250	47	INCL	(F6,7)		OPP	01	
	A (50)			91	250	47	INCL	(F6,7)		OPP	01	
	B (55)			100	250	47	INCL	(F6,7)		OPP	01	
	C (73)			133	250	47	INCL	(F6,7)		OPP	01	
	E (86)			159	225	43	INCL	(F6,7)		OPP	01	
	J (95)			174	225	43	INCL	(F6,7)		OPP	01	
	O (125)			227	195	37	INCL	(F6,7)		OPP	01	
	R (137)			249	180	34	INCL	(F6,7)		OPP	01	
	S (150)			272	162	31	INCL	(F6,7)		OPP	01	
T (165)			299	148	28	INCL	(F6,7)		OPP	01		
6000	Forward (73)			133	150	28	INCL	(F7)		BOTH	01	
	Reverse (83)			151	150	28	INCL	(F7)		BOTH	01	

For complete part numbers, consult the PTO Series section (page 25)

Eaton Fuller

Eaton Fuller

FUL.53

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)		91	250	47	INCL	(F11)		OPP	O1	
		B (55)		104	250	47	INCL	(F11)		OPP	O1	
		C (73)		138	250	47	INCL	(F11)		OPP	O1	
		E (86)		165	225	43	INCL	(F11)		OPP	O1	
		J (95)		180	225	43	INCL	(F11)		OPP	O1	
		O (125)		237	180	34	INCL	(F11)		OPP	O1	
		R (137)		260	170	32	INCL	(F11)		OPP	O1	
		S (150)		285	155	29	INCL	(F11)		OPP	O1	
		T (165)		313	140	27	INCL	(F11)		OPP	O1	
3800		Z (40)		76	250	47	INCL	(F11) CLUTCH SHIFT		OPP	O1	
		A (50)		95	250	47	INCL	(F11) CLUTCH SHIFT		OPP	O1	
		B (55)		104	250	47	INCL	(F11) CLUTCH SHIFT		OPP	O1	
		C (73)		138	250	47	INCL	(F11) CLUTCH SHIFT		OPP	O1	
		E (86)		166	225	43	INCL	(F11) CLUTCH SHIFT		OPP	O1	
		J (95)		181	225	43	INCL	(F11) CLUTCH SHIFT		OPP	O1	
		O (125)		237	195	37	INCL	(F11) CLUTCH SHIFT		OPP	O1	
		R (137)		260	180	34	INCL	(F11) CLUTCH SHIFT		OPP	O1	
		S (150)		285	162	31	INCL	(F11) CLUTCH SHIFT		OPP	O1	
4100		T (165)		312	148	28	INCL	(F11) CLUTCH SHIFT		OPP	O1	
		B (57)		103	420	80	INCL	(F11)		OPP	O1	
		C (70)		127	350	66	INCL	(F11)		OPP	O1	
		E (86)		156	285	54	INCL	(F11)		OPP	O1	
4250		J (105)		191	235	44	INCL	(F11)		OPP	O1	
		Output 1 C (96)		125	355	67	INCL	(F11,25)		OPP	O1	
		Output 2 B (89)		116	380	72	INCL	(F11,25)		OPP	O1	
		Output 1 E (112)		147	300	57	INCL	(F11,25)		OPP	O1	
		Output 2 C (104)		135	325	62	INCL	(F11,25)		OPP	O1	
		Output 1 J (132)		172	260	49	INCL	(F11,25)		OPP	O1	
		Output 2 E (121)		158	280	53	INCL	(F11,25)		OPP	O1	
		Output 1 O (168)		220	200	38	INCL	(F11,25)		OPP	O1	
	Output 2 J (152)		199	220	42	INCL	(F11,25)		OPP	O1		

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)



Eaton Fuller

FUL.53

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
6800		Forward (55)		100	150	28	INCL	(F11)		BOTH	O1	
		Reverse (52)		94	150	28	INCL	(F11)		BOTH	O1	
8000		Forward (40)		78	500	95	INCL	(F11)		BOTH	O1	
		Reverse (50)		93	500	95	INCL	(F11)		BOTH	O1	
8500		B (57)		72	500	95	INCL	(F11)		OPP	O1	
		C (70)		95	485	92	INCL	(F11)		OPP	O1	
		E (86)		113	400	76	INCL	(F11)		OPP	O1	
		J (105)		141	325	62	INCL	(F11)		OPP	O1	
		O (127)		163	270	51	INCL	(F11)		OPP	O1	
		R (137)		179	250	47	INCL	(F11)		OPP	O1	
		S (150)		196	225	43	INCL	(F11)		OPP	O1	
		T (165)		215	210	40	INCL	(F11)		OPP	O1	

CAUTION:

Eaton Transmission Division has established a **Maximum Torque Limit** for the transmission PTO driver gear. For all RT/RTO/RTLO transmissions the torque limit is **350 ft-lbs (475 Nm) Maximum** unless the transmission has been upgraded to a roller type input shaft bearing.

The Eaton part number **4301417** when installed moves the torque rating for the PTO driver gear to **500 ft-lbs (678 Nm) of torque Maximum**. All torque limits listed in the BZ application book are intermediate ratings. If the transmission has not been upgraded as described above

DO NOT exceed 350 ft-lbs of torque for any application.

FOOT NOTES:

F11: Trucks with setback front axles and direct mount pumps will have better clearance with "3" assembly arrangement. This will also provide better clearance of air tanks on International chassis.

F25: Do not exceed maximum torque and power shown in Output 2 when both outputs are working simultaneously.

F6: Direct mount pumps will not clear bulge on transmission case. Must use geared adapter. Use of adapter changes PTO output rotation.

F7: For vehicles with Spring Hanger interference, use adapter AD645-01. Not applicable for direct mount pumps. Use of adapter changes PTO output rotation.

For complete part numbers, consult the PTO Series section (page 25)



Eaton Fuller

Eaton Fuller

RTO-610




RTO-613




RTO-6610

RTO-6613

RTO-7613

FUL.54

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		74	250	47	INCL	(F19,20,21)		OPP	01	
		C (73)		98	250	47	INCL	(F19,20,21)		OPP	01	
		E (86)		117	225	43	INCL	(F19,20,21)		OPP	01	
		J (95)		128	225	43	INCL	(F19,20,21)		OPP	01	
		O (125)		168	195	37	INCL	(F19,20,21)		OPP	01	
		R (137)		185	180	34	INCL	(F19,20,21)		OPP	01	
		S (150)		202	162	31	INCL	(F19,20,21)		OPP	01	
6000		T (165)		222	148	28	INCL	(F19,20,21)		OPP	01	
		Forward (73)		98	150	28	INCL	(F19,21)		BOTH	01	
		Reverse (83)		112	150	28	INCL	(F19,21)		BOTH	01	

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)		51	250	47	INCL	(F21)		OPP	01	
		B (55)		74	250	47	INCL	(F21)		OPP	01	
		C (73)		98	250	47	INCL	(F21)		OPP	01	
		E (86)		117	225	43	INCL	(F21)		OPP	01	
		J (95)		128	225	43	INCL	(F21)		OPP	01	
		O (125)		168	180	34	INCL	(F21)		OPP	01	
		R (137)		185	170	32	INCL	(F21)		OPP	01	
		S (150)		202	155	29	INCL	(F21)		OPP	01	
8500		T (165)		222	140	27	INCL	(F21)		OPP	01	
		B (57)		51	500	95	INCL			OPP	01	
		C (70)		68	485	92	INCL			OPP	01	
		E (86)		81	400	76	INCL			OPP	01	
		J (105)		100	325	62	INCL			OPP	01	
		O (127)		116	270	51	INCL			OPP	01	
		R (137)		127	250	47	INCL			OPP	01	
		S (150)		139	225	43	INCL			OPP	01	
	T (165)		153	210	40	INCL			OPP	01		

CAUTION:

Eaton Transmission Division has established a **Maximum Torque Limit** for the transmission PTO driver gear. For all RT/RTO/RTLO transmissions the torque limit is **350 ft-lbs (475 Nm) Maximum** unless the transmission has been upgraded to a roller type input shaft bearing. The Eaton part number **4301417** when installed moves the torque rating for the PTO driver gear to **500 ft-lbs (678 Nm) of torque Maximum**. All torque limits listed in the BZ application book are intermediate ratings. If the transmission has not been upgraded as described above

DO NOT exceed 350 ft-lbs of torque for any application.

FOOT NOTES:

- F19: Must use "Shaft-High" assembly arrangement to clear bulge on transmission.
- F20: Direct mount pumps will not clear bulge on transmission. Use of adapter will not work.
- F21: The maximum allowable output torque for PTO operation on this transmission is 300 lb/ft per EATON.

For complete part numbers, consult the PTO Series section (page 25)








Eaton Fuller

Eaton Fuller

AT-1202

FUL.55

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		70	250	47	INCL		GA6032	OPP	02	
		C (73)		93	250	47	INCL		GA6032	OPP	02	
		E (86)		111	225	43	INCL		GA6032	OPP	02	
		J (95)		121	225	43	INCL		GA6032	OPP	02	
		O (125)		159	195	37	INCL		GA6032	OPP	02	
		R (137)		174	180	34	INCL		GA6032	OPP	02	
		S (150)		191	162	31	INCL		GA6032	OPP	02	
		T (165)		210	148	28	INCL		GA6032	OPP	02	
3200		Z (40)		51	250	47	INCL		GA6032	OPP	02	
		A (50)		64	250	47	INCL		GA6032	OPP	02	
		B (55)		70	250	47	INCL		GA6032	OPP	02	
		C (73)		93	250	47	INCL		GA6032	OPP	02	
		E (86)		111	225	43	INCL		GA6032	OPP	02	
		J (95)		122	225	43	INCL		GA6032	OPP	02	
		O (125)		159	195	37	INCL		GA6032	OPP	02	
		R (137)		174	180	34	INCL		GA6032	OPP	02	
		S (150)		191	162	31	INCL		GA6032	OPP	02	
	T (165)		210	148	28	INCL		GA6032	OPP	02		

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)			250	47	INCL			OPP	02	
		B (55)		70	250	47	INCL			OPP	02	
		C (73)		93	250	47	INCL			OPP	02	
		E (86)		111	225	43	INCL			OPP	02	
		J (95)		121	225	43	INCL			OPP	02	
		O (125)		159	180	34	INCL			OPP	02	
		R (137)		174	170	32	INCL			OPP	02	
		S (150)		191	155	29	INCL			OPP	02	
		T (165)		210	140	27	INCL			OPP	02	

For complete part numbers, consult the PTO Series section (page 25)

Eaton Fuller

Eaton Fuller





RTO-11609P/R
RTO-12609P/R



RTO-13609P/R
RTO-14609P/R

RTX-11609P/R
RTX-12609P/R

RTX-13609P/R
RTX-14609P/R

FUL.56

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		105	250	47	INCL	(F6,7)		OPP	01	
		C (73)		140	250	47	INCL	(F6,7)		OPP	01	
		E (86)		166	225	43	INCL	(F6,7)		OPP	01	
		J (95)		182	225	43	INCL	(F6,7)		OPP	01	
		O (125)		239	195	37	INCL	(F6,7)		OPP	01	
		R (137)		262	180	34	INCL	(F6,7)		OPP	01	
		S (150)		287	162	31	INCL	(F6,7)		OPP	01	
		T (165)		316	148	28	INCL	(F6,7)		OPP	01	
3200		Z (40)		77	250	47	INCL	(F6,7)		OPP	01	
		A (50)		96	250	47	INCL	(F6,7)		OPP	01	
		B (55)		105	250	47	INCL	(F6,7)		OPP	01	
		C (73)		140	250	47	INCL	(F6,7)		OPP	01	
		E (86)		167	225	43	INCL	(F6,7)		OPP	01	
		J (95)		183	225	43	INCL	(F6,7)		OPP	01	
		O (125)		239	195	37	INCL	(F6,7)		OPP	01	
		R (137)		262	180	34	INCL	(F6,7)		OPP	01	
6000		Forward (73)		140	150	28	INCL	(F7)		BOTH	01	
		Reverse (83)		159	150	28	INCL	(F7)		BOTH	01	

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)		96	250	47	INCL	(F11)		OPP	01	
		B (55)		110	250	47	INCL	(F11)		OPP	01	
		C (73)		146	250	47	INCL	(F11)		OPP	01	
		E (86)		174	225	43	INCL	(F11)		OPP	01	
		J (95)		190	225	43	INCL	(F11)		OPP	01	
		O (125)		250	180	34	INCL	(F11)		OPP	01	
		R (137)		274	170	32	INCL	(F11)		OPP	01	
		S (150)		300	155	29	INCL	(F11)		OPP	01	
		T (165)		330	140	27	INCL	(F11)		OPP	01	

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)



Eaton Fuller






RTO-11609P/R
RTO-12609P/R

RTO-13609P/R
RTO-14609P/R

RTX-11609P/R
RTX-12609P/R

RTX-13609P/R
RTX-14609P/R

FUL.56

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
4100		B (57)		109	420	80	INCL	(F11)		OPP	01	
		C (70)		134	350	66	INCL	(F11)		OPP	01	
		E (86)		164	285	54	INCL	(F11)		OPP	01	
		J (105)		201	235	44	INCL	(F11)		OPP	01	
4250		Output 1 C (96)		132	355	67	INCL	(F11,25)		OPP	01	
		Output 2 B (89)		123	380	72	INCL	(F11,25)		OPP	01	
		Output 1 E (112)		154	300	57	INCL	(F11,25)		OPP	01	
		Output 2 C (104)		143	325	62	INCL	(F11,25)		OPP	01	
		Output 1 J (132)		181	260	49	INCL	(F11,25)		OPP	01	
		Output 2 E (121)		166	280	53	INCL	(F11,25)		OPP	01	
		Output 1 O (168)		231	200	38	INCL	(F11,25)		OPP	01	
		Output 2 J (152)		209	220	42	INCL	(F11,25)		OPP	01	
6800		Forward (55)		105	150	28	INCL	(F11)		BOTH	01	
		Reverse (52)		99	150	28	INCL	(F11)		BOTH	01	
8000		Forward (40)		82	500	95	INCL	(F11)		BOTH	01	
		Reverse (50)		98	500	95	INCL	(F11)		BOTH	01	
8500		B (57)		76	500	95	INCL	(F11)		OPP	01	
		C (70)		100	485	92	INCL	(F11)		OPP	01	
		E (86)		119	400	76	INCL	(F11)		OPP	01	
		J (105)		148	325	62	INCL	(F11)		OPP	01	
		O (127)		172	270	51	INCL	(F11)		OPP	01	
		R (137)		188	250	47	INCL	(F11)		OPP	01	
		S (150)		206	225	43	INCL	(F11)		OPP	01	
		T (165)		227	210	40	INCL	(F11)		OPP	01	

CAUTION:

Eaton Transmission Division has established a **Maximum Torque Limit** for the transmission PTO driver gear. For all RT/RTO/RTLO transmissions the torque limit is **350 ft-lbs (475 Nm) Maximum** unless the transmission has been upgraded to a roller type input shaft bearing.

The Eaton part number **4301417** when installed moves the torque rating for the PTO driver gear to **500 ft-lbs (678 Nm) of torque Maximum**. All torque limits listed in the BZ application book are intermediate ratings. If the transmission has not been upgraded as described above

DO NOT exceed 350 ft-lbs of torque for any application.

FOOT NOTES:

- F11: Trucks with setback front axles and direct mount pumps will have better clearance with "3" assembly arrangement. This will also provide better clearance of air tanks on International chassis.
- F25: Do not exceed maximum torque and power shown in Output 2 when both outputs are working simultaneously.
- F6: Direct mount pumps will not clear bulge on transmission case. Must use geared adapter. Use of adapter changes PTO output rotation.
- F7: For vehicles with Spring Hanger interference, use adapter AD645-01. Not applicable for direct mount pumps. Use of adapter changes PTO output rotation.

////////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //



Eaton Fuller

Eaton Fuller




FO-14E308LL-VCS
FO-16E308LL-VCS

RTO-10910B-DM2/DM3
RTO-12910B-DM2/DM3

RTO-14910B-DM2/DM3
RTO-16910B-DM2/DM3

RTOM-16910B-DM3

FUL.57

6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000	B (55)			106	250	47	INCL	(F6,7,8,9)		OPP	01	
	C (73)			141	250	47	INCL	(F6,7,8,9)		OPP	01	
	E (86)			168	225	43	INCL	(F6,7,8,9)		OPP	01	
	J (95)			183	225	43	INCL	(F6,7,8,9)		OPP	01	
	O (125)			241	195	37	INCL	(F6,7,8,9)		OPP	01	
	R (137)			265	180	34	INCL	(F6,7,8,9)		OPP	01	
	S (150)			290	162	31	INCL	(F6,7,8,9)		OPP	01	
	T (165)			319	148	28	INCL	(F6,7,8,9)		OPP	01	
3200	Z (40)			77	250	47	INCL	(F6,7,8,9)		OPP	01	
	A (50)			97	250	47	INCL	(F6,7,8,9)		OPP	01	
	B (55)			106	250	47	INCL	(F6,7,8,9)		OPP	01	
	C (73)			141	250	47	INCL	(F6,7,8,9)		OPP	01	
	E (86)			169	225	43	INCL	(F6,7,8,9)		OPP	01	
	J (95)			185	225	43	INCL	(F6,7,8,9)		OPP	01	
	O (125)			241	195	37	INCL	(F6,7,8,9)		OPP	01	
	R (137)			264	180	34	INCL	(F6,7,8,9)		OPP	01	
	S (150)			290	162	31	INCL	(F6,7,8,9)		OPP	01	
T (165)			318	148	28	INCL	(F6,7,8,9)		OPP	01		
6000	Forward (73)			141	150	28	INCL	(F6,7,8,9)		BOTH	01	
	Reverse (83)			160	150	28	INCL	(F6,7,8,9)		BOTH	01	

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For complete part numbers, consult the PTO Series section (page 25)



Eaton Fuller







FO-14E308LL-VCS
FO-16E308LL-VCS

RTO-10910B-DM2/DM3
RTO-12910B-DM2/DM3

RTO-14910B-DM2/DM3
RTO-16910B-DM2/DM3

RTOM-16910B-DM3

FUL.57

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000	A (50)				250	47	INCL	(F8,9,10,11)		OPP	01	
	B (55)			111	250	47	INCL	(F8,9,10,11)		OPP	01	
	C (73)			147	250	47	INCL	(F8,9,10,11)		OPP	01	
	E (86)			175	225	43	INCL	(F8,9,10,11)		OPP	01	
	J (95)			192	225	43	INCL	(F8,9,10,11)		OPP	01	
	O (125)			252	180	34	INCL	(F8,9,10,11)		OPP	01	
	R (137)			276	170	32	INCL	(F8,9,10,11)		OPP	01	
	S (150)			303	155	29	INCL	(F8,9,10,11)		OPP	01	
	T (165)			333	140	27	INCL	(F8,9,10,11)		OPP	01	
4100	B (57)			110	420	80	INCL	(F8,9,10,11)		OPP	01	
	C (70)			135	350	66	INCL	(F8,9,10,11)		OPP	01	
	E (86)			166	285	54	INCL	(F8,9,10,11)		OPP	01	
	J (105)			203	235	44	INCL	(F8,9,10,11)		OPP	01	
4250	Output 1 C (96)			133	355	67	INCL	(F8,9,10,11,25)		OPP	01	
	Output 2 B (89)			124	380	72	INCL	(F8,9,10,11,25)		OPP	01	
	Output 1 E (112)			156	300	57	INCL	(F8,9,10,11,25)		OPP	01	
	Output 2 C (104)			144	325	62	INCL	(F8,9,10,11,25)		OPP	01	
	Output 1 J (132)			183	260	49	INCL	(F8,9,10,11,25)		OPP	01	
	Output 2 E (121)			168	280	53	INCL	(F8,9,10,11,25)		OPP	01	
	Output 1 O (168)			234	200	38	INCL	(F8,9,10,11,25)		OPP	01	
	Output 2 J (152)			211	220	42	INCL	(F8,9,10,11,25)		OPP	01	
6800	Forward (55)			106	150	28	INCL	(F8,9,10,11)		BOTH	01	
	Reverse (52)			100	150	28	INCL	(F8,9,10,11)		BOTH	01	
8000	Forward (40)			83	500	95	INCL	(F8,9,10,11)		BOTH	01	
	Reverse (50)			99	500	95	INCL	(F8,9,10,11)		BOTH	01	

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)

Eaton Fuller

Eaton Fuller


FO-14E308LL-VCS
FO-16E308LL-VCS

RTO-10910B-DM2/DM3
RTO-12910B-DM2/DM3

RTO-14910B-DM2/DM3
RTO-16910B-DM2/DM3

RTOM-16910B-DM3

FUL.57

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
8500		B (57)		76	500	95	INCL	(F8,9,10,11)		OPP	01	
		C (70)		101	485	92	INCL	(F8,9,10,11)		OPP	01	
		E (86)		121	400	76	INCL	(F8,9,10,11)		OPP	01	
		J (105)		150	325	62	INCL	(F8,9,10,11)		OPP	01	
		O (127)		173	270	51	INCL	(F8,9,10,11)		OPP	01	
		R (137)		190	250	47	INCL	(F8,9,10,11)		OPP	01	
		S (150)		208	225	43	INCL	(F8,9,10,11)		OPP	01	
		T (165)		229	210	40	INCL	(F8,9,10,11)		OPP	01	
	T (165)		333	140	27	INCL	(F8,9,10,11)		OPP	01		

CAUTION:

Eaton Transmission Division has established a **Maximum Torque Limit** for the transmission PTO driver gear. For all RT/RTO/RTLO transmissions the torque limit is **350 ft-lbs (475 Nm) Maximum** unless the transmission has been upgraded to a roller type input shaft bearing.

The Eaton part number **4301417** when installed moves the torque rating for the PTO driver gear to **500 ft-lbs (678 Nm) of torque Maximum**. All torque limits listed in the BZ application book are intermediate ratings. If the transmission has not been upgraded as described above

DO NOT exceed 350 ft-lbs of torque for any application.

FOOT NOTES:

- F6: Direct mount pumps will not clear bulge on transmission case. Must use geared adapter. Use of adapter changes PTO output rotation.
- F7: For vehicles with Spring Hanger interference, use adapter AD645-01. Not applicable for direct mount pumps. Use of adapter changes PTO output rotation.
- F8: PTO must be wired through the transmission controller per Eaton instructions.
- F9: Engine Speed must be advanced to 1000 RPM for PTO operation. PTO will not activate below this speed.
- F10: Eaton Inertia Brake is mounted to the 8-bolt opening. It can be moved to the right side 6-bolt opening, using adapter AD645-01. This limits mounting of PTO to one opening or the other.
- F11: Trucks with setback front axles and direct mount pumps will have better clearance with "3" assembly arrangement. This will also provide better clearance of air tanks on International chassis.
- F25: Do not exceed maximum torque and power shown in Output 2 when both outputs are working simultaneously.

////////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //



Eaton Fuller

Eaton Fuller

RTAO-10710B-AC/AS
 RTAO-12710B-AC/AS
 RTAO-14710B-AC/AS
 RTAO-16710B-AC/AS
 RTO-10710B-AS/AS2
 RTO-10910B-AS2/AS3
 RTO-11509
 RTO-11608LL
 RTO-11609A
 RTO-11708LL
 RTO-11710B
 RTO-11908LL
 RTO-12509

RTO-1258LL
 RTO-12609A
 RTO-12710B/B-AS2
 RTO-12910B-AS2/AS3
 RTO-13609A
 RTO-13710B
 RTO-14608LL
 RTO-14609A
 RTO-14708LL
 RTO-14709A
 RTO-14710B/B-AS2
 RTO-14908LL
 RTO-14910B/B-AS2/

B-AS3
 RTO-15708LL
 RTO-15710B
 RTO-16710B/B-AS2
 RTO-16908LL
 RTO-16910B/B-AS/B-AS2/B-AS3
 RTO-18910B-AS2/AS3
 RTO-909A
 RTO-9509A
 RTO-958LL
 RTOF-909A
 RTOF-9509A

RTOX-11609A
 RTX-11609A
 RTX-11708LL
 RTX-11710B
 RTX-12710B
 RTX-13710B
 RTX-14609A
 RTX-14708LL
 RTX-14710B
 RTX-15710B
 RTX-16710B
 TO-955LL

FUL.58

6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		106	250	47	INCL	(F6,7)		OPP	01	
		C (73)		141	250	47	INCL	(F6,7)		OPP	01	
		E (86)		168	225	43	INCL	(F6,7)		OPP	01	
		J (95)		183	225	43	INCL	(F6,7)		OPP	01	
		O (125)		241	195	37	INCL	(F6,7)		OPP	01	
		R (137)		265	180	34	INCL	(F6,7)		OPP	01	
		S (150)		290	162	31	INCL	(F6,7)		OPP	01	
		T (165)		319	148	28	INCL	(F6,7)		OPP	01	
3200		Z (40)		77	250	47	INCL	(F6,7)		OPP	01	
		A (50)		97	250	47	INCL	(F6,7)		OPP	01	
		B (55)		106	250	47	INCL	(F6,7)		OPP	01	
		C (73)		141	250	47	INCL	(F6,7)		OPP	01	
		E (86)		169	225	43	INCL	(F6,7)		OPP	01	
		J (95)		185	225	43	INCL	(F6,7)		OPP	01	
		O (125)		241	195	37	INCL	(F6,7)		OPP	01	
		R (137)		264	180	34	INCL	(F6,7)		OPP	01	
6000		Forward (73)		141	150	28	INCL	(F7)		BOTH	01	
		Reverse (83)		160	150	28	INCL	(F7)		BOTH	01	






8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)		96	250	47	INCL	(F11)		OPP	01	
		B (55)		111	250	47	INCL	(F11)		OPP	01	
		C (73)		147	250	47	INCL	(F11)		OPP	01	
		E (86)		175	225	43	INCL	(F11)		OPP	01	
		J (95)		192	225	43	INCL	(F11)		OPP	01	
		O (125)		252	180	34	INCL	(F11)		OPP	01	
		R (137)		276	170	32	INCL	(F11)		OPP	01	
		S (150)		303	155	29	INCL	(F11)		OPP	01	
	T (165)		333	140	27	INCL	(F11)		OPP	01		

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)

Eaton Fuller

FUL.58

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
4100		B (57)		110	420	80	INCL	(F11)		OPP	01	
		C (70)		135	350	66	INCL	(F11)		OPP	01	
		E (86)		166	285	54	INCL	(F11)		OPP	01	
		J (105)		203	235	44	INCL	(F11)		OPP	01	
4250		Output 1 C (96)		133	355	67	INCL	(F11,25)		OPP	01	
		Output 2 B (89)		124	380	72	INCL	(F11,25)		OPP	01	
		Output 1 E (112)		156	300	57	INCL	(F11,25)		OPP	01	
		Output 2 C (104)		144	325	62	INCL	(F11,25)		OPP	01	
		Output 1 J (132)		183	260	49	INCL	(F11,25)		OPP	01	
		Output 2 E (121)		168	280	53	INCL	(F11,25)		OPP	01	
		Output 1 O (168)		234	200	38	INCL	(F11,25)		OPP	01	
		Output 2 J (152)		211	220	42	INCL	(F11,25)		OPP	01	
6800		Forward (55)		106	150	28	INCL	(F11)		BOTH	01	
		Reverse (52)		100	150	28	INCL	(F11)		BOTH	01	
8000		Forward (40)		83	500	95	INCL	(F11)		BOTH	01	
		Reverse (50)		99	500	95	INCL	(F11)		BOTH	01	
8500		B (57)		76	500	95	INCL	(F11)		OPP	01	
		C (70)		101	485	92	INCL	(F11)		OPP	01	
		E (86)		121	400	76	INCL	(F11)		OPP	01	
		J (105)		150	325	62	INCL	(F11)		OPP	01	
		O (127)		173	270	51	INCL	(F11)		OPP	01	
		R (137)		190	250	47	INCL	(F11)		OPP	01	
		S (150)		208	225	43	INCL	(F11)		OPP	01	
		T (165)		229	210	40	INCL	(F11)		OPP	01	

CAUTION:

Eaton Transmission Division has established a **Maximum Torque Limit** for the transmission PTO driver gear. For all RT/RTO/RTLO transmissions the torque limit is **350 ft-lbs (475 Nm) Maximum** unless the transmission has been upgraded to a roller type input shaft bearing. The Eaton part number **4301417** when installed moves the torque rating for the PTO driver gear to **500 ft-lbs (678 Nm) of torque Maximum**. All torque limits listed in the BZ application book are intermediate ratings. If the transmission has not been upgraded as described above

DO NOT exceed 350 ft-lbs of torque for any application.

FOOT NOTES:

- F11:** Trucks with setback front axles and direct mount pumps will have better clearance with "3" assembly arrangement. This will also provide better clearance of air tanks on International chassis.
- F25:** Do not exceed maximum torque and power shown in Output 2 when both outputs are working simultaneously.
- F6:** Direct mount pumps will not clear bulge on transmission case. Must use geared adapter. Use of adapter changes PTO output rotation.
- F7:** For vehicles with Spring Hanger interference, use adapter AD645-01. Not applicable for direct mount pumps. Use of adapter changes PTO output rotation.

For complete part numbers, consult the PTO Series section (page 25)







Eaton Fuller



RTO-11109A-AT
RTO-12109A-AT

RTO-13109A-AT
RTO-14109A-AT

RTO-16109A-AT
RTO-9109A-AT

FUL.59

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		106	250	47	INCL	(F6,17)		OPP	01	
		C (73)		141	250	47	INCL	(F6,17)		OPP	01	
		E (86)		168	225	43	INCL	(F6,17)		OPP	01	
		J (95)		183	225	43	INCL	(F6,17)		OPP	01	
		O (125)		241	195	37	INCL	(F6,17)		OPP	01	
		R (137)		265	180	34	INCL	(F6,17)		OPP	01	
		S (150)		290	162	31	INCL	(F6,17)		OPP	01	
		T (165)		319	148	28	INCL	(F6,17)		OPP	01	
3200		Z (40)		77	250	47	INCL	(F6,17)		OPP	01	
		A (50)		97	250	47	INCL	(F6,17)		OPP	01	
		B (55)		106	250	47	INCL	(F6,17)		OPP	01	
		C (73)		141	250	47	INCL	(F6,17)		OPP	01	
		E (86)		169	225	43	INCL	(F6,17)		OPP	01	
		J (95)		185	225	43	INCL	(F6,17)		OPP	01	
		O (125)		241	195	37	INCL	(F6,17)		OPP	01	
		R (137)		264	180	34	INCL	(F6,17)		OPP	01	
6000		Forward (73)		141	150	28	INCL	(F17)		BOTH	01	
		Reverse (83)		160	150	28	INCL	(F17)		BOTH	01	

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)		95	250	47	INCL	(F17,18)		OPP	01	
		B (55)		111	250	47	INCL	(F17,18)		OPP	01	
		C (73)		147	250	47	INCL	(F17,18)		OPP	01	
		E (86)		175	225	43	INCL	(F17,18)		OPP	01	
		J (95)		192	225	43	INCL	(F17,18)		OPP	01	
		O (125)		252	180	34	INCL	(F17,18)		OPP	01	
		R (137)		276	170	32	INCL	(F17,18)		OPP	01	
		S (150)		303	155	29	INCL	(F17,18)		OPP	01	
		T (165)		333	140	27	INCL	(F17,18)		OPP	01	

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)

Eaton Fuller






Eaton Fuller

RTO-11109A-AT
RTO-12109A-AT

RTO-13109A-AT
RTO-14109A-AT

RTO-16109A-AT
RTO-9109A-AT

FUL.59

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
4100		B (57)		110	420	80	INCL	(F17,18)		OPP	01	
		C (70)		135	350	66	INCL	(F17,18)		OPP	01	
		E (86)		166	285	54	INCL	(F17,18)		OPP	01	
		J (105)		203	235	44	INCL	(F17,18)		OPP	01	
4250		Output 1 C (96)		133	355	67	INCL	(F17,18,25)		OPP	01	
		Output 2 B (89)		124	380	72	INCL	(F17,18,25)		OPP	01	
		Output 1 E (112)		156	300	57	INCL	(F17,18,25)		OPP	01	
		Output 2 C (104)		144	325	62	INCL	(F17,18,25)		OPP	01	
		Output 1 J (132)		183	260	49	INCL	(F17,18,25)		OPP	01	
		Output 2 E (121)		168	280	53	INCL	(F17,18,25)		OPP	01	
		Output 1 O (168)		234	200	38	INCL	(F17,18,25)		OPP	01	
		Output 2 J (152)		211	220	42	INCL	(F17,18,25)		OPP	01	
6800		Forward (55)		106	150	28	INCL	(F17,18)		BOTH	01	
		Reverse (52)		100	150	28	INCL	(F17,18)		BOTH	01	
8000		Forward (40)		83	500	95	INCL	(F17,18)		BOTH	01	
		Reverse (50)		99	500	95	INCL	(F17,18)		BOTH	01	
8500		B (57)		76	500	95	INCL	(F17,18)		OPP	01	
		C (70)		101	485	92	INCL	(F17,18)		OPP	01	
		E (86)		121	400	76	INCL	(F17,18)		OPP	01	
		J (105)		150	325	62	INCL	(F17,18)		OPP	01	
		O (127)		173	270	51	INCL	(F17,18)		OPP	01	
		R (137)		190	250	47	INCL	(F17,18)		OPP	01	
		S (150)		208	225	43	INCL	(F17,18)		OPP	01	
		T (165)		229	210	40	INCL	(F17,18)		OPP	01	

CAUTION:

Eaton Transmission Division has established a **Maximum Torque Limit** for the transmission PTO driver gear. For all RT/RTO/RTLO transmissions the torque limit is **350 ft-lbs (475 Nm) Maximum** unless the transmission has been upgraded to a roller type input shaft bearing.

The Eaton part number **4301417** when installed moves the torque rating for the PTO driver gear to **500 ft-lbs (678 Nm) of torque Maximum**. All torque limits listed in the BZ application book are intermediate ratings. If the transmission has not been upgraded as described above

DO NOT exceed 350 ft-lbs of torque for any application.

For complete part numbers, consult the PTO Series section (page 25)

FOOT NOTES:

F17: Speeds shown are with transmission torque converter in lock up condition.

F18: This opening is not usable if transmission is equipped with optional low profile oil pan.

F25: Do not exceed maximum torque and power shown in Output 2 when both outputs are working simultaneously.

F6: Direct mount pumps will not clear bulge on transmission case. Must use geared adapter. Use of adapter changes PTO output rotation.







Eaton Fuller

FO-6406A-ASX/AW3

FO-8406A-ASX/AW3

FUL.61

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		74	250	47	S7	(F3)	GA6032/6500S	OPP	28	
		C (73)		98	250	47	S7	(F3)	GA6032/6500S	OPP	28	
		E (86)		117	225	43	S7	(F3)	GA6032/6500S	OPP	28	
		J (95)		127	225	43	S7	(F3)	GA6032/6500S	OPP	28	
		O (125)		168	195	37	S7	(F3)	GA6032/6500S	OPP	28	
		R (137)		184	180	34	S7	(F3)	GA6032/6500S	OPP	28	
		S (150)		201	162	31	S7	(F3)	GA6032/6500S	OPP	28	
		T (165)		221	148	28	S7	(F3)	GA6032/6500S	OPP	28	
3200		Z (40)		54	250	47	S7	(F3)	GA6032/6500S	OPP	28	
		A (50)		67	250	47	S7	(F3)	GA6032/6500S	OPP	28	
		B (55)		74	250	47	S7	(F3)	GA6032/6500S	OPP	28	
		C (73)		98	250	47	S7	(F3)	GA6032/6500S	OPP	28	
		E (86)		117	225	43	S7	(F3)	GA6032/6500S	OPP	28	
		J (95)		128	225	43	S7	(F3)	GA6032/6500S	OPP	28	
		O (125)		168	195	37	S7	(F3)	GA6032/6500S	OPP	28	
		R (137)		183	180	34	S7	(F3)	GA6032/6500S	OPP	28	
		S (150)		201	162	31	S7	(F3)	GA6032/6500S	OPP	28	
	T (165)		221	148	28	S7	(F3)	GA6032/6500S	OPP	28		
6000		Forward (73)		98	150	28	INCL	(F3)	GA6032/6500S	BOTH	28	
		Reverse (83)		111	150	28	INCL	(F3)	GA6032/6500S	BOTH	28	

FOOT NOTES:

F3: AW3 & DM3 Transmission Codes require PTO connection to TCM per Eaton. Engine Speeds above 1000 RPM are required for PTO operation on code DM3.

For complete part numbers, consult the PTO Series section (page 25)





Eaton Fuller

Eaton Fuller

FO-16D313E-LEP

FOM-16D313E-LEP

FUL.62

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		89	250	47	INCL	(F6,7,8,9)		OPP	01	
		C (73)		118	250	47	INCL	(F6,7,8,9)		OPP	01	
		E (86)		141	225	43	INCL	(F6,7,8,9)		OPP	01	
		J (95)		154	225	43	INCL	(F6,7,8,9)		OPP	01	
		O (125)		202	195	37	INCL	(F6,7,8,9)		OPP	01	
		R (137)		221	180	34	INCL	(F6,7,8,9)		OPP	01	
		S (150)		242	162	31	INCL	(F6,7,8,9)		OPP	01	
		T (165)		267	148	28	INCL	(F6,7,8,9)		OPP	01	
3200		Z (40)		65	250	47	INCL	(F6,7,8,9)		OPP	01	
		A (50)		81	250	47	INCL	(F6,7,8,9)		OPP	01	
		B (55)		89	250	47	INCL	(F6,7,8,9)		OPP	01	
		C (73)		118	250	47	INCL	(F6,7,8,9)		OPP	01	
		E (86)		141	225	43	INCL	(F6,7,8,9)		OPP	01	
		J (95)		155	225	43	INCL	(F6,7,8,9)		OPP	01	
		O (125)		202	195	37	INCL	(F6,7,8,9)		OPP	01	
		R (137)		221	180	34	INCL	(F6,7,8,9)		OPP	01	
6000		Forward (73)		118	150	28	INCL	(F8,9)		BOTH	01	
		Reverse (83)		134	150	28	INCL	(F8,9)		BOTH	01	

FOOT NOTES:

- F13:** Eaton Ultra Shift has an inertia brake attached to the bottom of this transmission. Using a 6 bolt adapter it can be moved to the right side opening of the transmission. Eaton Ultra Shift Plus has an inertia brake which allows the use of both bottom and right side PTO apertures.
- F6:** Direct mount pumps will not clear bulge on transmission case. Must use geared adapter. Use of adapter changes PTO output rotation.
- F7:** For vehicles with Spring Hanger interference, use adapter AD645-01. Not applicable for direct mount pumps. Use of adapter changes PTO output rotation.
- F8:** PTO must be wired through the transmission controller per Eaton instructions.
- F9:** Engine Speed must be advanced to 1000 RPM for PTO operation. PTO will not activate below this speed.

For complete part numbers, consult the PTO Series section (page 25)



Eaton Fuller

Eaton Fuller

ET-16109
ET-16110
ET-18109
ET-18110





ET-20109
ET-20110
ETS-16409
ETS-16410



ETS-18409
ETS-18410
ETS-20409
ETS-20410

FTS-16108LL
FTS-16109A
FTS-18108LL
FTS-18109A

FTS-20108LL
FTS-20109A
RTS-11909A

FUL.63

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		59	250	47	INCL	METRIC STUD KIT		OPP	72	
		C (73)		78	250	47	INCL	METRIC STUD KIT		OPP	72	
		E (86)		93	225	43	INCL	METRIC STUD KIT		OPP	72	
		J (95)		102	225	43	INCL	METRIC STUD KIT		OPP	72	
		O (125)		134	195	37	INCL	METRIC STUD KIT		OPP	72	
		R (137)			180	34	INCL	METRIC STUD KIT		OPP	72	
		S (150)			162	31	INCL	METRIC STUD KIT		OPP	72	
		T (165)			148	28	INCL	METRIC STUD KIT		OPP	72	
3200		Z (40)		43	250	47	INCL	METRIC STUD KIT CLUTCH SHIFT		OPP	72	
		A (50)		53	250	47	INCL	METRIC STUD KIT CLUTCH SHIFT		OPP	72	
		B (55)		59	250	47	INCL	METRIC STUD KIT CLUTCH SHIFT		OPP	72	
		C (73)		78	250	47	INCL	METRIC STUD KIT CLUTCH SHIFT		OPP	72	
		E (86)		93	225	43	INCL	METRIC STUD KIT CLUTCH SHIFT		OPP	72	
		J (95)		102	225	43	INCL	METRIC STUD KIT CLUTCH SHIFT		OPP	72	
		O (125)		134	195	37	INCL	METRIC STUD KIT CLUTCH SHIFT		OPP	72	
		R (137)			180	34	INCL	METRIC STUD KIT CLUTCH SHIFT		OPP	72	
		S (150)			162	31	INCL	METRIC STUD KIT CLUTCH SHIFT		OPP	72	
	T (165)			148	28	INCL	METRIC STUD KIT CLUTCH SHIFT		OPP	72		
6000		Forward (73)		78	150	28	INCL	METRIC STUD KIT		BOTH	72	
		Reverse (83)		89	150	28	INCL	METRIC STUD KIT		BOTH	72	

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1217203		E (86)		90	468	89	INCL	METRIC STUD KIT		OPP	72	

For complete part numbers, consult the PTO Series section (page 25)

Eaton Fuller

Eaton Fuller

ET-16113
ET-18113





ET-20113
ETS-16413



ETS-18413
ETS-20413

FTS-16112L
FTS-18112L

FTS-20112L
RTS-11912L

FUL.64

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		70	250	47	INCL	METRIC STUD KIT		OPP	72	
		C (73)		93	250	47	INCL	METRIC STUD KIT		OPP	72	
		E (86)		110	225	43	INCL	METRIC STUD KIT		OPP	72	
		J (95)		120	225	43	INCL	METRIC STUD KIT		OPP	72	
		O (125)		158	195	37	INCL	METRIC STUD KIT		OPP	72	
		R (137)			180	34	INCL	METRIC STUD KIT		OPP	72	
		S (150)			162	31	INCL	METRIC STUD KIT		OPP	72	
		T (165)			148	28	INCL	METRIC STUD KIT		OPP	72	
3200		Z (40)		51	250	47	INCL	METRIC STUD KIT CLUTCH SHIFT		OPP	72	
		A (50)		63	250	47	INCL	METRIC STUD KIT CLUTCH SHIFT		OPP	72	
		B (55)		70	250	47	INCL	METRIC STUD KIT CLUTCH SHIFT		OPP	72	
		C (73)		93	250	47	INCL	METRIC STUD KIT CLUTCH SHIFT		OPP	72	
		E (86)		110	225	43	INCL	METRIC STUD KIT CLUTCH SHIFT		OPP	72	
		J (95)		120	225	43	INCL	METRIC STUD KIT CLUTCH SHIFT		OPP	72	
		O (125)		158	195	37	INCL	METRIC STUD KIT CLUTCH SHIFT		OPP	72	
		R (137)			180	34	INCL	METRIC STUD KIT CLUTCH SHIFT		OPP	72	
		S (150)			162	31	INCL	METRIC STUD KIT CLUTCH SHIFT		OPP	72	
		T (165)			148	28	INCL	METRIC STUD KIT CLUTCH SHIFT		OPP	72	
6000		Forward -73		93	150	28	INCL	METRIC STUD KIT		BOTH	72	
		Reverse -83		105	150	28	INCL	METRIC STUD KIT		BOTH	72	

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1217303		E (86)		100	468	89	INCL	METRIC STUD KIT		OPP	72	

For complete part numbers, consult the PTO Series section (page 25)



Eaton Fuller




F-5406B-DM3

FO-5406B-DM3

FO-6406A-ASW

FO-8406A-ASW

FUL.65

6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		74	250	47	S7	(F3)	GA6032/6500S	OPP	28	
		C (73)		98	250	47	S7	(F3)	GA6032/6500S	OPP	28	
		E (86)		117	225	43	S7	(F3)	GA6032/6500S	OPP	28	
		J (95)		127	225	43	S7	(F3)	GA6032/6500S	OPP	28	
		O (125)		168	195	37	S7	(F3)	GA6032/6500S	OPP	28	
		R (137)		184	180	34	S7	(F3)	GA6032/6500S	OPP	28	
		S (150)		201	162	31	S7	(F3)	GA6032/6500S	OPP	28	
		T (165)		221	148	28	S7	(F3)	GA6032/6500S	OPP	28	
3200		Z (40)		54	250	47	S7	(F3) CLUTCH SHIFT	GA6032/6500S	OPP	28	
		A (50)		67	250	47	S7	(F3) CLUTCH SHIFT	GA6032/6500S	OPP	28	
		B (55)		74	250	47	S7	(F3) CLUTCH SHIFT	GA6032/6500S	OPP	28	
		C (73)		98	250	47	S7	(F3) CLUTCH SHIFT	GA6032/6500S	OPP	28	
		E (86)		117	225	43	S7	(F3) CLUTCH SHIFT	GA6032/6500S	OPP	28	
		J (95)		128	225	43	S7	(F3) CLUTCH SHIFT	GA6032/6500S	OPP	28	
		O (125)		168	195	37	S7	(F3) CLUTCH SHIFT	GA6032/6500S	OPP	28	
		R (137)		183	180	34	S7	(F3) CLUTCH SHIFT	GA6032/6500S	OPP	28	
		S (150)		201	162	31	S7	(F3) CLUTCH SHIFT	GA6032/6500S	OPP	28	
		T (165)		221	148	28	S7	(F3) CLUTCH SHIFT	GA6032/6500S	OPP	28	
6000		Forward (73)		98	150	28	INCL	(F3)	GA6032/6500S	BOTH	28	
		Reverse (83)		111	150	28	INCL	(F3)	GA6032/6500S	BOTH	28	

FOOT NOTES:

F3 - AW3 & DM3 Transmission Codes require PTO connection to TCM per Eaton. Engine Speeds above 1000 RPM are required for PTO operation on code DM3.

For complete part numbers, consult the PTO Series section (page 25)

Eaton Fuller

Eaton Fuller

EEO-14F112C




EEO-15F112C

EEO-16F112C

EEO-17F112C

EEO-18F112C

FUL.67

6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2010		A (50)		107	250	47	M2	(F29)		OPP	75	
		B (55)		117	250	47	M2	(F29)		OPP	75	
		C (73)		156	250	47	M2	(F29)		OPP	75	
		E (86)		185	225	43	M2	(F29)		OPP	75	
		J (95)			225	43	M2	(F29)		OPP	75	
		O (125)			180	34	M2	(F29)		OPP	75	
		R (137)			170	32	M2	(F29)		OPP	75	
		S (150)			155	29	M2	(F29)		OPP	75	
		T (165)			140	27	M2	(F29)		OPP	75	
3810		Z (40)		85	250	47	M2	(F29) CLUTCH SHIFT		OPP	75	
		A (50)		107	250	47	M2	(F29) CLUTCH SHIFT		OPP	75	
		B (55)		117	250	47	M2	(F29) CLUTCH SHIFT		OPP	75	
		C (73)		156	250	47	M2	(F29) CLUTCH SHIFT		OPP	75	
		E (86)		186	225	43	M2	(F29) CLUTCH SHIFT		OPP	75	
		J (95)			225	43	M2	(F29) CLUTCH SHIFT		OPP	75	
		O (125)			195	37	M2	(F29) CLUTCH SHIFT		OPP	75	
		R (137)			180	34	M2	(F29) CLUTCH SHIFT		OPP	75	
		S (150)			162	31	M2	(F29) CLUTCH SHIFT		OPP	75	
	T (165)			148	28	M2	(F29) CLUTCH SHIFT		OPP	75		
4110		B (57)		121	420	80	M2	(F29)		OPP	75	
		C (70)		149	350	66	M2	(F29)		OPP	75	
		E (86)		183	285	54	M2	(F29)		OPP	75	
		J (105)		224	235	44	M2	(F29)		OPP	75	

F29 - CAUTION:

Eaton Transmission Division has established a **Maximum Torque & Power Limit** on the Transmission PTO gear.

Do not exceed 382 lb-ft & 95 HP for any application.

The PTO prep package must be factory installed before installing the Power Take-Off.





Ensure the Endurant transmission TCM must have the J1939 circuit enabled for PTO applications.



For PACCAR applications order the wire harness, P/N # P92-5075-2000, Qty. of 1

The PTO indicator switch must be modified to connect to P92-5075-2000 on one leg and the other leg goes to ground.

For complete part numbers, consult the PTO Series section (page 25)



	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000	B (55)			43	250	49	INCL	(MK4)	AD530-1X	ENG	O1	
	C (73)			58	250	49	INCL	(MK4)	AD530-1X	ENG	O1	
	E (86)			69	225	44	INCL	(MK4)	AD530-1X	ENG	O1	
	J (95)			75	225	44	INCL	(MK4)	AD530-1X	ENG	O1	
	O (125)			99	200	39	INCL	(MK4)	AD530-1X	ENG	O1	
	R (137)			108	200	39	INCL	(MK4)	AD530-1X	ENG	O1	
	S (150)			118	190	37	INCL	(MK4)	AD530-1X	ENG	O1	
	T (165)			130	175	34	INCL	(MK4)	AD530-1X	ENG	O1	
3200	Z (40)			32	250	49	INCL	(MK4) CLUTCH SHIFT	AD530-1X	ENG	O1	
	A (50)			39	250	49	INCL	(MK4) CLUTCH SHIFT	AD530-1X	ENG	O1	
	B (55)			43	250	49	INCL	(MK4) CLUTCH SHIFT	AD530-1X	ENG	O1	
	C (73)			58	250	49	INCL	(MK4) CLUTCH SHIFT	AD530-1X	ENG	O1	
	E (86)			69	225	44	INCL	(MK4) CLUTCH SHIFT	AD530-1X	ENG	O1	
	J (95)			75	225	44	INCL	(MK4) CLUTCH SHIFT	AD530-1X	ENG	O1	
	O (125)			99	200	39	INCL	(MK4) CLUTCH SHIFT	AD530-1X	ENG	O1	
	R (137)			108	200	39	INCL	(MK4) CLUTCH SHIFT	AD530-1X	ENG	O1	
	S (150)			118	190	37	INCL	(MK4) CLUTCH SHIFT	AD530-1X	ENG	O1	
T (165)			130	175	34	INCL	(MK4) CLUTCH SHIFT	AD530-1X	ENG	O1		
6000	Forward (73)			58	150	30	INCL	(MK4)	AD530-1X	BOTH	O1	
	Reverse (-83)			65	150	30	INCL	(MK4)	AD530-1X	BOTH	O1	

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000	A (50)			39	250	49	INCL			OPP	O1	
	B (55)			43	250	49	INCL			OPP	O1	
	C (73)			58	250	49	INCL			OPP	O1	
	E (86)			69	225	44	INCL			OPP	O1	
	J (95)			75	225	44	INCL			OPP	O1	
	O (125)			99	200	39	INCL			OPP	O1	
	R (137)			108	200	39	INCL			OPP	O1	
	S (150)			118	190	37	INCL			OPP	O1	
	T (165)			130	175	34	INCL			OPP	O1	

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)

8 Bolts	PTO Series	Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
3800	Z (40)		32	250	49	INCL	(MK) CLUTCH SHIFT			OPP	O1	
	A (50)		39	250	49	INCL	(MK) CLUTCH SHIFT			OPP	O1	
	B (55)		43	250	49	INCL	(MK) CLUTCH SHIFT			OPP	O1	
	C (73)		58	250	49	INCL	(MK) CLUTCH SHIFT			OPP	O1	
	E (86)		69	225	44	INCL	(MK) CLUTCH SHIFT			OPP	O1	
	J (95)		75	225	44	INCL	(MK) CLUTCH SHIFT			OPP	O1	
	O (125)		99	200	39	INCL	(MK) CLUTCH SHIFT			OPP	O1	
	R (137)		108	200	39	INCL	(MK) CLUTCH SHIFT			OPP	O1	
	S (150)		118	190	37	INCL	(MK) CLUTCH SHIFT			OPP	O1	
T (165)		130	175	34	INCL	(MK) CLUTCH SHIFT			OPP	O1		
4100	B (57)		43	450	87	INCL	(MK2)			OPP	O1	
	C (70)		53	470	90	INCL	(MK2)			OPP	O1	
	E (86)		65	470	90	INCL	(MK2)			OPP	O1	
	J (105)		79	400	77	INCL	(MK2)			OPP	O1	
6800	Forward (55)		58	150	30	INCL				BOTH	O1	
	Reverse (-52)		65	150	30	INCL				BOTH	O1	
8000	Forward (40)		33	500	95	INCL				BOTH	O1	
	Reverse (50)		39	500	95	INCL				BOTH	O1	
8500	B (57)		30	500	95	INCL				OPP	O1	
	C (70)		40	500	95	INCL				OPP	O1	
	E (86)		47	480	90	INCL				OPP	O1	
	J (105)		59	450	86	INCL				OPP	O1	
	O (127)		68	400	76	INCL				OPP	O1	
	R (137)		74	360	68	INCL				OPP	O1	
	S (150)		81	320	62	INCL				OPP	O1	
T (165)		89	280	54	INCL				OPP	O1		

FOOT NOTES:

MK2: Possible internal transmission interference with 4000/4100 Series "J" & "O" ratios. Check before installing PTO.

MK4: PTO should be filled with oil before start-up due to location of PTO opening. Check transmission oil level after initial start-up run.

For complete part numbers, consult the PTO Series section (page 25)

1070 10760 TRDXL-107 TRDXL-1078 TRL-1076 TRL-10780 MCK.02
 1071 1078 TRDXL-1070 TRDXL-10780 TRL-10760 TRXL-1076
 1076 10780 TRDXL-1071 TRDXL-10781 TRL-1078

6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assembly (Rear View)
			Low	High								
1000	B (55)			43	250	49	INCL	(MK4 ,5 ,6 ,7)	AD530-1X	ENG	O1	
	C (73)			58	250	49	INCL	(MK4 ,5 ,6 ,7)	AD530-1X	ENG	O1	
	E (86)			69	225	44	INCL	(MK4 ,5 ,6 ,7)	AD530-1X	ENG	O1	
	J (95)			75	225	44	INCL	(MK4 ,5 ,6 ,7)	AD530-1X	ENG	O1	
	O (125)			99	200	39	INCL	(MK4 ,5 ,6 ,7)	AD530-1X	ENG	O1	
	R (137)			108	200	39	INCL	(MK4 ,5 ,6 ,7)	AD530-1X	ENG	O1	
	S (150)			118	190	37	INCL	(MK4 ,5 ,6 ,7)	AD530-1X	ENG	O1	
	T (165)			130	175	34	INCL	(MK4 ,5 ,6 ,7)	AD530-1X	ENG	O1	
3200	Z (40)			32	250	49	INCL	(MK4 ,5 ,6 ,7) CLUTCH SHIFT	AD530-1X	ENG	O1	
	A (50)			39	250	49	INCL	(MK4 ,5 ,6 ,7) CLUTCH SHIFT	AD530-1X	ENG	O1	
	B (55)			43	250	49	INCL	(MK4 ,5 ,6 ,7) CLUTCH SHIFT	AD530-1X	ENG	O1	
	C (73)			58	250	49	INCL	(MK4 ,5 ,6 ,7) CLUTCH SHIFT	AD530-1X	ENG	O1	
	E (86)			69	225	44	INCL	(MK4 ,5 ,6 ,7) CLUTCH SHIFT	AD530-1X	ENG	O1	
	J (95)			75	225	44	INCL	(MK4 ,5 ,6 ,7) CLUTCH SHIFT	AD530-1X	ENG	O1	
	O (125)			99	200	39	INCL	(MK4 ,5 ,6 ,7) CLUTCH SHIFT	AD530-1X	ENG	O1	
	R (137)			108	200	39	INCL	(MK4 ,5 ,6 ,7) CLUTCH SHIFT	AD530-1X	ENG	O1	
6000	Forward (73)			58	150	30	INCL	(MK4 ,5 ,6 ,7)	AD530-1X	BOTH	O1	
	Reverse (-83)			65	150	30	INCL	(MK4 ,5 ,6 ,7)	AD530-1X	BOTH	O1	

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000	A (50)			39	250	49	INCL	(MK5 ,6 ,7)		OPP	O1	
	B (55)			43	250	49	INCL	(MK5 ,6 ,7)		OPP	O1	
	C (73)			58	250	49	INCL	(MK5 ,6 ,7)		OPP	O1	
	E (86)			69	225	44	INCL	(MK5 ,6 ,7)		OPP	O1	
	J (95)			75	225	44	INCL	(MK5 ,6 ,7)		OPP	O1	
	O (125)			99	200	39	INCL	(MK5 ,6 ,7)		OPP	O1	
	R (137)			108	200	39	INCL	(MK5 ,6 ,7)		OPP	O1	
	S (150)			118	190	37	INCL	(MK5 ,6 ,7)		OPP	O1	
T (165)			130	175	34	INCL	(MK5 ,6 ,7)		OPP	O1		

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)



Mack

1070 10760 TRDXL-107 TRDXL-1078 TRL-1076 TRL-10780 **MCK.02**
 1071 1078 TRDXL-1070 TRDXL-10780 TRL-10760 TRXL-1076
 1076 10780 TRDXL-1071 TRDXL-10781 TRL-1078

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
3800		Z (40)		32	250	49	INCL	(MK5,6,7) CLUTCH SHIFT		OPP	O1	
		A (50)		39	250	49	INCL	(MK5,6,7) CLUTCH SHIFT		OPP	O1	
		B (55)		43	250	49	INCL	(MK5,6,7) CLUTCH SHIFT		OPP	O1	
		C (73)		58	250	49	INCL	(MK5,6,7) CLUTCH SHIFT		OPP	O1	
		E (86)		69	225	44	INCL	(MK5,6,7) CLUTCH SHIFT		OPP	O1	
		J (95)		75	225	44	INCL	(MK5,6,7) CLUTCH SHIFT		OPP	O1	
		O (125)		99	200	39	INCL	(MK5,6,7) CLUTCH SHIFT		OPP	O1	
		R (137)		108	200	39	INCL	(MK5,6,7) CLUTCH SHIFT		OPP	O1	
		S (150)		118	190	37	INCL	(MK5,6,7) CLUTCH SHIFT		OPP	O1	
		T (165)		130	175	34	INCL	(MK5,6,7) CLUTCH SHIFT		OPP	O1	
4100		B (57)		43	450	87	INCL	(MK2,5,6,7)		OPP	O1	
		C (70)		53	470	90	INCL	(MK2,5,6,7)		OPP	O1	
		E (86)		65	470	90	INCL	(MK2,5,6,7)		OPP	O1	
		J (105)		79	400	77	INCL	(MK2,5,6,7)		OPP	O1	
6800		Forward (55)		58	150	30	INCL	(MK5,6,7)		BOTH	O1	
		Reverse (-52)		65	150	30	INCL	(MK5,6,7)		BOTH	O1	
8000		Forward (40)		33	500	95	INCL	(MK5,6,7)		BOTH	O1	
		Reverse (50)		39	500	95	INCL	(MK5,6,7)		BOTH	O1	
8500		B (57)		30	500	95	INCL	(MK5,6,7)		OPP	O1	
		C (70)		40	500	95	INCL	(MK5,6,7)		OPP	O1	
		E (86)		47	480	90	INCL	(MK5,6,7)		OPP	O1	
		J (105)		59	450	86	INCL	(MK5,6,7)		OPP	O1	
		O (127)		68	400	76	INCL	(MK5,6,7)		OPP	O1	
		R (137)		74	360	68	INCL	(MK5,6,7)		OPP	O1	
		S (150)		81	320	62	INCL	(MK5,6,7)		OPP	O1	
		T (165)		89	280	54	INCL	(MK5,6,7)		OPP	O1	

FOOT NOTES:

- MK2:** Possible internal transmission interference with 4000/4100 Series "J" & "O" ratios. Check before installing PTO.
- MK4:** PTO should be filled with oil before start-up due to location of PTO opening. Check transmission oil level after initial start-up run.

- MK5:** In low splitter range, multiply PTO output speeds by .569.
- MK6:** With splitter in overdrive range, multiply PTO output speeds by 1.62.
- MK7:** In low-low splitter range, multiply PTO output speeds by .35. In overdrive range, multiply by 1.62.




////////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //



T-105A

T-1060A



MCK.04




6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		48	250	49	M1			OPP	55	
		C (73)		64	250	49	M1			OPP	55	
		E (86)		77	225	44	M1			OPP	55	
		J (95)		84	225	44	M1			OPP	55	
		O (125)		110	200	39	M1			OPP	55	
		R (137)		121	200	39	M1			OPP	55	
		S (150)		132	190	37	M1			OPP	55	
		T (165)		145	175	34	M1			OPP	55	
3200		Z (40)		35	250	49	M1	(MK) CLUTCH SHIFT		OPP	55	
		A (50)		44	250	49	M1	(MK) CLUTCH SHIFT		OPP	55	
		B (55)		48	250	49	M1	(MK) CLUTCH SHIFT		OPP	55	
		C (73)		64	250	49	M1	(MK) CLUTCH SHIFT		OPP	55	
		E (86)		77	225	44	M1	(MK) CLUTCH SHIFT		OPP	55	
		J (95)		84	225	44	M1	(MK) CLUTCH SHIFT		OPP	55	
		O (125)		110	200	39	M1	(MK) CLUTCH SHIFT		OPP	55	
		R (137)		121	200	39	M1	(MK) CLUTCH SHIFT		OPP	55	
		S (150)		132	190	37	M1	(MK) CLUTCH SHIFT		OPP	55	
		T (165)		145	175	34	M1	(MK) CLUTCH SHIFT		OPP	55	
6000		Forward (73)		64	150	30	M1			BOTH	55	
		Reverse (-83)		73	150	30	M1			BOTH	55	

Mack

//////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //////////////////////////////////////




	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1010		B (55)		72	250	49	INCL	(MK14 ,17)	6140S	OPP	24	
		C (73)		95	250	49	INCL	(MK14 ,17)	6140S	OPP	24	
		E (86)		113	225	44	INCL	(MK14 ,17)	6140S	OPP	24	
		J (95)		124	225	44	INCL	(MK14 ,17)	6140S	OPP	24	
		O (125)		163	200	39	INCL	(MK14 ,17)	6140S	OPP	24	
		R (137)		179	200	39	INCL	(MK14 ,17)	6140S	OPP	24	
		S (150)		196	190	37	INCL	(MK14 ,17)	6140S	OPP	24	
		T (165)		215	175	34	INCL	(MK14 ,17)	6140S	OPP	24	

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2010		A (50)		65	250	49	INCL	(MK14 ,17)	GA8062	OPP	24	
		B (55)		72	250	49	INCL	(MK14 ,17)	GA8062	OPP	24	
		C (73)		95	250	49	INCL	(MK14 ,17)	GA8062	OPP	24	
		E (86)		113	225	44	INCL	(MK14 ,17)	GA8062	OPP	24	
		J (95)		124	225	44	INCL	(MK14 ,17)	GA8062	OPP	24	
		O (125)		163	200	39	INCL	(MK14 ,17)	GA8062	OPP	24	
		R (137)		179	200	39	INCL	(MK14 ,17)	GA8062	OPP	24	
		S (150)		196	190	37	INCL	(MK14 ,17)	GA8062	OPP	24	
3810		T (165)		215	175	34	INCL	(MK14 ,17)	GA8062	OPP	24	
		Z (40)		55	250	49	INCL	(MK14 ,17)	GA8062	OPP	24	
		A (50)		68	250	49	INCL	(MK14 ,17)	GA8062	OPP	24	
		B (55)		75	250	49	INCL	(MK14 ,17)	GA8062	OPP	24	
		C (73)		100	250	49	INCL	(MK14 ,17)	GA8062	OPP	24	
		E (86)		119	225	44	INCL	(MK14 ,17)	GA8062	OPP	24	
		J (95)		130	225	44	INCL	(MK14 ,17)	GA8062	OPP	24	
		O (125)		170	200	39	INCL	(MK14 ,17)	GA8062	OPP	24	
		R (137)		187	200	39	INCL	(MK14 ,17)	GA8062	OPP	24	
		S (150)		204	190	37	INCL	(MK14 ,17)	GA8062	OPP	24	
	T (165)		225	175	34	INCL	(MK14 ,17)	GA8062	OPP	24		

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)

Mack

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
4110		B (57)		68	450	87	INCL	(MK2 ,14 ,17)	GA8062	OPP	24	
		C (70)		84	470	90	INCL	(MK2 ,14 ,17)	GA8062	OPP	24	
		E (86)		103	470	90	INCL	(MK2 ,14 ,17)	GA8062	OPP	24	
		J (105)		126	400	77	INCL	(MK2 ,14 ,17)	GA8062	OPP	24	

FOOT NOTES:

MK2: Possible internal transmission interference with 4000 / 4100 Series "J" & "O" ratios. Check before installing PTO.

MK14: Speeds shown with transmission in 4TH gear. For PTO output speeds with transmission in any other gear, use the following multipliers:

Lo Gear	1st	2nd	3rd	4th	5th
0.26	0.45	0.59	0.77	1.00	1.30


MK17: Neutral select is a covered switch on the dash and is necessary for stationary operation.

T-3 10M Rear

T-3 10ME Rear

T-3 10MLR Rear

MCK.07

6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1010		B (55)		72	250	49	INCL	(MK9 ,17 ,18 ,19 ,20)	6140S	OPP	24	
		C (73)		95	250	49	INCL	(MK9 ,17 ,18 ,19 ,20)	6140S	OPP	24	
		E (86)		113	225	44	INCL	(MK9 ,17 ,18 ,19 ,20)	6140S	OPP	24	
		J (95)		124	225	44	INCL	(MK9 ,17 ,18 ,19 ,20)	6140S	OPP	24	
		O (125)		163	200	39	INCL	(MK9 ,17 ,18 ,19 ,20)	6140S	OPP	24	
		R (137)		179	200	39	INCL	(MK9 ,17 ,18 ,19 ,20)	6140S	OPP	24	
		S (150)		196	190	37	INCL	(MK9 ,17 ,18 ,19 ,20)	6140S	OPP	24	
		T (165)		215	175	34	INCL	(MK9 ,17 ,18 ,19 ,20)	6140S	OPP	24	

For complete part numbers, consult the PTO Series section (page 25)



Mack

T-3 10M Rear

T-3 10ME Rear

T-3 10MLR Rear

MCK.07

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2010	A (50)			65	250	49	INCL	(MK9 ,17 ,18 ,19 ,20)	GA8062	OPP	24	
	B (55)			72	250	49	INCL	(MK9 ,17 ,18 ,19 ,20)	GA8062	OPP	24	
	C (73)			95	250	49	INCL	(MK9 ,17 ,18 ,19 ,20)	GA8062	OPP	24	
	E (86)			113	225	44	INCL	(MK9 ,17 ,18 ,19 ,20)	GA8062	OPP	24	
	J (95)			124	225	44	INCL	(MK9 ,17 ,18 ,19 ,20)	GA8062	OPP	24	
	O (125)			163	200	39	INCL	(MK9 ,17 ,18 ,19 ,20)	GA8062	OPP	24	
	R (137)			179	200	39	INCL	(MK9 ,17 ,18 ,19 ,20)	GA8062	OPP	24	
	S (150)			196	190	37	INCL	(MK9 ,17 ,18 ,19 ,20)	GA8062	OPP	24	
	T (165)			215	175	34	INCL	(MK9 ,17 ,18 ,19 ,20)	GA8062	OPP	24	
3810	Z (40)			55	250	49	INCL	(MK9 ,17 ,18 ,19 ,20)	GA8062	OPP	24	
	A (50)			68	250	49	INCL	(MK9 ,17 ,18 ,19 ,20)	GA8062	OPP	24	
	B (55)			75	250	49	INCL	(MK9 ,17 ,18 ,19 ,20)	GA8062	OPP	24	
	C (73)			100	250	49	INCL	(MK9 ,17 ,18 ,19 ,20)	GA8062	OPP	24	
	E (86)			119	225	44	INCL	(MK9 ,17 ,18 ,19 ,20)	GA8062	OPP	24	
	J (95)			130	225	44	INCL	(MK9 ,17 ,18 ,19 ,20)	GA8062	OPP	24	
	O (125)			170	200	39	INCL	(MK9 ,17 ,18 ,19 ,20)	GA8062	OPP	24	
	R (137)			187	200	39	INCL	(MK9 ,17 ,18 ,19 ,20)	GA8062	OPP	24	
	S (150)			204	190	37	INCL	(MK9 ,17 ,18 ,19 ,20)	GA8062	OPP	24	
T (165)			225	175	34	INCL	(MK9 ,17 ,18 ,19 ,20)	GA8062	OPP	24		
4110	B (57)			68	450	87	INCL	(MK2 ,9 ,17 ,18 ,19 ,20)	GA8062	OPP	24	
	C (70)			84	470	90	INCL	(MK2 ,9 ,17 ,18 ,19 ,20)	GA8062	OPP	24	
	E (86)			103	470	90	INCL	(MK2 ,9 ,17 ,18 ,19 ,20)	GA8062	OPP	24	
	J (105)			126	400	77	INCL	(MK2 ,9 ,17 ,18 ,19 ,20)	GA8062	OPP	24	

FOOT NOTES:

MK2: Possible internal transmission interference with 4000/4100 Series "J" & "O" ratios. Check before installing PTO.

MK9: All applications shown are for Rear Box only.

MK17: Neutral select is a covered switch on the dash and is necessary for stationary operation.

MK18: Speeds shown with transmission in 4TH gear. For PTO output speeds with transmission in any other gear, use the following multipliers:

T-310M	Lo Gear	1st	2nd	3rd	4th	5th	Reverse*
	0.22	0.34	0.52	0.72	1.00	1.38	0.88


MK19: Speeds shown with transmission in 4TH gear. For PTO output speeds with transmission in any other gear, use the following multipliers:




T-310MLR	Lo Gear	1st	2nd	3rd	4th	5th	Reverse*
	0.14	0.28	0.52	0.72	1.00	1.40	0.88

MK20: PTO output rotation is reversed when transmission is placed in Reverse.

*Rotation of output shaft is reversed when the main transmission is placed in Reverse.

For complete part numbers, consult the PTO Series section (page 25)

6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1010		B (55)		72	250	49	INCL	(MK9 ,17 ,25)	6140S	OPP	24	
		C (73)		95	250	49	INCL	(MK9 ,17 ,25)	6140S	OPP	24	
		E (86)		113	225	44	INCL	(MK9 ,17 ,25)	6140S	OPP	24	
		J (95)		124	225	44	INCL	(MK9 ,17 ,25)	6140S	OPP	24	
		O (125)		163	200	39	INCL	(MK9 ,17 ,25)	6140S	OPP	24	
		R (137)		179	200	39	INCL	(MK9 ,17 ,25)	6140S	OPP	24	
		S (150)		196	190	37	INCL	(MK9 ,17 ,25)	6140S	OPP	24	
	T (165)		215	175	34	INCL	(MK9 ,17 ,25)	6140S	OPP	24		

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2010		A (50)		65	250	49	INCL	(MK9 ,17 ,25)	GA8062	OPP	24	
		B (55)		72	250	49	INCL	(MK9 ,17 ,25)	GA8062	OPP	24	
		C (73)		95	250	49	INCL	(MK9 ,17 ,25)	GA8062	OPP	24	
		E (86)		113	225	44	INCL	(MK9 ,17 ,25)	GA8062	OPP	24	
		J (95)		124	225	44	INCL	(MK9 ,17 ,25)	GA8062	OPP	24	
		O (125)		163	200	39	INCL	(MK9 ,17 ,25)	GA8062	OPP	24	
		R (137)		179	200	39	INCL	(MK9 ,17 ,25)	GA8062	OPP	24	
		S (150)		196	190	37	INCL	(MK9 ,17 ,25)	GA8062	OPP	24	
		T (165)		215	175	34	INCL	(MK9 ,17 ,25)	GA8062	OPP	24	
3810		Z (40)		55	250	49	INCL	(MK9 ,17 ,25)	GA8062	OPP	24	
		A (50)		68	250	49	INCL	(MK9 ,17 ,25)	GA8062	OPP	24	
		B (55)		75	250	49	INCL	(MK9 ,17 ,25)	GA8062	OPP	24	
		C (73)		100	250	49	INCL	(MK9 ,17 ,25)	GA8062	OPP	24	
		E (86)		119	225	44	INCL	(MK9 ,17 ,25)	GA8062	OPP	24	
		J (95)		130	225	44	INCL	(MK9 ,17 ,25)	GA8062	OPP	24	
		O (125)		170	200	39	INCL	(MK9 ,17 ,25)	GA8062	OPP	24	
		R (137)		187	200	39	INCL	(MK9 ,17 ,25)	GA8062	OPP	24	
		S (150)		204	190	37	INCL	(MK9 ,17 ,25)	GA8062	OPP	24	
	T (165)		225	175	34	INCL	(MK9 ,17 ,25)	GA8062	OPP	24		
4110		B (57)		68	450	87	INCL	(MK2 ,9 ,17 ,25)	GA8062	OPP	24	
		C (70)		84	470	90	INCL	(MK2 ,9 ,17 ,25)	GA8062	OPP	24	
		E (86)		103	470	90	INCL	(MK2 ,9 ,17 ,25)	GA8062	OPP	24	
		J (105)		126	400	77	INCL	(MK2 ,9 ,17 ,25)	GA8062	OPP	24	

FOOT NOTES:

MK2: Possible internal transmission interference with 4000/4100 Series "J" & "O" ratios. Check before installing PTO.

MK9: All applications shown are for Rear Box only.

MK17: Neutral select is a covered switch on the dash and is necessary for stationary operation.

MK25: Speeds shown with transmission in 5TH Gear. For PTO output speeds with transmission in any other gear use the following multipliers:

1st	2nd	3rd	4th	5th	6th	Reverse *
0.15	0.25	0.39	0.63	1.00	1.40	1.14

*Rotation of output shaft is reversed when the main transmission is placed in Reverse.

For complete part numbers, consult the PTO Series section (page 25)



Mack

T-2100

T-2110B Front

MCK.10

6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1010		B (55)		84	250	49	INCL		GA6062	OPP	24	
		C (73)		112	250	49	INCL		GA6062	OPP	24	
		E (86)		133	225	44	INCL		GA6062	OPP	24	
		J (95)		145	225	44	INCL		GA6062	OPP	24	
		O (125)		191	200	39	INCL		GA6062	OPP	24	
		R (137)		210	200	39	INCL		GA6062	OPP	24	
		S (150)		230	190	37	INCL		GA6062	OPP	24	
	T (165)		253	175	34	INCL		GA6062	OPP	24		

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2010		A (50)		77	250	49	INCL			OPP	24	
		B (55)		84	250	49	INCL			OPP	24	
		C (73)		112	250	49	INCL			OPP	24	
		E (86)		133	225	44	INCL			OPP	24	
		J (95)		145	225	44	INCL			OPP	24	
		O (125)		191	200	39	INCL			OPP	24	
		R (137)		210	200	39	INCL			OPP	24	
		S (150)		230	190	37	INCL			OPP	24	
3810		T (165)		253	175	34	INCL			OPP	24	
		Z (40)		64	250	49	INCL			OPP	24	
		A (50)		80	250	49	INCL			OPP	24	
		B (55)		88	250	49	INCL			OPP	24	
		C (73)		117	250	49	INCL			OPP	24	
		E (86)		140	225	44	INCL			OPP	24	
		J (95)		153	225	44	INCL			OPP	24	
		O (125)		200	200	39	INCL			OPP	24	
		R (137)		219	200	39	INCL			OPP	24	
4110		S (150)		240	190	37	INCL			OPP	24	
		T (165)		264	175	34	INCL			OPP	24	
		B (57)		80	450	87	INCL	(MK2)		OPP	24	
		C (70)		99	470	90	INCL	(MK2)		OPP	24	
	E (86)		121	470	90	INCL	(MK2)		OPP	24		
	J (105)		148	400	77	INCL	(MK2)		OPP	24		

FOOT NOTES:

MK2: Possible internal transmission interference with 4000/4100 Series "I" & "O" ratios. Check before installing PTO.

For complete part numbers, consult the PTO Series section (page 25)



Mack

2090
T-2090
T-2090L
T-2130 Front
T-2130B Front



T-2180 Front
T-2180B Front
T-309
T-309L
T-309LR





T-310MLR Front
T-313 Front
T-31321 Front
T-313L Front
T-313L21 Front

T-313LR Front
T-313LR21 Front
T-318 Front
T-31821 Front
T-318L Front

T-318L21 Front
T-318LR Front
T-318LR21 Front
TM-308M Front
TM-309M Front

MCK.13

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1010		B (55)		91	250	49	INCL	(MK8 ,13)	GA6062	OPP	24	
		C (73)		120	250	49	INCL	(MK8 ,13)	GA6062	OPP	24	
		E (86)		143	225	44	INCL	(MK8 ,13)	GA6062	OPP	24	
		J (95)		157	225	44	INCL	(MK8 ,13)	GA6062	OPP	24	
		O (125)		206	200	39	INCL	(MK8 ,13)	GA6062	OPP	24	
		R (137)		226	200	39	INCL	(MK8 ,13)	GA6062	OPP	24	
		S (150)		247	190	37	INCL	(MK8 ,13)	GA6062	OPP	24	
		T (165)		272	175	34	INCL	(MK8 ,13)	GA6062	OPP	24	

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2010		A (50)		82	250	49	INCL	(MK8)		OPP	24	
		B (55)		91	250	49	INCL	(MK8)		OPP	24	
		C (73)		120	250	49	INCL	(MK8)		OPP	24	
		E (86)		143	225	44	INCL	(MK8)		OPP	24	
		J (95)		157	225	44	INCL	(MK8)		OPP	24	
		O (125)		206	200	39	INCL	(MK8)		OPP	24	
		R (137)		226	200	39	INCL	(MK8)		OPP	24	
		S (150)		247	190	37	INCL	(MK8)		OPP	24	
			T (165)		272	175	34	INCL	(MK8)		OPP	
3810		Z (40)		69	250	49	INCL	(MK8)		OPP	24	
		A (50)		86	250	49	INCL	(MK8)		OPP	24	
		B (55)		95	250	49	INCL	(MK8)		OPP	24	
		C (73)		126	250	49	INCL	(MK8)		OPP	24	
		E (86)		151	225	44	INCL	(MK8)		OPP	24	
		J (95)		165	225	44	INCL	(MK8)		OPP	24	
		O (125)		215	200	39	INCL	(MK8)		OPP	24	
		R (137)		236	200	39	INCL	(MK8)		OPP	24	
		S (150)		258	190	37	INCL	(MK8)		OPP	24	
		T (165)		284	175	34	INCL	(MK8)		OPP	24	
4110		B (57)		86	450	87	INCL	(MK2 ,8)		OPP	24	
		C (70)		106	470	90	INCL	(MK2 ,8)		OPP	24	
		E (86)		130	470	90	INCL	(MK2 ,8)		OPP	24	
			J (105)		159	400	77	INCL	(MK2 ,8)		OPP	

FOOT NOTES:

MK2: Possible internal transmission interference with 4000/4100 Series "I" & "O" ratios. Check before installing m0.

MK8: All applications shown are for Front BOX only.



MK13: Possible spring hanger interference on trucks with set back Front axles.





For complete part numbers, consult the PTO Series section (page 25)



Mack

T-310 T-310M Front T-310ME Front **MCK.14**

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1010		B (55)		89	250	49	INCL	(MK8)	GA6093	OPP	24	
		C (73)		118	250	49	INCL	(MK8)	GA6093	OPP	24	
		E (86)		141	225	44	INCL	(MK8)	GA6093	OPP	24	
		J (95)		154	225	44	INCL	(MK8)	GA6093	OPP	24	
		O (125)		202	200	39	INCL	(MK8)	GA6093	OPP	24	
		R (137)		222	200	39	INCL	(MK8)	GA6093	OPP	24	
		S (150)		243	190	37	INCL	(MK8)	GA6093	OPP	24	
		T (165)		267	175	34	INCL	(MK8)	GA6093	OPP	24	

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2010		A (50)		81	250	49	INCL	(MK8)		OPP	24	
		B (55)		89	250	49	INCL	(MK8)		OPP	24	
		C (73)		118	250	49	INCL	(MK8)		OPP	24	
		E (86)		141	225	44	INCL	(MK8)		OPP	24	
		J (95)		154	225	44	INCL	(MK8)		OPP	24	
		O (125)		202	200	39	INCL	(MK8)		OPP	24	
		R (137)		222	200	39	INCL	(MK8)		OPP	24	
		S (150)		243	190	37	INCL	(MK8)		OPP	24	
		T (165)		267	175	34	INCL	(MK8)		OPP	24	
3810		Z (40)		68	250	49	INCL	(MK8)		OPP	24	
		A (50)		85	250	49	INCL	(MK8)		OPP	24	
		B (55)		93	250	49	INCL	(MK8)		OPP	24	
		C (73)		123	250	49	INCL	(MK8)		OPP	24	
		E (86)		148	225	44	INCL	(MK8)		OPP	24	
		J (95)		162	225	44	INCL	(MK8)		OPP	24	
		O (125)		211	200	39	INCL	(MK8)		OPP	24	
		R (137)		231	200	39	INCL	(MK8)		OPP	24	
		S (150)		254	190	37	INCL	(MK8)		OPP	24	
4110		T (165)		279	175	34	INCL	(MK8)		OPP	24	
		B (57)		85	450	87	INCL	(MK2 ,8)		OPP	24	
		C (70)		104	470	90	INCL	(MK2 ,8)		OPP	24	
		E (86)		128	470	90	INCL	(MK2 ,8)		OPP	24	
	J (105)		156	400	77	INCL	(MK2 ,8)		OPP	24		

FOOT NOTES:

MK2: Possible internal transmission interference with 4000/4100 Series "J" & "O" ratios. Check before installing PTO. **MK8:** All applications shown are for Front Box only.

//////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //////////////////////////////////////







Mack

TM-308

TM-309

MCK.15

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1010		B (55)		91	250	49	INCL	(MK22 ,23 ,24)	GA6062	OPP	24	
		C (73)		120	250	49	INCL	(MK22 ,23 ,24)	GA6062	OPP	24	
		E (86)		143	225	44	INCL	(MK22 ,23 ,24)	GA6062	OPP	24	
		J (95)		157	225	44	INCL	(MK22 ,23 ,24)	GA6062	OPP	24	
		O (125)		206	200	39	INCL	(MK22 ,23 ,24)	GA6062	OPP	24	
		R (137)		226	200	39	INCL	(MK22 ,23 ,24)	GA6062	OPP	24	
		S (150)		247	190	37	INCL	(MK22 ,23 ,24)	GA6062	OPP	24	
		T (165)		272	175	34	INCL	(MK22 ,23 ,24)	GA6062	OPP	24	

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2010		A (50)		82	250	49	INCL	(MK22 ,23)		OPP	24	
		B (55)		91	250	49	INCL	(MK22 ,23)		OPP	24	
		C (73)		120	250	49	INCL	(MK22 ,23)		OPP	24	
		E (86)		143	225	44	INCL	(MK22 ,23)		OPP	24	
		J (95)		157	225	44	INCL	(MK22 ,23)		OPP	24	
		O (125)		206	200	39	INCL	(MK22 ,23)		OPP	24	
		R (137)		226	200	39	INCL	(MK22 ,23)		OPP	24	
		S (150)		247	190	37	INCL	(MK22 ,23)		OPP	24	
		T (165)		272	175	34	INCL	(MK22 ,23)		OPP	24	

FOOT NOTES:

MK22: Interference with outside diameter of transmission PTO driver gear for Ratios "O" and higher (1000 & 2000 Series PTOs).

MK23: Transmission PTO driver gear (54 Tooth) has non-standard location of .320" Rearward of aperture centerline.

MK24: Possible spring hanger interference.

//////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //////////////////////////////////////



Mack


T-2130 Rear




T-2130B Rear

T-2180 Rear

T-2180B Rear

MCK.16


	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1010		B (55)		86	250	49	INCL	(MK15 ,16)	6140S	OPP	24	
		C (73)		114	250	49	INCL	(MK15 ,16)	6140S	OPP	24	
		E (86)		135	225	44	INCL	(MK15 ,16)	6140S	OPP	24	
		J (95)		148	225	44	INCL	(MK15 ,16)	6140S	OPP	24	
		O (125)		194	200	39	INCL	(MK15 ,16)	6140S	OPP	24	
		R (137)		213	200	39	INCL	(MK15 ,16)	6140S	OPP	24	
		S (150)		233	190	37	INCL	(MK15 ,16)	6140S	OPP	24	
		T (165)		257	175	34	INCL	(MK15 ,16)	6140S	OPP	24	

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2010		A (50)		78	250	49	INCL	(MK15 ,16)	GA8062	OPP	24	
		B (55)		86	250	49	INCL	(MK15 ,16)	GA8062	OPP	24	
		C (73)		114	250	49	INCL	(MK15 ,16)	GA8062	OPP	24	
		E (86)		135	225	44	INCL	(MK15 ,16)	GA8062	OPP	24	
		J (95)		148	225	44	INCL	(MK15 ,16)	GA8062	OPP	24	
		O (125)		194	200	39	INCL	(MK15 ,16)	GA8062	OPP	24	
		R (137)		213	200	39	INCL	(MK15 ,16)	GA8062	OPP	24	
		S (150)		233	190	37	INCL	(MK15 ,16)	GA8062	OPP	24	
		T (165)		257	175	34	INCL	(MK15 ,16)	GA8062	OPP	24	
3810		Z (40)		65	250	49	INCL	(MK15 ,16)	GA8062	OPP	24	
		A (50)		81	250	49	INCL	(MK15 ,16)	GA8062	OPP	24	
		B (55)		89	250	49	INCL	(MK15 ,16)	GA8062	OPP	24	
		C (73)		119	250	49	INCL	(MK15 ,16)	GA8062	OPP	24	
		E (86)		142	225	44	INCL	(MK15 ,16)	GA8062	OPP	24	
		J (95)		156	225	44	INCL	(MK15 ,16)	GA8062	OPP	24	
		O (125)		203	200	39	INCL	(MK15 ,16)	GA8062	OPP	24	
		R (137)		222	200	39	INCL	(MK15 ,16)	GA8062	OPP	24	
		S (150)		244	190	37	INCL	(MK15 ,16)	GA8062	OPP	24	
	T (165)		268	175	34	INCL	(MK15 ,16)	GA8062	OPP	24		

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)

Mack

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
4110		B (57)		82	450	87	INCL	(MK2 ,15 ,16)	GA8062	OPP	24	
		C (70)		100	470	90	INCL	(MK2 ,15 ,16)	GA8062	OPP	24	
		E (86)		123	470	90	INCL	(MK2 ,15 ,16)	GA8062	OPP	24	
		J (105)		150	400	77	INCL	(MK2 ,15 ,16)	GA8062	OPP	24	

FOOT NOTES:

MK2: Possible internal transmission interference with 4000/4100 Series "J" & "O" ratios. Check before installing PTO.

MK15: Speeds shown with transmission in 4TH gear. For PTO output speeds with transmission in any other gear, use the following multipliers:

				Low	Reverse*	
1st	2nd	3rd	4th	Gear	T-31_L	T-31_LR
0.37	0.51	0.71	1.0	0.20	0.20	0.11

*Rotation of output shaft is reversed when the main transmission is placed in Reverse.

MK16: Speeds shown with splitter in Low Range. Multiply final ratio by 1.18 for High Range.

////////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //



Mack


T-313L Rear
T-313L21 Rear




T-313LR Rear
T-313LR21 Rear

T-318L Rear
T-318L21 Rear

T-318LR Rear
T-318LR21 Rear

MCK.17

6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1010	B (55)			86	250	49	INCL	(MK9 ,16 ,17 ,21)	6140S	OPP	24	
	C (73)			114	250	49	INCL	(MK9 ,16 ,17 ,21)	6140S	OPP	24	
	E (86)			135	225	44	INCL	(MK9 ,16 ,17 ,21)	6140S	OPP	24	
	J (95)			148	225	44	INCL	(MK9 ,16 ,17 ,21)	6140S	OPP	24	
	O (125)			194	200	39	INCL	(MK9 ,16 ,17 ,21)	6140S	OPP	24	
	R (137)			213	200	39	INCL	(MK9 ,16 ,17 ,21)	6140S	OPP	24	
	S (150)			233	190	37	INCL	(MK9 ,16 ,17 ,21)	6140S	OPP	24	
T (165)			257	175	34	INCL	(MK9 ,16 ,17 ,21)	6140S	OPP	24		

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2010	A (50)			78	250	49	INCL	(MK9 ,16 ,17 ,21)	GA8062	OPP	24	
	B (55)			86	250	49	INCL	(MK9 ,16 ,17 ,21)	GA8062	OPP	24	
	C (73)			114	250	49	INCL	(MK9 ,16 ,17 ,21)	GA8062	OPP	24	
	E (86)			135	225	44	INCL	(MK9 ,16 ,17 ,21)	GA8062	OPP	24	
	J (95)			148	225	44	INCL	(MK9 ,16 ,17 ,21)	GA8062	OPP	24	
	O (125)			194	200	39	INCL	(MK9 ,16 ,17 ,21)	GA8062	OPP	24	
	R (137)			213	200	39	INCL	(MK9 ,16 ,17 ,21)	GA8062	OPP	24	
	S (150)			233	190	37	INCL	(MK9 ,16 ,17 ,21)	GA8062	OPP	24	
T (165)			257	175	34	INCL	(MK9 ,16 ,17 ,21)	GA8062	OPP	24		
3810	Z (40)			65	250	49	INCL	(MK9 ,16 ,17 ,21)	GA8062	OPP	24	
	A (50)			81	250	49	INCL	(MK9 ,16 ,17 ,21)	GA8062	OPP	24	
	B (55)			89	250	49	INCL	(MK9 ,16 ,17 ,21)	GA8062	OPP	24	
	C (73)			119	250	49	INCL	(MK9 ,16 ,17 ,21)	GA8062	OPP	24	
	E (86)			142	225	44	INCL	(MK9 ,16 ,17 ,21)	GA8062	OPP	24	
	J (95)			156	225	44	INCL	(MK9 ,16 ,17 ,21)	GA8062	OPP	24	
	O (125)			203	200	39	INCL	(MK9 ,16 ,17 ,21)	GA8062	OPP	24	
	R (137)			222	200	39	INCL	(MK9 ,16 ,17 ,21)	GA8062	OPP	24	
S (150)			244	190	37	INCL	(MK9 ,16 ,17 ,21)	GA8062	OPP	24		
T (165)			268	175	34	INCL	(MK9 ,16 ,17 ,21)	GA8062	OPP	24		
4110	B (57)			82	450	87	INCL	(MK2 ,9 ,16 ,17 ,21)	GA8062	OPP	24	
	C (70)			100	470	90	INCL	(MK2 ,9 ,16 ,17 ,21)	GA8062	OPP	24	
	E (86)			123	470	90	INCL	(MK2 ,9 ,16 ,17 ,21)	GA8062	OPP	24	
	J (105)			150	400	77	INCL	(MK2 ,9 ,16 ,17 ,21)	GA8062	OPP	24	

FOOT NOTES:

MK2: Possible internal transmission interference with 4000/4100 Series "J" & "O" ratios. Check before installing PTO.

MK9: All applications shown are for Rear Box only.

MK16: Speeds shown with splitter in Low Range. Multiply final ratio by 1.18 for High Range.

MK17: Neutral select is a covered switch on the dash and is necessary for stationary operation.

MK21: Speeds shown with transmission in 4TH gear. For PTO output speeds with transmission in any other gear, use the following multipliers:

	Low	Reverse*
1st	0.233	0.109
2nd	0.507	0.245
3rd	0.712	
4th	1.0	

*Rotation of output shaft is reversed when the main transmission is placed in Reverse.

For complete part numbers, consult the PTO Series section (page 25)

Mack

T-2050
T-2060
T-2070 Front



T-2070A Front
T-2070B Front
T-2070F





T-2080
T-2080B Front
T-305

T-306
T-307 Front
T-307M Front

T-308
T-308M Front

MCK.18

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1010		B (55)		108	250	49	INCL	(MK8)	GA6062	OPP	24	
		C (73)		143	250	49	INCL	(MK8)	GA6062	OPP	24	
		E (86)		171	225	44	INCL	(MK8)	GA6062	OPP	24	
		J (95)		187	225	44	INCL	(MK8)	GA6062	OPP	24	
		O (125)		246	200	39	INCL	(MK8)	GA6062	OPP	24	
		R (137)		269	200	39	INCL	(MK8)	GA6062	OPP	24	
		S (150)		295	190	37	INCL	(MK8)	GA6062	OPP	24	
	T (165)		324	175	34	INCL	(MK8)	GA6062	OPP	24		

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2010		A (50)		98	250	49	INCL	(MK8)		OPP	24	
		B (55)		108	250	49	INCL	(MK8)		OPP	24	
		C (73)		143	250	49	INCL	(MK8)		OPP	24	
		E (86)		171	225	44	INCL	(MK8)		OPP	24	
		J (95)		187	225	44	INCL	(MK8)		OPP	24	
		O (125)		246	200	39	INCL	(MK8)		OPP	24	
		R (137)		269	200	39	INCL	(MK8)		OPP	24	
		S (150)		295	190	37	INCL	(MK8)		OPP	24	
	T (165)		324	175	34	INCL	(MK8)		OPP	24		
3810		Z (40)		82	250	49	INCL	(MK8)		OPP	24	
		A (50)		103	250	49	INCL	(MK8)		OPP	24	
		B (55)		113	250	49	INCL	(MK8)		OPP	24	
		C (73)		150	250	49	INCL	(MK8)		OPP	24	
		E (86)		180	225	44	INCL	(MK8)		OPP	24	
		J (95)		197	225	44	INCL	(MK8)		OPP	24	
		O (125)		257	200	39	INCL	(MK8)		OPP	24	
		R (137)		281	200	39	INCL	(MK8)		OPP	24	
		S (150)		308	190	37	INCL	(MK8)		OPP	24	
	T (165)		338	175	34	INCL	(MK8)		OPP	24		
4110		B (57)		103	450	87	INCL	(MK2 , 8)		OPP	24	
		C (70)		127	470	90	INCL	(MK2 , 8)		OPP	24	
		E (86)		155	470	90	INCL	(MK2 , 8)		OPP	24	
		J (105)		190	400	77	INCL	(MK2 , 8)		OPP	24	

FOOT NOTES:

MK2: Possible internal transmission interference with 4000/4100 Series "J" & "O" ratios. Check before installing PTO.

MK8: All applications shown are for Front Box only.

////////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //



Mack

T-2050C

T-2060C



T-2070C Front





T-2070D Front

T-2080C

T-2080D Front

MCK.19

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1010		B (55)		100	250	49	INCL		GA6032	OPP	O1	
		C (73)		133	250	49	INCL		GA6032	OPP	O1	
		E (86)		159	225	44	INCL		GA6032	OPP	O1	
		J (95)		173	225	44	INCL		GA6032	OPP	O1	
		O (125)		228	200	39	INCL		GA6032	OPP	O1	
		R (137)		250	200	39	INCL		GA6032	OPP	O1	
		S (150)		274	190	37	INCL		GA6032	OPP	O1	
	T (165)		301	175	34	INCL		GA6032	OPP	O1		

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2010		A (50)		91	250	49	INCL		GA8093	OPP	O1	
		B (55)		100	250	49	INCL		GA8093	OPP	O1	
		C (73)		133	250	49	INCL		GA8093	OPP	O1	
		E (86)		159	225	44	INCL		GA8093	OPP	O1	
		J (95)		173	225	44	INCL		GA8093	OPP	O1	
		O (125)		228	200	39	INCL		GA8093	OPP	O1	
		R (137)		250	200	39	INCL		GA8093	OPP	O1	
		S (150)		274	190	37	INCL		GA8093	OPP	O1	
3810		T (165)		301	175	34	INCL		GA8093	OPP	O1	
		Z (40)		73	250	49	INCL		GA8093	OPP	O1	
		A (50)		91	250	49	INCL		GA8093	OPP	O1	
		B (55)		100	250	49	INCL		GA8093	OPP	O1	
		C (73)		133	250	49	INCL		GA8093	OPP	O1	
		E (86)		160	225	44	INCL		GA8093	OPP	O1	
		J (95)		175	225	44	INCL		GA8093	OPP	O1	
		O (125)		228	200	39	INCL		GA8093	OPP	O1	
4110		R (137)		250	200	39	INCL		GA8093	OPP	O1	
		S (150)		274	190	37	INCL		GA8093	OPP	O1	
		T (165)		301	175	34	INCL		GA8093	OPP	O1	
		B (57)		100	450	87	INCL	(MK2)	GA8093	OPP	O1	
	C (70)		122	470	90	INCL	(MK2)	GA8093	OPP	O1		
	E (86)		150	470	90	INCL	(MK2)	GA8093	OPP	O1		
	J (105)		183	400	77	INCL	(MK2)	GA8093	OPP	O1		

FOOT NOTES:

MK2: Possible internal transmission interference with 4000/4100 Series "J" & "O" ratios. Check before installing PTO.

////////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //

Mack

T-2070 Rear
T-2070A Rear

T-2070B Rear
T-2070C Rear




T-2070D Rear
T-2080B Rear

T-2080D Rear
T-307 Rear

T-307M Rear
T-308M Rear

MCK.20

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1010		B (55)		120	250	49	INCL	(MK10 ,11 ,12)	6140S	OPP	24	
		C (73)		159	250	49	INCL	(MK10 ,11 ,12)	6140S	OPP	24	
		E (86)		190	225	44	INCL	(MK10 ,11 ,12)	6140S	OPP	24	
		J (95)		207	225	44	INCL	(MK10 ,11 ,12)	6140S	OPP	24	
		O (125)		273	200	39	INCL	(MK10 ,11 ,12)	6140S	OPP	24	
		R (137)		299	200	39	INCL	(MK10 ,11 ,12)	6140S	OPP	24	
		S (150)		328	190	37	INCL	(MK10 ,11 ,12)	6140S	OPP	24	
		T (165)		360	175	34	INCL	(MK10 ,11 ,12)	6140S	OPP	24	

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2010		A (50)		109	250	49	INCL	(MK10 ,11 ,12)	GA8062	OPP	24	
		B (55)		120	250	49	INCL	(MK10 ,11 ,12)	GA8062	OPP	24	
		C (73)		159	250	49	INCL	(MK10 ,11 ,12)	GA8062	OPP	24	
		E (86)		190	225	44	INCL	(MK10 ,11 ,12)	GA8062	OPP	24	
		J (95)		207	225	44	INCL	(MK10 ,11 ,12)	GA8062	OPP	24	
		O (125)		273	200	39	INCL	(MK10 ,11 ,12)	GA8062	OPP	24	
		R (137)		299	200	39	INCL	(MK10 ,11 ,12)	GA8062	OPP	24	
		S (150)		328	190	37	INCL	(MK10 ,11 ,12)	GA8062	OPP	24	
		T (165)		360	175	34	INCL	(MK10 ,11 ,12)	GA8062	OPP	24	
3810		Z (40)		91	250	49	INCL	(MK10 ,11 ,12)	GA8062	OPP	24	
		A (50)		114	250	49	INCL	(MK10 ,11 ,12)	GA8062	OPP	24	
		B (55)		126	250	49	INCL	(MK10 ,11 ,12)	GA8062	OPP	24	
		C (73)		167	250	49	INCL	(MK10 ,11 ,12)	GA8062	OPP	24	
		E (86)		200	225	44	INCL	(MK10 ,11 ,12)	GA8062	OPP	24	
		J (95)		218	225	44	INCL	(MK10 ,11 ,12)	GA8062	OPP	24	
		O (125)		285	200	39	INCL	(MK10 ,11 ,12)	GA8062	OPP	24	
		R (137)		312	200	39	INCL	(MK10 ,11 ,12)	GA8062	OPP	24	
		S (150)		342	190	37	INCL	(MK10 ,11 ,12)	GA8062	OPP	24	
	T (165)		376	175	34	INCL	(MK10 ,11 ,12)	GA8062	OPP	24		

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)



Mack

T-2070 Rear
T-2070A Rear


T-2070B Rear
T-2070C Rear

T-2070D Rear
T-2080B Rear

T-2080D Rear
T-307 Rear

T-307M Rear
T-308M Rear

MCK.20

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
4110		B (57)		115	450	87	INCL	(MK2 ,10 ,11 ,12)	GA8062	OPP	24	
		C (70)		141	470	90	INCL	(MK2 ,10 ,11 ,12)	GA8062	OPP	24	
		E (86)		173	470	90	INCL	(MK2 ,10 ,11 ,12)	GA8062	OPP	24	
		J (105)		211	400	77	INCL	(MK2 ,10 ,11 ,12)	GA8062	OPP	24	

FOOT NOTES:

MK2: Possible internal transmission interference with 4000/4100 Series "J" & "O" ratios. Check before installing PTO.

MK10: Speeds shown with transmission in 5TH Gear. For PTO output speeds with transmission in any other gear use the following multipliers:

1st	2nd	3rd	4th
0.114	0.196	0.343	0.597

MK11: Rotation of output shaft is reversed when the main transmission is in Reverse. Multiply output speed by .113.

MK12: With this transmission in 5TH gear, multiply PTO output speed by .890.

//////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //////////////////////////////////////

D-107
T-107
TRDL-107





TRTXL-107
TRX-107
TRXL-107



TRXL-1071
TRXL-1071A
TRXL-1078

TRXL-107A
X-107
X-1071

X-1071A
X-107A

MCK.21

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		97	250	49	S3	(MK1)	AD530-1X 6240S	ENG	O1	
		C (73)		129	250	49	S3	(MK1)	AD530-1X 6240S	ENG	O1	
		E (86)		154	225	44	S3	(MK1)	AD530-1X 6240S	ENG	O1	
		J (95)		168	225	44	S3	(MK1)	AD530-1X 6240S	ENG	O1	
		O (125)		222	200	39	S3	(MK1)	AD530-1X 6240S	ENG	O1	
		R (137)		243	200	39	S3	(MK1)	AD530-1X 6240S	ENG	O1	
		S (150)		266	190	37	S3	(MK1)	AD530-1X 6240S	ENG	O1	
3200		Z (40)		71	250	49	INCL	(MK1 ,4) CLUTCH SHIFT	AD530-1X 6240S	ENG	O1	
		A (50)		89	250	49	INCL	(MK1 ,4) CLUTCH SHIFT	AD530-1X 6240S	ENG	O1	
		B (55)		97	250	49	INCL	(MK1 ,4) CLUTCH SHIFT	AD530-1X 6240S	ENG	O1	
		C (73)		129	250	49	INCL	(MK1 ,4) CLUTCH SHIFT	AD530-1X 6240S	ENG	O1	
		E (86)		155	225	44	INCL	(MK1 ,4) CLUTCH SHIFT	AD530-1X 6240S	ENG	O1	
		J (95)		170	225	44	INCL	(MK1 ,4) CLUTCH SHIFT	AD530-1X 6240S	ENG	O1	
		O (125)		222	200	39	INCL	(MK1 ,4) CLUTCH SHIFT	AD530-1X 6240S	ENG	O1	
		R (137)		243	200	39	INCL	(MK1 ,4) CLUTCH SHIFT	AD530-1X 6240S	ENG	O1	
		S (150)		266	190	37	INCL	(MK1 ,4) CLUTCH SHIFT	AD530-1X 6240S	ENG	O1	
		T (165)		292	175	34	INCL	(MK1 ,4) CLUTCH SHIFT	AD530-1X 6240S	ENG	O1	
6000		Forward (73)		129	150	30	S3	(MK1 ,4)	AD530-1X 6240S	BOTH	O1	
		Reverse (83)		147	150	30	S3	(MK1 ,4)	AD530-1X 6240S	BOTH	O1	

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)		89	250	49	INCL	(MK1)	8190S	OPP	O1	
		B (55)		97	250	49	INCL	(MK1)	8190S	OPP	O1	
		C (73)		129	250	49	INCL	(MK1)	8190S	OPP	O1	
		E (86)		154	225	44	INCL	(MK1)	8190S	OPP	O1	
		J (95)		168	225	44	INCL	(MK1)	8190S	OPP	O1	
		O (125)		222	200	39	INCL	(MK1)	8190S	OPP	O1	
		R (137)		243	200	39	INCL	(MK1)	8190S	OPP	O1	
		S (150)		266	190	37	INCL	(MK1)	8190S	OPP	O1	
		T (165)		292	175	34	INCL	(MK1)	8190S	OPP	O1	

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)



Mack

D-107
T-107
TRDL-107

TRTXL-107
TRX-107
TRXL-107

TRXL-1071
TRXL-1071A
TRXL-1078

TRXL-107A
X-107
X-1071

X-1071A
X-107A

MCK.21

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
3800		Z (40)		71	250	49	INCL	(MK1) CLUTCH SHIFT	8190S	OPP	O1	
		A (50)		89	250	49	INCL	(MK1) CLUTCH SHIFT	8190S	OPP	O1	
		B (55)		97	250	49	INCL	(MK1) CLUTCH SHIFT	8190S	OPP	O1	
		C (73)		129	250	49	INCL	(MK1) CLUTCH SHIFT	8190S	OPP	O1	
		E (86)		155	225	44	INCL	(MK1) CLUTCH SHIFT	8190S	OPP	O1	
		J (95)		170	225	44	INCL	(MK1) CLUTCH SHIFT	8190S	OPP	O1	
		O (125)		222	200	39	INCL	(MK1) CLUTCH SHIFT	8190S	OPP	O1	
		R (137)		243	200	39	INCL	(MK1) CLUTCH SHIFT	8190S	OPP	O1	
		S (150)		266	190	37	INCL	(MK1) CLUTCH SHIFT	8190S	OPP	O1	
	T (165)		292	175	34	INCL	(MK1) CLUTCH SHIFT	8190S	OPP	O1		
4100		B (57)		97	450	87	INCL	(MK1 ,2)	8190S	OPP	O1	
		C (70)		119	470	90	INCL	(MK1 ,2)	8190S	OPP	O1	
		E (86)		146	470	90	INCL	(MK1 ,2)	8190S	OPP	O1	
		J (105)		178	400	77	INCL	(MK1 ,2)	8190S	OPP	O1	
6800		Forward (55)		129	150	30	INCL	(MK1)	8190S	BOTH	O1	
		Reverse (-52)		147	150	30	INCL	(MK1)	8190S	BOTH	O1	
8000		Forward (40)		73	500	95	INCL	(MK1)	8190S	BOTH	O1	
		Reverse (50)		87	500	95	INCL	(MK1)	8190S	BOTH	O1	
8500		B (57)		67	500	95	INCL	(MK1)	8190S	OPP	O1	
		C (70)		89	500	95	INCL	(MK1)	8190S	OPP	O1	
		E (86)		106	480	90	INCL	(MK1)	8190S	OPP	O1	
		J (105)		132	450	86	INCL	(MK1)	8190S	OPP	O1	
		O (127)		152	400	76	INCL	(MK1)	8190S	OPP	O1	
		R (137)		167	360	68	INCL	(MK1)	8190S	OPP	O1	
		S (150)		183	320	62	INCL	(MK1)	8190S	OPP	O1	
		T (165)		201	280	54	INCL	(MK1)	8190S	OPP	O1	

FOOT NOTES:

MK1: Speeds shown with transmission in 5TH Gear. For PTO output speeds with transmission in any other gear use the following multipliers:

1st	2nd	3rd	4th
0.116	0.200	0.353	0.603

MK2: Possible internal transmission interference with 4000/4100 Series "J" & "O" ratios. Check before installing PTO.

MK4: PTO should be filled with oil before start-up due to location of PTO opening. Check transmission oil level after initial start-up run.

For complete part numbers, consult the PTO Series section (page 25)





TRXL-1070
TRXL-1070A



TRXL-10710
X-1070

X-1070A
X-10710

X-10710A

MCK.22

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		97	250	49	S3	(MK4 ,26)	AD530-1X 6240S	ENG	O1	
		C (73)		129	250	49	S3	(MK4 ,26)	AD530-1X 6240S	ENG	O1	
		E (86)		154	225	44	S3	(MK4 ,26)	AD530-1X 6240S	ENG	O1	
		J (95)		168	225	44	S3	(MK4 ,26)	AD530-1X 6240S	ENG	O1	
		O (125)		222	200	39	S3	(MK4 ,26)	AD530-1X 6240S	ENG	O1	
		R (137)		243	200	39	S3	(MK4 ,26)	AD530-1X 6240S	ENG	O1	
		S (150)		266	190	37	S3	(MK4 ,26)	AD530-1X 6240S	ENG	O1	
	T (165)		292	175	34	S3	(MK4 ,26)	AD530-1X 6240S	ENG	O1		
3200		Z (40)		71	250	49	S3	(MK4 ,26) CLUTCH SHIFT	AD530-1X 6240S	ENG	O1	
		A (50)		89	250	49	S3	(MK4 ,26) CLUTCH SHIFT	AD530-1X 6240S	ENG	O1	
		B (55)		97	250	49	S3	(MK4 ,26) CLUTCH SHIFT	AD530-1X 6240S	ENG	O1	
		C (73)		129	250	49	S3	(MK4 ,26) CLUTCH SHIFT	AD530-1X 6240S	ENG	O1	
		E (86)		155	225	44	S3	(MK4 ,26) CLUTCH SHIFT	AD530-1X 6240S	ENG	O1	
		J (95)		170	225	44	S3	(MK4 ,26) CLUTCH SHIFT	AD530-1X 6240S	ENG	O1	
		O (125)		222	200	39	S3	(MK4 ,26) CLUTCH SHIFT	AD530-1X 6240S	ENG	O1	
		R (137)		243	200	39	S3	(MK4 ,26) CLUTCH SHIFT	AD530-1X 6240S	ENG	O1	
		S (150)		266	190	37	S3	(MK4 ,26) CLUTCH SHIFT	AD530-1X 6240S	ENG	O1	
	T (165)		292	175	34	S3	(MK4 ,26) CLUTCH SHIFT	AD530-1X 6240S	ENG	O1		
6000		Forward (73)		129	150	30	S3	(MK4 ,26)	AD530-1X 6240S	BOTH	O1	
		Reverse (-83)		147	150	30	S3	(MK4 ,26)	AD530-1X 6240S	BOTH	O1	

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)		89	250	49	INCL	(MK26)	8190S	OPP	O1	
		B (55)		97	250	49	INCL	(MK26)	8190S	OPP	O1	
		C (73)		129	250	49	INCL	(MK26)	8190S	OPP	O1	
		E (86)		154	225	44	INCL	(MK26)	8190S	OPP	O1	
		J (95)		168	225	44	INCL	(MK26)	8190S	OPP	O1	
		O (125)		222	200	39	INCL	(MK26)	8190S	OPP	O1	
		R (137)		243	200	39	INCL	(MK26)	8190S	OPP	O1	
		S (150)		266	190	37	INCL	(MK26)	8190S	OPP	O1	
		T (165)		292	175	34	INCL	(MK26)	8190S	OPP	O1	

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)

Mack

TRXL-1070
TRXL-1070A

TRXL-10710
X-1070

X-1070A
X-10710

X-10710A

MCK.22

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
3800	Z (40)		71		250	49	INCL	(MK26) CLUTCH SHIFT	8190S	OPP	O1	
	A (50)		89		250	49	INCL	(MK26) CLUTCH SHIFT	8190S	OPP	O1	
	B (55)		97		250	49	INCL	(MK26) CLUTCH SHIFT	8190S	OPP	O1	
	C (73)		129		250	49	INCL	(MK26) CLUTCH SHIFT	8190S	OPP	O1	
	E (86)		155		225	44	INCL	(MK26) CLUTCH SHIFT	8190S	OPP	O1	
	J (95)		170		225	44	INCL	(MK26) CLUTCH SHIFT	8190S	OPP	O1	
	O (125)		222		200	39	INCL	(MK26) CLUTCH SHIFT	8190S	OPP	O1	
	R (137)		243		200	39	INCL	(MK26) CLUTCH SHIFT	8190S	OPP	O1	
	S (150)		266		190	37	INCL	(MK26) CLUTCH SHIFT	8190S	OPP	O1	
T (165)		292		175	34	INCL	(MK26) CLUTCH SHIFT	8190S	OPP	O1		
4100	B (57)		97		450	87	INCL	(MK2 ,26)	8190S	OPP	O1	
	C (70)		119		470	90	INCL	(MK2 ,26)	8190S	OPP	O1	
	E (86)		146		470	90	INCL	(MK2 ,26)	8190S	OPP	O1	
	J (105)		178		400	77	INCL	(MK2 ,26)	8190S	OPP	O1	
6800	Forward (55)		129		150	30	INCL	(MK26)	8190S	BOTH	O1	
	Reverse (-52)		147		150	30	INCL	(MK26)	8190S	BOTH	O1	
8000	Forward (40)		73		500	95	INCL	(MK26)	8190S	BOTH	O1	
	Reverse (50)		87		500	95	INCL	(MK26)	8190S	BOTH	O1	
8500	B (57)		67		500	95	INCL	(MK26)	8190S	OPP	O1	
	C (70)		89		500	95	INCL	(MK26)	8190S	OPP	O1	
	E (86)		106		480	90	INCL	(MK26)	8190S	OPP	O1	
	J (105)		132		450	86	INCL	(MK26)	8190S	OPP	O1	
	O (127)		152		400	76	INCL	(MK26)	8190S	OPP	O1	
	R (137)		167		360	68	INCL	(MK26)	8190S	OPP	O1	
	S (150)		183		320	62	INCL	(MK26)	8190S	OPP	O1	
T (165)		201		280	54	INCL	(MK26)	8190S	OPP	O1		

FOOT NOTES:

MK2: Possible internal transmission interference with 4000/4100 Series "J" & "O" ratios. Check before installing PTO.

MK4: PTO should be filled with oil before start-up due to location of PTO opening. Check transmission oil level after initial start-up run.

MK26: Speeds shown with transmission in 4TH gear. For PTO output speeds with transmission in any other gear, use the following multipliers:

1st	2nd	3rd	4th	5th
0.191	0.328	0.578	1.000	1.670

For complete part numbers, consult the PTO Series section (page 25)

T-1070

T-1070B

TRDL-1070

TRDLG-1070

TRTXL-1070

TRTXL-1070B

MCK.23

6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		125	250	49	S3	(MK1 ,3 ,4)	AD530-1X 6240S	ENG	O1	
		C (73)		166	250	49	S3	(MK1 ,3 ,4)	AD530-1X 6240S	ENG	O1	
		E (86)		198	225	44	S3	(MK1 ,3 ,4)	AD530-1X 6240S	ENG	O1	
		J (95)		216	225	44	S3	(MK1 ,3 ,4)	AD530-1X 6240S	ENG	O1	
		O (125)		285	200	39	S3	(MK1 ,3 ,4)	AD530-1X 6240S	ENG	O1	
		R (137)		312	200	39	S3	(MK1 ,3 ,4)	AD530-1X 6240S	ENG	O1	
		S (150)		342	190	37	S3	(MK1 ,3 ,4)	AD530-1X 6240S	ENG	O1	
6000		T (165)		376	175	34	S3	(MK1 ,3 ,4)	AD530-1X 6240S	ENG	O1	
		Forward (73)		166	150	30	S3	(MK1 ,3 ,4)	AD530-1X 6240S	BOTH	O1	
		Reverse (-83)		189	150	30	S3	(MK1 ,3 ,4)	AD530-1X 6240S	BOTH	O1	

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)		114	250	49	INCL	(MK1 ,3)	8190S	OPP	O1	
		B (55)		125	250	49	INCL	(MK1 ,3)	8190S	OPP	O1	
		C (73)		166	250	49	INCL	(MK1 ,3)	8190S	OPP	O1	
		E (86)		198	225	44	INCL	(MK1 ,3)	8190S	OPP	O1	
		J (95)		216	225	44	INCL	(MK1 ,3)	8190S	OPP	O1	
		O (125)		285	200	39	INCL	(MK1 ,3)	8190S	OPP	O1	
		R (137)		312	200	39	INCL	(MK1 ,3)	8190S	OPP	O1	
		S (150)		342	190	37	INCL	(MK1 ,3)	8190S	OPP	O1	
		T (165)		376	175	34	INCL	(MK1 ,3)	8190S	OPP	O1	
6800		Forward (55)		166	150	30	INCL	(MK1 ,3)	8190S	BOTH	O1	
		Reverse (-52)		189	150	30	INCL	(MK1 ,3)	8190S	BOTH	O1	
8000		Forward (40)		94	500	95	INCL	(MK1 ,3)	8190S	BOTH	O1	
		Reverse (50)		112	500	95	INCL	(MK1 ,3)	8190S	BOTH	O1	


CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)



Mack

T-1070 T-1070B TRDL-1070 TRDLG-1070 TRTXL-1070 TRTXL-1070B **MCK.23**

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
8500		B (57)		86	500	95	INCL	(MK1 ,3)	8190S	OPP	O1	
		C (70)		114	500	95	INCL	(MK1 ,3)	8190S	OPP	O1	
		E (86)		136	480	90	INCL	(MK1 ,3)	8190S	OPP	O1	
		J (105)		169	450	86	INCL	(MK1 ,3)	8190S	OPP	O1	
		O (127)		196	400	76	INCL	(MK1 ,3)	8190S	OPP	O1	
		R (137)		215	360	68	INCL	(MK1 ,3)	8190S	OPP	O1	
		S (150)		235	320	62	INCL	(MK1 ,3)	8190S	OPP	O1	
		T (165)		259	280	54	INCL	(MK1 ,3)	8190S	OPP	O1	

FOOT NOTES:

MK1: Speeds shown with transmission in 5TH Gear. For PTO output speeds with transmission in any other gear use the following multipliers:

1st	2nd	3rd	4th
0.116	0.200	0.353	0.603


MK3: CAUTION: Transmission has a low range compound section. If transmission is operated in this low range, then multiply PTO output speed by .594. This is in addition to any speed reduction in the lower gears.

MK2: Possible internal transmission interference with 4000/4100 Series "J" & "O" ratios. Check before installing PTO.

MK4: PTO should be filled with oil before start-up due to location of PTO opening. Check transmission oil level after initial start-up run.

TMD-12AD

MCK.25

4 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assembly
			Low	High								
	1196K03	100%	70	88	609	84	INCL	(MK27 ,28)	116504	OPP		
	1197K03	130%	91	117	361	52	INCL	(MK27 ,28)	116504	ENG		
	1198K03	132%	92	119	310	42	INCL	(MK27 ,28)	116504	ENG		
	11100K03	172%	120	155	332	46	INCL	(MK27 ,28)	116504	ENG		
	11104K03	185%	130	163	413	57	INCL	(MK27 ,28 ,CLUTCH SHIFT)	116504	ENG		
	11107KXXX		[1]: 59 [2]: 129	[1]: 76 [2]: 166	332 369	64 71	INCL	(MK [1]=SHAFT 1 [2]=SHAFT 2,27,28)	116704	(1)ENG (2)OPP		

FOOT NOTES:

MK27: If Hi/Low speed option is required chassis needs to be ordered with PTO prep package and premium shifter.

MK28: Dealer must flash TCM (Transmission Control Module) for PTO recognition when using factory installed Prep package.



For complete part numbers, consult the PTO Series section (page 25)

TMD-12AO

TMD-12HD

TMD-12HDX

MCK.26

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assembly
			Low	High								
	1196K03	100%	90	115	609	84	INCL	(MK27 ,28)	116504	OPP		
	1197K03	130%	117	150	361	52	INCL	(MK27 ,28)	116504	ENG		
	1198K03	132%	119	152	310	42	INCL	(MK27 ,28)	116504	ENG		
	11100K03	172%	159	198	332	46	INCL	(MK27 ,28)	116504	ENG		
	11104K03	185%	167	213	413	57	INCL	(MK27 ,28 ,CLUTCH SHIFT)	116504	ENG		
	11107KXXX		[1]: 76 [2]: 166	[1]: 97 [2]: 212	332 369	64 71	INCL	(MK [1]=SHAFT 1 [2]=SHAFT 2,27,28)	116704	(1)ENG (2)OPP		

FOOT NOTES:

- MK27:** If Hi/Low speed option is required chassis needs to be ordered with PTO prep package and premium shifter.
- MK28:** Dealer must flash TCM (Transmission Control Module) for PTO recognition when using factory installed Prep package.

////////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //





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Mercedes



MB-1 (ORIGINAL)

MER.01

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	0718203	100%	0	0	435	84	INCL			ENG		
	0714503	132%	0	0	310	60	INCL			OPP		



G20

MER.02

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	0715703	133%	0		310	60	INCL			OPP		

G3 36-5/8.98

MER.03

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	0714003	130%	51	0	361	70	INCL			OPP		
	073503	132%	52	0	310	60	INCL			OPP		
	0717603	172%	68	0	332	64	INCL			OPP		



For complete part numbers, consult the PTO Series section (page 25)

Mercedes

G4 65-7/11



G4 95-7/11

MER.04

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	0718403	100%	41	0	516	100	INCL			ENG		
	0710703	130%	53	0	361	70	INCL			OPP		
	074103	132%	54	0	310	60	INCL			OPP		
	079203	165%	67	0	310	60	INCL			ENG		
	0714903	172%	70	0	332	64	INCL			OPP		
	077503	200%	82	0	310	60	INCL			ENG		



G3 50-5/8.5

MER.05

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	0714003	130%	55	0	361	70	INCL			OPP		
	073503	132%	55	0	310	60	INCL			OPP		
	0717603	172%	72	0	332	64	INCL			OPP		

G100

MER.06

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	0718103	100%	42	50	516	100	INCL			ENG		
	0710403	130%	55	65	420	81	INCL			OPP		
	078203	132%	55	66	310	60	INCL			OPP		
	078503	140%	59	70	310	60	INCL			ENG		
	078403	165%	69	82	310	60	INCL			ENG		
	0715003	172%	72	86	332	64	INCL			OPP		
	078603	200%	84	100	310	60	INCL			ENG		

For complete part numbers, consult the PTO Series section (page 25)

Mercedes

Mercedes



G60-6/9.2



G71-6/9.20-1.0

MBT-520-6DA

MBT-520S-6D

MER.07



	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1010		C (73)	53		250	47	M1			OPP	70	
		E (86)	63		225	43	M1			OPP	70	
		J (95)	69		225	43	M1			OPP	70	
		O (125)	90		195	37	M1			OPP	70	
		R (137)	99		180	34	M1			OPP	70	
		S (150)	108		162	31	M1			OPP	70	
		T (165)	119		148	28	M1			OPP	70	

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
0712103		130%	58	0	361	70	INCL			OPP		
076003		132%	59	0	310	60	INCL			OPP		
0717803		140%	63	0	310	60	INCL			ENG		
0715603		172%	77	0	332	64	INCL			OPP		
077403		200%	90	0	310	60	INCL			ENG		

G3 45-6/8.5

G3 55-6/8.5

MER.08

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
0714003		130%	60	0	361	70	INCL			OPP		
073503		132%	61	0	310	60	INCL			OPP		
0717603		172%	79	0	332	64	INCL			OPP		

For complete part numbers, consult the PTO Series section (page 25)





Mercedes

G4 110-6/9

G4 65-6/9

G4 95-6/9

MER.09



	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	0718403	100%	47	0	516	100	INCL			ENG		
	0710703	130%	61	0	361	70	INCL			OPP		
	074103	132%	62	0	310	60	INCL			OPP		
	079203	165%	77	0	310	60	INCL			ENG		
	0714903	172%	81	0	332	64	INCL			OPP		
	077503	200%	94	0	310	60	INCL			ENG		

GV4 110-6/9

GV4 65-6/9

GV4 95-6/9



MER.10

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	0718403	100%	47	56	516	100	INCL			ENG		
	0710703	130%	61	73	361	70	INCL			OPP		
	074103	132%	62	74	310	60	INCL			OPP		
	079203	165%	77	93	310	60	INCL			ENG		
	0714903	172%	81	97	332	64	INCL			OPP		
	077503	200%	94	112	310	60	INCL			ENG		

G3 40-5/7.508

G3 60-5/7.5

MER.11

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	0714003	130%	61	0	361	70	INCL			OPP		
	073503	132%	62	0	310	60	INCL			OPP		
	0717603	172%	81	0	332	64	INCL			OPP		



For complete part numbers, consult the PTO Series section (page 25)



Mercedes

Mercedes

G140-8



MER.12

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	0718103	100%	48	76	516	100	INCL			ENG		
	0710403	130%	62	99	420	81	INCL			OPP		
	078203	132%	63	100	310	60	INCL			OPP		
	078503	140%	67	106	310	60	INCL			ENG		
	078403	165%	79	125	310	60	INCL			ENG		
	0715003	172%	83	131	332	64	INCL			OPP		
	078603	200%	96	152	310	60	INCL			ENG		

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1200	C (73)	60			250	47	INCL	(MB3) DODGE		OPP	69	
	E (86)	70			225	43	INCL	(MB3) DODGE		OPP	69	
	J (95)	77			225	43	INCL	(MB3) DODGE		OPP	69	
	O (125)	101			200	38	INCL	(MB3) DODGE		OPP	69	
	R (137)	111			200	38	INCL	(MB3) DODGE		OPP	69	
	S (150)	121			190	36	INCL	(MB3) DODGE		OPP	69	
	T (165)	134			175	33	INCL	(MB3) DODGE		OPP	69	

G56-6/6.29-078.

MER.13

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	0716303	132%	74	0	258	50	INCL			OPP		
	0720303	172%	96	0	332	64	INCL			OPP		

For complete part numbers, consult the PTO Series section (page 25)





Mercedes

Mercedes



G3 61-5/6.1

MER.14

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	0714003	130%	75	0	361	70	INCL			OPP		
	073503	132%	76	0	310	60	INCL			OPP		
	0717603	172%	99	0	332	64	INCL			OPP		

G3 60-5/6.106

MER.15

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	0714003	130%	75	0	361	70	INCL			OPP		
	073503	132%	77	0	310	60	INCL			OPP		
	0717603	172%	100	0	332	64	INCL			OPP		



G85-6/6.7

G90-6/6.70-0.73

MBT-660-60A

MBT-660S-60

MER.16



	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	0712103	130%	81	0	361	70	INCL			OPP		
	076003	132%	82	0	310	60	INCL			OPP		
	0717803	140%	87	0	310	60	INCL			ENG		
	0715603	172%	107	0	332	64	INCL			OPP		
	077403	200%	125	0	310	60	INCL			ENG		

For complete part numbers, consult the PTO Series section (page 25)

Mercedes

G3 60-5/5.4

MER.17

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	0714003	130%	84	0	361	70	INCL			OPP		
	073503	132%	86	0	310	60	INCL			OPP		
	0717603	172%	112	0	332	64	INCL			OPP		



G3 65-8/9.29

G3 65-9/13.36

G3 90-8/9.29

G3 90-9/13.36

MER.18



	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	070803	132%	70	0	310	60	INCL			OPP		

G141-9/14.57-1.0

G231-16/17.0

G241-16K/17.0-1.0

MER.19

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	07217K03	100%	71	85	516	100	INCL		L=252 700904 L=277 703704	ENG		
	07233K03	104%	74	88	590	114	INCL		L=252 700904 L=277 703704	OPP		
	07221K03	110%	68	82	369	71	INCL		L=252 700904 L=277 703704	OPP		
	07225K03	126%	89	107	516	100	INCL		L=252 700904 L=277 703704	OPP		
	07218K03	130%	92	110	420	81	INCL		L=252 700904 L=277 703704	OPP		
	07219K03	132%	94	112	310	60	INCL		L=252 700904 L=277 703704	OPP		
	07220K03	153%	109	130	310	60	INCL		L=252 700904 L=277 703704	OPP		
	07222K03	172%	122	146	332	64	INCL		L=252 700904 L=277 703704	OPP		
	07232K03	185%	131	157	369	71	INCL	BUILT-IN CLUTCH	L=252 700904 L=277 703704	OPP		
	07223K03	200%	142	170	310	60	INCL		L=252 700904 L=277 703704	ENG		



Important Note: All shown references are Base PTO Kits. For a full PTO is also required an adapter shaft kit. (See adapters).

For complete part numbers, consult the PTO Series section (page 25)

Mercedes

G131-9/14.57-1.0



MER.20

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	07217K03	100%	74	0	516	100	INCL		L=252 700904 L=277 703704	ENG		
	07221K03	110%	71	0	369	71	INCL		L=252 700904 L=277 703704	OPP		
	07225K03	126%	93	0	516	100	INCL		L=252 700904 L=277 703704	OPP		
	07218K03	130%	96	0	420	81	INCL		L=252 700904 L=277 703704	OPP		
	07219K03	132%	98	0	310	60	INCL		L=252 700904 L=277 703704	OPP		
	07220K03	153%	113	0	310	60	INCL		L=252 700904 L=277 703704	OPP		
	07222K03	172%	127	0	332	64	INCL		L=252 700904 L=277 703704	OPP		

Important Note: All shown references are Base PTO Kits. For a full PTO is also required an adapter shaft kit. (See adapters).

G221-9/16.15-1.0

MER.21

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	07217K03	100%	74	0	516	100	INCL		L=252 700904 L=277 703704	ENG		
	07233K03	104%	77	0	590	114	INCL		L=252 700904 L=277 703704	OPP		
	07221K03	110%	71	0	369	71	INCL		L=252 700904 L=277 703704	OPP		
	07225K03	126%	93	0	516	100	INCL		L=252 700904 L=277 703704	OPP		
	07218K03	130%	96	0	420	81	INCL		L=252 700904 L=277 703704	OPP		
	07219K03	132%	98	0	310	60	INCL		L=252 700904 L=277 703704	OPP		
	07220K03	153%	113	0	310	60	INCL		L=252 700904 L=277 703704	OPP		
	07222K03	172%	127	0	332	64	INCL		L=252 700904 L=277 703704	OPP		
	07232K03	185%	137	0	369	71	INCL	BUILT-IN CLUTCH	L=252 700904 L=277 703704	OPP		
	07223K03	200%	148	0	310	60	INCL		L=252 700904 L=277 703704	ENG		

Important Note: All shown references are Base PTO Kits. For a full PTO is also required an adapter shaft kit. (See adapters).

For complete part numbers, consult the PTO Series section (page 25)

Mercedes



Mercedes

G125-16/14

G155-16/14

G180-16/14



MER.22

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	075703	132%	107	126	310	60	INCL			OPP		
	077603	165%	133	158	310	60	INCL			ENG		
	075403	200%	161	192	310	60	INCL			ENG		

G281-12/14.93-1.0 NewAMT

G281-12K/14.93-1.0

MER.23

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	07217K03	100%	81	103	516	100	INCL		L=293 7018104 L=268 7018304	ENG		
	07233K03	104%	84	107	590	114	INCL		L=293 7018104 L=268 7018304	OPP		
	07221K03	110%	89	113	369	71	INCL		L=293 7018104 L=268 7018304	OPP		
	07225K03	126%	102	130	516	100	INCL		L=293 7018104 L=268 7018304	OPP		
	07218K03	130%	105	134	420	81	INCL		L=293 7018104 L=268 7018304	OPP		
	07219K03	132%	107	136	310	60	INCL		L=293 7018104 L=268 7018304	OPP		
	07220K03	153%	124	158	310	60	INCL		L=293 7018104 L=268 7018304	OPP		
	07222K03	172%	139	177	332	64	INCL		L=293 7018104 L=268 7018304	OPP		
	07232K03	185%	150	191	369	71	INCL	BUILT-IN CLUTCH	L=293 7018104 L=268 7018304	OPP		
	07223K03	200%	162	206	310	60	INCL		L=293 7018104 L=268 7018304	ENG		

Important Note: All shown references are Base PTO Kits. For a full PTO is also required an adapter shaft kit. (See adapters).

For complete part numbers, consult the PTO Series section (page 25)





Mercedes

Mercedes

G210-16/14.2-0.83



MER.24

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	07217K03	100%	85	103	516	100	INCL		L=252 700904 L=277 703704	ENG		
	07233K03	104%	88	107	590	114	INCL		L=252 700904 L=277 703704	OPP		
	07221K03	110%	82	99	369	71	INCL		L=252 700904 L=277 703704	OPP		
	07225K03	126%	107	130	516	100	INCL		L=252 700904 L=277 703704	OPP		
	07218K03	130%	110	134	420	81	INCL		L=252 700904 L=277 703704	OPP		
	07219K03	132%	112	136	310	60	INCL		L=252 700904 L=277 703704	OPP		
	07220K03	153%	130	158	310	60	INCL		L=252 700904 L=277 703704	OPP		
	07222K03	172%	146	177	332	64	INCL		L=252 700904 L=277 703704	OPP		
	07232K03	185%	157	191	369	71	INCL	BUILT-IN CLUTCH	L=252 700904 L=277 703704	OPP		
	07223K03	200%	170	206	310	60	INCL		L=252 700904 L=277 703704	ENG		

G125-9/15.9



G155-9/15.9

MER.25

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	075703	132%	114	0	310	60	INCL			OPP		
	077603	165%	142	0	310	60	INCL			ENG		
	075403	200%	172	0	310	60	INCL			ENG		

G2/24-5/7.31

MER.26

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	079103	133%	117	0	206	40	INCL			OPP		

For complete part numbers, consult the PTO Series section (page 25)

Mercedes

G28

G32

G33

MER.27

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	075203	100%	90	0	140	27	INCL	SUPPORTED BY BALL BEARING		ENG		
	075303	100%	90	0	140	27	INCL	SUPPORTED BY TAPER ROLLER BEARING		ENG		

NSG 370-6

NSG 400-6

TSG 360





TSG 480

MER.28

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	0717403	100%	90	0	140	27	INCL	SUPPORTED BY TAPER ROLLER BEARING		ENG		
	0717503	100%	90	0	140	27	INCL	SUPPORTED BY BALL BEARING		ENG		



G200-16/11.9

MER.29

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	075703	132%	125	149	310	60	INCL			OPP		
	077603	165%	157	186	310	60	INCL			ENG		
	075403	200%	190	225	310	60	INCL			ENG		

G2/24-5/6.71

MER.30

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	079103	133%	127	0	206	40	INCL			OPP		

For complete part numbers, consult the PTO Series section (page 25)

Mercedes



G125-16/11.9

G135-16/11.9

G155-16/11.9

G180-16/11.9

MER.31



	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	075703	132%	126	149	310	60	INCL			OPP		
	077603	165%	158	186	310	60	INCL			ENG		
	075403	200%	192	226	310	60	INCL			ENG		

G240-16/11.7

G280-16/11.72-0.69 NewAMT

G280-16K/11.72-0.69

MER.32

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	07217K03	100%	103	124	516	100	INCL		L=252 700904 L=277 703704	ENG		
	07233K03	104%	107	129	590	114	INCL		L=252 700904 L=277 703704	OPP		
	07221K03	110%	113	136	369	71	INCL		L=252 700904 L=277 703704	OPP		
	07225K03	126%	130	156	516	100	INCL		L=252 700904 L=277 703704	OPP		
	07218K03	130%	134	161	420	81	INCL		L=252 700904 L=277 703704	OPP		
	07219K03	132%	136	164	310	60	INCL		L=252 700904 L=277 703704	OPP		
	07220K03	153%	158	190	310	60	INCL		L=252 700904 L=277 703704	OPP		
	07222K03	172%	177	213	332	64	INCL		L=252 700904 L=277 703704	OPP		
	07232K03	185%	191	229	369	71	INCL	BUILT-IN CLUTCH	L=252 700904 L=277 703704	OPP		
	07223K03	200%	206	248	310	60	INCL		L=252 700904 L=277 703704	ENG		

Important Note: All shown references are Base PTO Kits. For a full PTO is also required an adapter shaft kit. (See adapters).

For complete part numbers, consult the PTO Series section (page 25)

Mercedes



Mercedes

G230-12/11.67-0.78 NewAMT
G230-12K/11.67-0.78

G230-16S/14.2-0.83
G330-12/11.64-0.78 NewAMT

G330-12K/11.64-0.78



MER.33

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
07217K03		100%	103	132	516	100	INCL		L=252 700904 L=277 703704	ENG		
07233K03		104%	107	137	590	114	INCL		L=252 700904 L=277 703704	OPP		
07221K03		110%	113	145	369	71	INCL		L=252 700904 L=277 703704	OPP		
07225K03		126%	130	166	516	100	INCL		L=252 700904 L=277 703704	OPP		
07218K03		130%	134	172	420	81	INCL		L=252 700904 L=277 703704	OPP		
07219K03		132%	136	174	310	60	INCL		L=252 700904 L=277 703704	OPP		
07220K03		153%	158	202	310	60	INCL		L=252 700904 L=277 703704	OPP		
07222K03		172%	177	227	332	64	INCL		L=252 700904 L=277 703704	OPP		
07232K03		185%	191	244	369	71	INCL	BUILT-IN CLUTCH	L=252 700904 L=277 703704	OPP		
07223K03		200%	206	264	310	60	INCL		L=252 700904 L=277 703704	ENG		

Important Note: All shown references are Base PTO Kits. For a full PTO is also required an adapter shaft kit. (See adapters).

G260-16/9.75-0.57

MER.34

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
07217K03		100%	124	150	516	100	INCL		L=252 700904 L=277 703704	ENG		
07233K03		104%	129	156	590	114	INCL		L=252 700904 L=277 703704	OPP		
07221K03		110%	119	144	369	71	INCL		L=252 700904 L=277 703704	OPP		
07225K03		126%	156	189	516	100	INCL		L=252 700904 L=277 703704	OPP		
07218K03		130%	161	195	420	81	INCL		L=252 700904 L=277 703704	OPP		
07219K03		132%	164	198	310	60	INCL		L=252 700904 L=277 703704	OPP		
07220K03		153%	190	230	310	60	INCL		L=252 700904 L=277 703704	OPP		
07222K03		172%	213	258	332	64	INCL		L=252 700904 L=277 703704	OPP		
07232K03		185%	229	278	369	71	INCL	BUILT-IN CLUTCH	L=252 700904 L=277 703704	OPP		
07223K03		200%	248	300	310	60	INCL		L=252 700904 L=277 703704	ENG		

Important Note: All shown references are Base PTO Kits. For a full PTO is also required an adapter shaft kit. (See adapters).

For complete part numbers, consult the PTO Series section (page 25)




Mercedes

G211-12/14.93-1.0 NewAMT

G211-12K/14.93-1.0



MER.35

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	07217K03	100%	81	103	516	100	INCL		L=252 700904 L=277 703704	ENG		
	07233K03	104%	84	107	590	114	INCL		L=252 700904 L=277 703704	OPP		
	07221K03	110%	89	113	369	71	INCL		L=252 700904 L=277 703704	OPP		
	07225K03	126%	102	130	516	100	INCL		L=252 700904 L=277 703704	OPP		
	07218K03	130%	105	134	420	81	INCL		L=252 700904 L=277 703704	OPP		
	07219K03	132%	107	136	310	60	INCL		L=252 700904 L=277 703704	OPP		
	07220K03	153%	124	158	310	60	INCL		L=252 700904 L=277 703704	OPP		
	07222K03	172%	139	177	332	64	INCL		L=252 700904 L=277 703704	OPP		

Important Note: All shown references are Base PTO Kits. For a full PTO is also required an adapter shaft kit. (See adapters).

G211-16/17.0

MER.36

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	07217K03	100%	71	85	516	100	INCL		L=252 700904 L=277 703704	ENG		
	07233K03	104%	74	88	590	114	INCL		L=252 700904 L=277 703704	OPP		
	07221K03	110%	78	93	369	71	INCL		L=252 700904 L=277 703704	OPP		
	07225K03	126%	89	107	516	100	INCL		L=252 700904 L=277 703704	OPP		
	07218K03	130%	92	110	420	81	INCL		L=252 700904 L=277 703704	OPP		
	07219K03	132%	94	112	310	60	INCL		L=252 700904 L=277 703704	OPP		
	07220K03	153%	109	130	310	60	INCL		L=252 700904 L=277 703704	OPP		
	07222K03	172%	122	146	332	64	INCL		L=252 700904 L=277 703704	OPP		

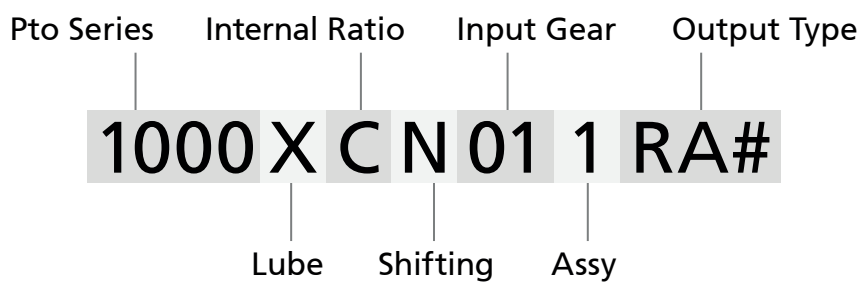
Important Note: All shown references are Base PTO Kits. For a full PTO is also required an adapter shaft kit. (See adapters).

For complete part numbers, consult the PTO Series section (page 25)

New Process Index

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542-CL	270
542-DD	272
542-DL	271
542-FD	272
542-FL	271
542-GD	272
542-GL	270

EXAMPLE:










New Process

542-CL

542-GL

NPR.04

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		21	250	47	INCL			ENG	01	
		C (73)		28	250	47	INCL			ENG	01	
		E (86)		34	225	43	INCL			ENG	01	
		J (95)		37	225	43	INCL			ENG	01	
		O (125)		48	195	37	INCL			ENG	01	
		R (137)		53	180	34	INCL			ENG	01	
		S (150)		58	162	31	INCL			ENG	01	
		T (165)		64	148	28	INCL			ENG	01	
1000		B (55)		21	250	47	S3		61875	OPP	36	
		C (73)		28	250	47	S3		61875	OPP	36	
		E (86)		34	225	43	S3		61875	OPP	36	
		J (95)		37	225	43	S3		61875	OPP	36	
		O (125)		48	195	37	S3		61875	OPP	36	
		R (137)		53	180	34	S3		61875	OPP	36	
		S (150)		58	162	31	S3		61875	OPP	36	
		T (165)		64	148	28	S3		61875	OPP	36	
3200		Z (40)		18	250	47	INCL			ENG	01	
		A (50)		22	250	47	INCL			ENG	01	
		B (55)		24	250	47	INCL			ENG	01	
		C (73)		32	250	47	INCL			ENG	01	
		E (86)		39	225	43	INCL			ENG	01	
		J (95)		42	225	43	INCL			ENG	01	
		O (125)		56	195	37	INCL			ENG	01	
		R (137)		61	180	34	INCL			ENG	01	
		S (150)		67	162	31	INCL			ENG	01	
	T (165)		73	148	28	INCL			ENG	01		
3200		Z (40)		18	250	47	S3		61875	OPP	36	
		A (50)		22	250	47	S3		61875	OPP	36	
		B (55)		24	250	47	S3		61875	OPP	36	
		C (73)		32	250	47	S3		61875	OPP	36	
		E (86)		39	225	43	S3		61875	OPP	36	
		J (95)		42	225	43	S3		61875	OPP	36	
		O (125)		56	195	37	S3		61875	OPP	36	
		R (137)		61	180	34	S3		61875	OPP	36	
		S (150)		67	162	31	S3		61875	OPP	36	
	T (165)		73	148	28	S3		61875	OPP	36		
6000		Forward (73)		32	150	28	INCL			BOTH	01	
		Reverse (83)		37	150	28	INCL			BOTH	01	
6000		Forward (73)		32	150	28	S3		61875	BOTH	36	
		Reverse (83)		37	150	28	S3		61875	BOTH	36	

For complete part numbers, consult the PTO Series section (page 25)










New Process

New Process

542-DL

542-FL

NPR.05

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		21	250	47	INCL			ENG	01	
		C (73)		28	250	47	INCL			ENG	01	
		E (86)		34	225	43	INCL			ENG	01	
		J (95)		37	225	43	INCL			ENG	01	
		O (125)		48	195	37	INCL			ENG	01	
		R (137)		53	180	34	INCL			ENG	01	
		S (150)		58	162	31	INCL			ENG	01	
		T (165)		64	148	28	INCL			ENG	01	
1000		B (55)		20	250	47	INCL		GA6062	OPP	36	
		C (73)		27	250	47	INCL		GA6062	OPP	36	
		E (86)		32	225	43	INCL		GA6062	OPP	36	
		J (95)		35	225	43	INCL		GA6062	OPP	36	
		O (125)		46	195	37	INCL		GA6062	OPP	36	
		R (137)		50	180	34	INCL		GA6062	OPP	36	
		S (150)		55	162	31	INCL		GA6062	OPP	36	
		T (165)		61	148	28	INCL		GA6062	OPP	36	
3200		Z (40)		18	250	47	INCL			ENG	01	
		A (50)		22	250	47	INCL			ENG	01	
		B (55)		24	250	47	INCL			ENG	01	
		C (73)		32	250	47	INCL			ENG	01	
		E (86)		39	225	43	INCL			ENG	01	
		J (95)		42	225	43	INCL			ENG	01	
		O (125)		56	195	37	INCL			ENG	01	
		R (137)		61	180	34	INCL			ENG	01	
		S (150)		67	162	31	INCL			ENG	01	
3200		T (165)		73	148	28	INCL			ENG	01	
		Z (40)		18	250	47	INCL		GA6062	OPP	36	
		A (50)		22	250	47	INCL		GA6062	OPP	36	
		B (55)		24	250	47	INCL		GA6062	OPP	36	
		C (73)		32	250	47	INCL		GA6062	OPP	36	
		E (86)		39	225	43	INCL		GA6062	OPP	36	
		J (95)		42	225	43	INCL		GA6062	OPP	36	
		O (125)		56	195	37	INCL		GA6062	OPP	36	
		R (137)		61	180	34	INCL		GA6062	OPP	36	
6000		Forward (73)		32	150	28	INCL			BOTH	01	
		Reverse (83)		37	150	28	INCL			BOTH	01	
6000		Forward (73)		32	150	28	INCL		GA6062	BOTH	36	
		Reverse (83)		37	150	28	INCL		GA6062	BOTH	36	

New Process

For complete part numbers, consult the PTO Series section (page 25)

New Process








542-CD

542-DD

542-FD

542-GD

NPR.07

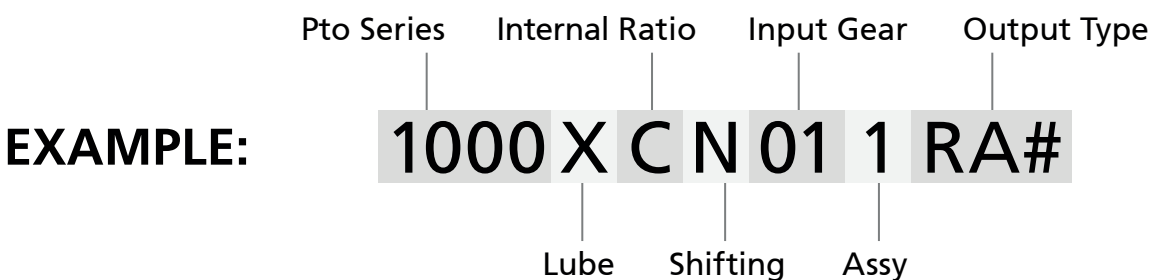
	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		25	250	47	INCL			ENG	01	
		C (73)		33	250	47	INCL			ENG	01	
		E (86)		40	225	43	INCL			ENG	01	
		J (95)		43	225	43	INCL			ENG	01	
		O (125)		57	195	37	INCL			ENG	01	
		R (137)		62	180	34	INCL			ENG	01	
		S (150)		68	162	31	INCL			ENG	01	
		T (165)		75	148	28	INCL			ENG	01	
1000		B (55)		25	250	47	S3		61875	OPP	36	
		C (73)		33	250	47	S3		61875	OPP	36	
		E (86)		40	225	43	S3		61875	OPP	36	
		J (95)		43	225	43	S3		61875	OPP	36	
		O (125)		57	195	37	S3		61875	OPP	36	
		R (137)		62	180	34	S3		61875	OPP	36	
		S (150)		68	162	31	S3		61875	OPP	36	
		T (165)		75	148	28	S3		61875	OPP	36	
3200		Z (40)		21	250	47	INCL			ENG	01	
		A (50)		26	250	47	INCL			ENG	01	
		B (55)		29	250	47	INCL			ENG	01	
		C (73)		38	250	47	INCL			ENG	01	
		E (86)		46	225	43	INCL			ENG	01	
		J (95)		50	225	43	INCL			ENG	01	
		O (125)		65	195	37	INCL			ENG	01	
		R (137)		72	180	34	INCL			ENG	01	
		S (150)		78	162	31	INCL			ENG	01	
	T (165)		86	148	28	INCL			ENG	01		
3200		Z (40)		21	250	47	S3		61875	OPP	36	
		A (50)		26	250	47	S3		61875	OPP	36	
		B (55)		29	250	47	S3		61875	OPP	36	
		C (73)		38	250	47	S3		61875	OPP	36	
		E (86)		46	225	43	S3		61875	OPP	36	
		J (95)		50	225	43	S3		61875	OPP	36	
		O (125)		65	195	37	S3		61875	OPP	36	
		R (137)		72	180	34	S3		61875	OPP	36	
		S (150)		78	162	31	S3		61875	OPP	36	
	T (165)		86	148	28	S3		61875	OPP	36		
6000		Forward (73)		38	150	28	INCL			BOTH	01	
		Reverse (83)		43	150	28	INCL			BOTH	01	
6000		Forward (73)		38	150	28	S3		61875	BOTH	36	
		Reverse (83)		43	150	28	S3		61875	BOTH	36	

For complete part numbers, consult the PTO Series section (page 25)



New Venture Index





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New Venture

241 HD Trans case

NVR.01

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		35	250	49	INCL	(NV1)	GA6032	ENG	01	
		C (73)		46	250	49	INCL	(NV1)	GA6032	ENG	01	
		E (86)		55	225	44	INCL	(NV1)	GA6032	ENG	01	
		J (95)		60	225	44	INCL	(NV1)	GA6032	ENG	01	
		O (125)		79	200	39	INCL	(NV1)	GA6032	ENG	01	
		R (137)		87	200	39	INCL	(NV1)	GA6032	ENG	01	
		S (150)		95	190	37	INCL	(NV1)	GA6032	ENG	01	
		T (165)		105	175	34	INCL	(NV1)	GA6032	ENG	01	
3200		Z (40)		25	250	49	INCL	(NV1)	GA6032	ENG	01	
		A (50)		32	250	49	INCL	(NV1)	GA6032	ENG	01	
		B (55)		35	250	49	INCL	(NV1)	GA6032	ENG	01	
		C (73)		46	250	49	INCL	(NV1)	GA6032	ENG	01	
		E (86)		55	225	44	INCL	(NV1)	GA6032	ENG	01	
		J (95)		60	225	44	INCL	(NV1)	GA6032	ENG	01	
		O (125)		79	200	39	INCL	(NV1)	GA6032	ENG	01	
		R (137)		87	200	39	INCL	(NV1)	GA6032	ENG	01	
		S (150)		95	190	37	INCL	(NV1)	GA6032	ENG	01	
	T (165)		105	175	34	INCL	(NV1)	GA6032	ENG	01		
6000		Forward (73)		46	150	30	INCL	(NV1)	GA6032	BOTH	01	
		Reverse (83)		53	150	30	INCL	(NV1)	GA6032	BOTH	01	

FOOT NOTES:

NV1: Speeds shown with main transmission in direct drive. By the shifting of the main transmission, Reverse and all ratios of the transmission are available through the PTO.





For complete part numbers, consult the PTO Series section (page 25)



New Venture

NV-4500 (CHEVY - BEFORE FEB/94)

NVR.02

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		41	250	49	INCL	(NV3,4,5)		OPP	20	
		C (73)		54	250	49	INCL	(NV3,4,5)		OPP	20	
		E (86)		65	225	44	INCL	(NV3,4,5)		OPP	20	
		J (95)		71	225	44	INCL	(NV3,4,5)		OPP	20	
		O (125)		93	200	39	INCL	(NV3,4,5)		OPP	20	
		R (137)		102	200	39	INCL	(NV3,4,5)		OPP	20	
		S (150)		112	190	37	INCL	(NV3,4,5)		OPP	20	
		T (165)		123	175	34	INCL	(NV3,4,5)		OPP	20	
3200		Z (40)		30	250	49	INCL	(NV3,4,5)		OPP	20	
		A (50)		37	250	49	INCL	(NV3,4,5)		OPP	20	
		B (55)		41	250	49	INCL	(NV3,4,5)		OPP	20	
		C (73)		54	250	49	INCL	(NV3,4,5)		OPP	20	
		E (86)		65	225	44	INCL	(NV3,4,5)		OPP	20	
		J (95)		71	225	44	INCL	(NV3,4,5)		OPP	20	
		O (125)		93	200	39	INCL	(NV3,4,5)		OPP	20	
		R (137)		102	200	39	INCL	(NV3,4,5)		OPP	20	
6000		Forward (73)		54	150	30	INCL	(NV3,4,5)		BOTH	20	
		Reverse (83)		62	150	30	INCL	(NV3,4,5)		BOTH	20	

FOOT NOTES:

- NV3:** Right side exhaust interference with GM Vortec gas engines.
- NV4:** Driveshaft interference on 4 X 4 vehicles on left side.
- NV5:** If magnet is found on inside of the aperture cover removed for PTO installation, then move that cover to other side.

For complete part numbers, consult the PTO Series section (page 25)

New Venture

4500 HD (DODGE)
NV-4500 (CHEVY - After FEB/94)

NV-4500 (DODGE - After FEB/94)
NVG-4500 (CHEVY - After FEB/94)

NVR.03

6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000	B (55)		43		250	49	INCL	(NV2,3,5)		OPP	20	
	C (73)		58		250	49	INCL	(NV2,3,5)		OPP	20	
	E (86)		69		225	44	INCL	(NV2,3,5)		OPP	20	
	J (95)		75		225	44	INCL	(NV2,3,5)		OPP	20	
	O (125)		99		200	39	INCL	(NV2,3,5)		OPP	20	
	R (137)		108		200	39	INCL	(NV2,3,5)		OPP	20	
	S (150)		118		190	37	INCL	(NV2,3,5)		OPP	20	
	T (165)		130		175	34	INCL	(NV2,3,5)		OPP	20	
3200	Z (40)		32		250	49	INCL	(NV2,3,5)		OPP	20	
	A (50)		39		250	49	INCL	(NV2,3,5)		OPP	20	
	B (55)		43		250	49	INCL	(NV2,3,5)		OPP	20	
	C (73)		58		250	49	INCL	(NV2,3,5)		OPP	20	
	E (86)		69		225	44	INCL	(NV2,3,5)		OPP	20	
	J (95)		75		225	44	INCL	(NV2,3,5)		OPP	20	
	O (125)		99		200	39	INCL	(NV2,3,5)		OPP	20	
	R (137)		108		200	39	INCL	(NV2,3,5)		OPP	20	
	S (150)		118		190	37	INCL	(NV2,3,5)		OPP	20	
	T (165)		130		175	34	INCL	(NV2,3,5)		OPP	20	
6000	Forward (73)		58		150	30	INCL	(NV2,4,5)		BOTH	20	
	Reverse (83)		65		150	30	INCL	(NV2,4,5)		BOTH	20	

FOOT NOTES:

- NV2:** Chevy/GMC build date of 2/17/94 and later.
- NV3:** Right side exhaust interference with GM Vortec gas engines.
- NV4:** Driveshaft interference on 4 X 4 vehicles on left side.
- NV5:** If magnet is found on inside of the aperture cover removed for PTO installation, then move that cover to other side.





For complete part numbers, consult the PTO Series section (page 25)



New Venture

NV-021

NVR.05

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		95	250	49	INCL	(NV1)	GA6032	ENG	01	
		C (73)		126	250	49	INCL	(NV1)	GA6032	ENG	01	
		E (86)		150	225	44	INCL	(NV1)	GA6032	ENG	01	
		J (95)		164	225	44	INCL	(NV1)	GA6032	ENG	01	
		O (125)		216	200	39	INCL	(NV1)	GA6032	ENG	01	
		R (137)		237	200	39	INCL	(NV1)	GA6032	ENG	01	
		S (150)		259	190	37	INCL	(NV1)	GA6032	ENG	01	
		T (165)		285	175	34	INCL	(NV1)	GA6032	ENG	01	
3200		Z (40)		69	250	49	INCL	(NV1)	GA6032	ENG	01	
		A (50)		86	250	49	INCL	(NV1)	GA6032	ENG	01	
		B (55)		95	250	49	INCL	(NV1)	GA6032	ENG	01	
		C (73)		126	250	49	INCL	(NV1)	GA6032	ENG	01	
		E (86)		150	225	44	INCL	(NV1)	GA6032	ENG	01	
		J (95)		164	225	44	INCL	(NV1)	GA6032	ENG	01	
		O (125)		216	200	39	INCL	(NV1)	GA6032	ENG	01	
		R (137)		237	200	39	INCL	(NV1)	GA6032	ENG	01	
6000		Forward (73)		126	150	30	INCL	(NV1)	GA6032	BOTH	01	
		Reverse (83)		143	150	30	INCL	(NV1)	GA6032	BOTH	01	

FOOT NOTES:

NV1: Speeds shown with main transmission in direct drive. By the shifting of the main transmission, Reverse and all ratios of the transmission are available through the PTO.

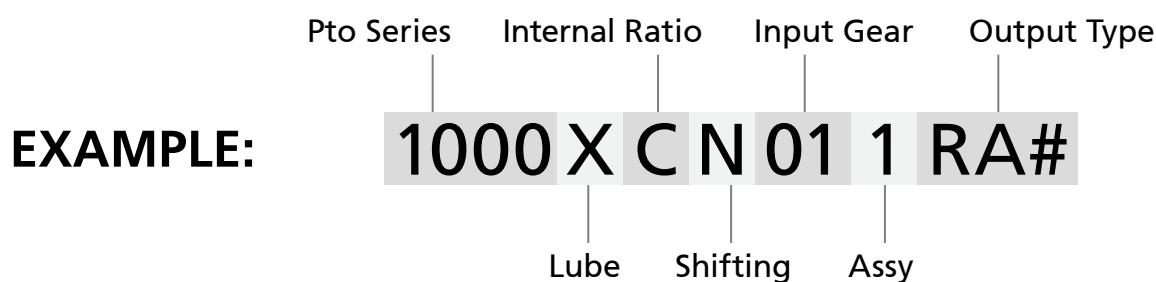
For complete part numbers, consult the PTO Series section (page 25)



New Venture

Rockwell-ZF- Meritor Index

Transmission Model	Pag.	Transmission Model	Pag.	Transmission Model	Pag.
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M-11F9A-S11	282	M-14G9A-E14	282	MO-12F9B-S12	285
M-11F10A-E11	282	M-14G9A-M14	282	MO-12F10A-E12	291
M-11F10A-S11	282	M-14G9A-S14	282	MO-12F10A-S12	291
M-11G9A-D11	282	M-14G10A-D14	282	MO-12F10C-E12	288
M-11G9A-E11	282	M-14G10A-D16	282	MO-12F10C-S12	288
M-11G9A-M11	282	M-14G10A-E14	282	MO-12G9A-D12	291
M-11G9A-S11	282	M-14G10A-E16	282	MO-12G9A-E12	291
M-11G10A-D11	282	M-14G10A-M14	282	MO-12G9A-M12	291
M-11G10A-E11	282	M-14G10A-M16	282	MO-12G9A-S12	291
M-11G10A-M11	282	M-14G10A-S14	282	MO-12G9B-D12	285
M-11G10A-S11	282	M-14G10A-S16	282	MO-12G9B-E12	285
M-12F9A-E12	282	M-14Z12A-A14	294	MO-12G9B-M12	285
M-12F9A-S12	282	M-15F10A-E15	282	MO-12G9B-S12	285
M-12F10A-E12	282	M-15F10A-S15	282	MO-12G9R-M12	291
M-12F10A-S12	282	M-15G9A-D15	282	MO-12G10A-D12	291
M-12G9A-D12	282	M-15G9A-E15	282	MO-12G10A-E12	291
M-12G9A-E12	282	M-15G9A-M15	282	MO-12G10A-M12	291
M-12G9A-M12	282	M-15G9A-S15	282	MO-12G10A-S12	291
M-12G9A-S12	282	M-15G10A-D15	282	MO-12G10C-D12	288
M-12G10A-D12	282	M-15G10A-E15	282	MO-12G10C-E12	288
M-12G10A-E12	282	M-15G10A-M15	282	MO-12G10C-M12	288
M-12G10A-M12	282	M-15G10A-S15	282	MO-12G10C-S12	288
M-12G10A-S12	282	MO-11F9B-E11	285	MO-13F9A-E13	291
M-13F9A-E13	282	MO-11F9B-S11	285	MO-13F9A-S13	291
M-13F9A-S13	282	MO-11F10A-S11	291	MO-13F9B-E13	285
M-13F10A-E13	282	MO-11F10C-E11	288	MO-13F9B-S13	285
M-13F10A-S13	282	MO-11F10C-S11	288	MO-13F10A-E13	291
M-13G9A-D13	282	MO-11G9B-D11	285	MO-13F10A-S13	291
M-13G9A-E13	282	MO-11G9B-E11	285	MO-13F10C-E13	288
M-13G9A-M13	282	MO-11G9B-M11	285	MO-13F10C-S13	288
M-13G9A-S13	282	MO-11G9B-S11	285	MO-13G9A-D13	291
M-13G10A-D13	282	MO-11G9R-M11	291	MO-13G9A-E13	291
M-13G10A-E13	282	MO-11G10A-D11	291	MO-13G9A-M13	291
M-13G10A-M13	282	MO-11G10A-E11	291	MO-13G9A-S13	291
M-13G10A-S13	282	MO-11G10A-M11	291	MO-13G9B-D13	285
M-13Z12A-A13	294	MO-11G10A-S11	291	MO-13G9B-E13	285
M-14F9A-E14	282	MO-11G10C-D11	288	MO-13G9B-M13	285
M-14F9A-S14	282	MO-11G10C-E11	288	MO-13G9B-S13	285
M-14F10A-E14	282	MO-11G10C-M11	288	MO-13G9R-M13	291
M-14F10A-M16	282	MO-11G10C-S11	288	MO-13G10A-D13	291
M-14F10A-S14	282	MO-12F9A-E12	291	MO-13G10A-E13	291
M-14F10A-S15	282	MO-12F9A-S12	291	MO-13G10A-M13	291







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MO-13G10C-D13	288	MO-16F10C-M18	288	REX10-135A	291
MO-13G10C-E13	288	MO-16F10C-S18	288	REX10-135C	288
MO-13G10C-M13	288	MO-16G10A-D16	291	REX10-145A	291
MO-13G10C-S13	288	MO-16G10A-E16	291	REX10-145C	288
MO-13Z12A-A13	294	MO-16G10A-M16	291	REX10-155A	291
MO-13Z16A-A13	294	MO-16G10A-S16	291	REX10-155C	288
MO-14F9A-E14	291	MO-16G10C-D16	288	REX10-165A	291
MO-14F9A-S14	291	MO-16G10C-D18	288	REX10-165C	288
MO-14F9B-E14	285	MO-16G10C-E16	288	RM9-115A	282
MO-14F9B-S14	285	MO-16G10C-E18	288	RM9-125A	282
MO-14F10A-E14	291	MO-16G10C-M16	288	RM9-135A	282
MO-14F10A-M16	291	MO-16G10C-M18	288	RM9-145A	282
MO-14F10A-S14	291	MO-16G10C-S16	288	RM9-155A	282
MO-14F10C-E14	288	MO-16G10C-S18	288	RM10-115A	282
MO-14F10C-M16	288	MO-16Z12A-A16	294	RM10-125A	282
MO-14F10C-S14	288	MO-16Z16A-A16	294	RM10-135A	282
MO-14G9A-D14	291	MO-17G10C-D17	288	RM10-145A	282
MO-14G9A-E14	291	MO-17G10C-D19	288	RM10-145AT	282
MO-14G9A-M14	291	MO-17G10C-E17	288	RM10-155A	282
MO-14G9A-S14	291	MO-17G10C-E19	288	RMO9-115A	291
MO-14G9B-D14	285	MO-17G10C-M17	288	RMO9-115B	285
MO-14G9B-E14	285	MO-17G10C-M19	288	RMO9-115R	291
MO-14G9B-M14	285	MO-17G10C-S17	288	RMO9-125A	291
MO-14G9B-S14	285	MO-17G10C-S19	288	RMO9-125B	285
MO-14G9R-M14	291	MO-18G10C-D18	288	RMO9-125R	291
MO-14G10A-D14	291	MO-18G10C-D20	288	RMO9-135A	291
MO-14G10A-D16	291	MO-18G10C-E18	288	RMO9-135B	285
MO-14G10A-E14	291	MO-18G10C-E20	288	RMO9-135R	291
MO-14G10A-E16	291	MO-18G10C-M18	288	RMO9-145A	291
MO-14G10A-M14	291	MO-18G10C-M20	288	RMO9-145B	285
MO-14G10A-M16	291	MO-18G10C-S18	288	RMO9-145R	291
MO-14G10A-S14	291	MO-18G10C-S20	288	RMO9-155B	285
MO-14G10A-S16	291	RD10-145A	282	RMO10-115A	291
MO-14G10C-D14	288	RE9-115A	282	RMO10-125A	291
MO-14G10C-D16	288	RE9-125A	282	RMO10-135A	291
MO-14G10C-E14	288	RE9-135A	282	RMO10-145A	291
MO-14G10C-E16	288	RE9-145A	282	RMO10-145AT	291
MO-14G10C-M14	288	RE9-155A	282	RMO10-155A	291
MO-14G10C-M16	288	RE10-115A	282	RMO13-145A	282
MO-14G10C-S14	288	RE10-125A	282	RMX9-115B	285
MO-14G10C-S16	288	RE10-135A	282	RMX9-115R	291
MO-14Z12A-A14	294	RE10-145A	282	RMX9-125A	291
MO-14Z16A-A14	294	RE10-155A	282	RMX9-125B	285
MO-15F9B-E15	285	REO9-115B	285	RMX9-125R	291
MO-15F9B-S15	285	REO9-125A	291	RMX9-135A	291
MO-15F10A-E15	291	REO9-125B	285	RMX9-135B	285
MO-15F10A-S15	291	REO9-135A	291	RMX9-135R	291
MO-15F10C-E15	288	REO9-135B	285	RMX9-145A	291
MO-15F10C-S15	288	REO9-145A	291	RMX9-145B	285
MO-15G9B-D15	285	REO9-145B	285	RMX9-145R	291
MO-15G9B-E15	285	REO9-155B	285	RMX9-155B	285
MO-15G9B-M15	285	REX9-115B	285	RMX10-115A	291
MO-15G9B-S15	285	REX9-115R	285	RMX10-115C	288
MO-15G10A-D15	291	REX9-125A	291	RMX10-125A	291
MO-15G10A-E15	291	REX9-125B	285	RMX10-125C	288
MO-15G10A-M15	291	REX9-125R	285	RMX10-135A	291
MO-15G10A-S15	291	REX9-135A	291	RMX10-135C	288
MO-15G10C-D15	288	REX9-135B	285	RMX10-145A	291
MO-15G10C-E15	288	REX9-135R	285	RMX10-145C	288
MO-15G10C-M15	288	REX9-145A	291	RMX10-145CT	288
MO-15G10C-S15	288	REX9-145B	285	RMX10-155A	291
MO-15Z12A-A15	294	REX9-145R	285	RMX10-155C	288
MO-15Z16A-A15	294	REX9-155B	285	RMX10-165A	291
MO-16F10A-E16	291	REX10-115A	291	RMX10-165C	288
MO-16F10A-S16	291	REX10-115C	288	RMX10-165CT	288
MO-16F10C-D18	288	REX10-125A	291	RMX13-145A	282

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RS9-125A	282
RS9-135A	282
RS9-145A	282
RS9-155A	282
RS10-115A	282
RS10-125A	282
RS10-135A	282
RS10-145A	282
RS10-155A	282
RSO9-115B	285
RSO9-125B	285
RSO9-135B	285
RSO9-145B	285
RSO9-155B	285
RSX9-115B	285
RSX9-115C	285
RSX9-115R	285
RSX9-125A	291
RSX9-125B	285
RSX9-125C	285
RSX9-125R	291
RSX9-135A	291
RSX9-135B	285
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RSX9-155B	285
RSX9-155C	285
RSX9-165C	285
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RSX10-125A	291
RSX10-125C	288
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RSX10-135C	288
RSX10-145A	291
RSX10-145C	288
RSX10-155A	291
RSX10-155C	288
RSX10-165A	291
RSX10-165C	288

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M-11F10A-E11	M-12G9A-D12	M-14F9A-E14	M-15G9A-D15	RM10-155A	RZM.01
M-11F10A-S11	M-12G9A-E12	M-14F9A-S14	M-15G9A-E15	RM9-115A	
M-11F9A-E11	M-12G9A-M12	M-14G10A-D14	M-15G9A-M15	RM9-125A	
M-11F9A-S11	M-12G9A-S12	M-14G10A-D16	M-15G9A-S15	RM9-135A	
M-11G10A-D11	M-13F10A-E13	M-14G10A-E14	RD10-145A	RM9-145A	
M-11G10A-E11	M-13F10A-S13	M-14G10A-E16	RE10-115A	RM9-155A	
M-11G10A-M11	M-13F9A-E13	M-14G10A-M14	RE10-125A	RMO13-145A	
M-11G10A-S11	M-13F9A-S13	M-14G10A-M16	RE10-135A	RMX13-145A	
M-11G9A-D11	M-13G10A-D13	M-14G10A-S14	RE10-145A	RS10-115A	
M-11G9A-E11	M-13G10A-E13	M-14G10A-S16	RE10-155A	RS10-125A	
M-11G9A-M11	M-13G10A-M13	M-14G9A-D14	RE9-115A	RS10-135A	
M-11G9A-S11	M-13G10A-S13	M-14G9A-E14	RE9-125A	RS10-145A	
M-12F10A-E12	M-13G9A-D13	M-14G9A-M14	RE9-135A	RS10-155A	
M-12F10A-S12	M-13G9A-E13	M-14G9A-S14	RE9-145A	RS9-115A	
M-12F9A-E12	M-13G9A-M13	M-15F10A-E15	RE9-155A	RS9-125A	
M-12F9A-S12	M-13G9A-S13	M-15F10A-S15	RM10-115A	RS9-135A	
M-12G10A-D12	M-14F10A-E14	M-15G10A-D15	RM10-125A	RS9-145A	
M-12G10A-E12	M-14F10A-M16	M-15G10A-E15	RM10-135A	RS9-155A	
M-12G10A-M12	M-14F10A-S14	M-15G10A-M15	RM10-145A		
M-12G10A-S12	M-14F10A-S15	M-15G10A-S15	RM10-145AT		





	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000	B (55)		85		250	49	INCL	(RK1,2)		OPP	01	
	C (73)		113		250	49	INCL	(RK1,2)		OPP	01	
	E (86)		135		225	44	INCL	(RK1,2)		OPP	01	
	J (95)		147		225	44	INCL	(RK1,2)		OPP	01	
	O (125)		194		200	39	INCL	(RK1,2)		OPP	01	
	R (137)		212		200	39	INCL	(RK1,2)		OPP	01	
	S (150)		233		190	37	INCL	(RK1,2)		OPP	01	
	T (165)		256		175	34	INCL	(RK1,2)		OPP	01	
3200	Z (40)		59		250	49	INCL	(RK1,2,CLUTCH SHIFT)		OPP	01	
	A (50)		74		250	49	INCL	(RK1,2,CLUTCH SHIFT)		OPP	01	
	B (55)		85		250	49	INCL	(RK1,2,CLUTCH SHIFT)		OPP	01	
	C (73)		113		250	49	INCL	(RK1,2,CLUTCH SHIFT)		OPP	01	
	E (86)		135		225	44	INCL	(RK1,2,CLUTCH SHIFT)		OPP	01	
	J (95)		147		225	44	INCL	(RK1,2,CLUTCH SHIFT)		OPP	01	
	O (125)		194		200	39	INCL	(RK1,2,CLUTCH SHIFT)		OPP	01	
	R (137)		212		200	39	INCL	(RK1,2,CLUTCH SHIFT)		OPP	01	
	S (150)		233		190	37	INCL	(RK1,2,CLUTCH SHIFT)		OPP	01	
T (165)		256		175	34	INCL	(RK1,2,CLUTCH SHIFT)		OPP	01		
6000	Forward (73)		113		150	30	INCL	(RK2)		BOTH	01	
	Reverse (83)		129		150	30	INCL	(RK2)		BOTH	01	

For complete part numbers, consult the PTO Series section (page 25)



Rockwell-ZF-Meritor

RZM.01




8 Bolts	PTO Series	Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000	A (50)			74	250	49	INCL			OPP	O1	
	B (55)			85	250	49	INCL			OPP	O1	
	C (73)			113	250	49	INCL			OPP	O1	
	E (86)			135	225	44	INCL			OPP	O1	
	J (95)			147	225	44	INCL			OPP	O1	
	O (125)			194	200	39	INCL			OPP	O1	
	R (137)			212	200	39	INCL			OPP	O1	
	S (150)			233	190	37	INCL			OPP	O1	
	T (165)			256	175	34	INCL			OPP	O1	
3800	A (50)			74	250	49	INCL	(CLUTCH SHIFT)		OPP	O1	
	B (55)			85	250	49	INCL	(CLUTCH SHIFT)		OPP	O1	
	C (73)			113	250	49	INCL	(CLUTCH SHIFT)		OPP	O1	
	E (86)			135	225	44	INCL	(CLUTCH SHIFT)		OPP	O1	
	J (95)			147	225	44	INCL	(CLUTCH SHIFT)		OPP	O1	
	O (125)			194	200	39	INCL	(CLUTCH SHIFT)		OPP	O1	
	R (137)			212	200	39	INCL	(CLUTCH SHIFT)		OPP	O1	
	S (150)			233	190	37	INCL	(CLUTCH SHIFT)		OPP	O1	
	T (165)			256	175	34	INCL	(CLUTCH SHIFT)		OPP	O1	
4100	B (57)			85	450	87	INCL	(RK3)		OPP	O1	
	C (70)			104	470	90	INCL	(RK3)		OPP	O1	
	E (86)			128	470	90	INCL	(RK3)		OPP	O1	
	J (105)			156	400	77	INCL	(RK3)		OPP	O1	
4250	Output 1 C (96)			102	420	80	INCL			OPP	O1	
	Output 2 B (89)			95	420	80	INCL			OPP	O1	
	Output 1 E (112)			120	400	76.5	INCL			OPP	O1	
	Output 2 C (104)			111	420	80	INCL			OPP	O1	
	Output 1 J (132)			141	380	73	INCL			OPP	O1	
	Output 2 E (121)			129	400	76.5	INCL			OPP	O1	
	Output 1 O (168)				350	67	INCL			OPP	O1	
	Output 2 J (152)				380	73	INCL			OPP	O1	

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)

Rockwell-ZF-Meritor

RZM.01

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
6800		Forward (55)		113	150	30	INCL			BOTH	O1	
		Reverse (52)		129	150	30	INCL			BOTH	O1	
8000		Forward (40)		64	500	95	INCL			BOTH	O1	
		Reverse (50)		76	500	95	INCL			BOTH	O1	
8500		B (57)		59	500	95	INCL				O1	
		C (70)		78	500	95	INCL				O1	
		E (86)		93	480	90	INCL				O1	
		J (105)		115	450	86	INCL				O1	
		O (127)		133	400	76	INCL				O1	
		R (137)		146	360	68	INCL				O1	
		S (150)		160	320	62	INCL				O1	
	T (165)		176	280	54	INCL				O1		

FOOT NOTES:

- RK1:** Direct mount pumps will not clear bulge on transmission case. Must use geared adapter. Use of adapter changes PTO output rotation.
- RK2:** For vehicles with Spring Hanger interference, use adapter AD645-01. Not applicable for direct mount pumps. Use of adapter reverses PTO output rotation.
- RK3:** Possible internal transmission gear interference with 4100 Series "J" & "O" ratios. Check before installing PTO.




For complete part numbers, consult the PTO Series section (page 25)



Rockwell-ZF-Meritor

RZM.02





MO-11F9B-E11	MO-13G9B-E13	REO9-115B	RMO9-125B	RSX9-115C
MO-11F9B-S11	MO-13G9B-M13	REO9-125B	RMO9-135B	RSX9-115R
MO-11G9B-D11	MO-13G9B-S13	REO9-135B	RMO9-145B	RSX9-125B
MO-11G9B-E11	MO-14F9B-E14	REO9-145B	RMO9-155B	RSX9-125C
MO-11G9B-M11	MO-14F9B-S14	REO9-155B	RMX9-115B	RSX9-135B
MO-11G9B-S11	MO-14G9B-D14	REX9-115B	RMX9-125B	RSX9-135C
MO-12F9B-E12	MO-14G9B-E14	REX9-115R	RMX9-135B	RSX9-145B
MO-12F9B-S12	MO-14G9B-M14	REX9-125B	RMX9-145B	RSX9-145C
MO-12G9B-D12	MO-14G9B-S14	REX9-125R	RMX9-155B	RSX9-155B
MO-12G9B-E12	MO-15F9B-E15	REX9-135B	RSO9-115B	RSX9-155C
MO-12G9B-M12	MO-15F9B-S15	REX9-135R	RSO9-125B	RSX9-165C
MO-12G9B-S12	MO-15G9B-D15	REX9-145B	RSO9-135B	
MO-13F9B-E13	MO-15G9B-E15	REX9-145R	RSO9-145B	
MO-13F9B-S13	MO-15G9B-M15	REX9-155B	RSO9-155B	
MO-13G9B-D13	MO-15G9B-S15	RMO9-115B	RSX9-115B	

6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		98	250	49	INCL	(RK1,2)		OPP	01	
		C (73)		130	250	49	INCL	(RK1,2)		OPP	01	
		E (86)		155	225	44	INCL	(RK1,2)		OPP	01	
		J (95)		169	225	44	INCL	(RK1,2)		OPP	01	
		O (125)		223	200	39	INCL	(RK1,2)		OPP	01	
		R (137)		244	200	39	INCL	(RK1,2)		OPP	01	
		S (150)		267	190	37	INCL	(RK1,2)		OPP	01	
		T (165)		294	175	34	INCL	(RK1,2)		OPP	01	
3200		Z (40)		77	250	49	INCL	(RK1,2,CLUTCH SHIFT)		OPP	01	
		A (50)		96	250	49	INCL	(RK1,2,CLUTCH SHIFT)		OPP	01	
		B (55)		98	250	49	INCL	(RK1,2,CLUTCH SHIFT)		OPP	01	
		C (73)		130	250	49	INCL	(RK1,2,CLUTCH SHIFT)		OPP	01	
		E (86)		155	225	44	INCL	(RK1,2,CLUTCH SHIFT)		OPP	01	
		J (95)		169	225	44	INCL	(RK1,2,CLUTCH SHIFT)		OPP	01	
		O (125)		223	200	39	INCL	(RK1,2,CLUTCH SHIFT)		OPP	01	
		R (137)		244	200	39	INCL	(RK1,2,CLUTCH SHIFT)		OPP	01	
		S (150)		267	190	37	INCL	(RK1,2,CLUTCH SHIFT)		OPP	01	
		T (165)		294	175	34	INCL	(RK1,2,CLUTCH SHIFT)		OPP	01	
6000		Forward (73)		130	150	30	INCL	(RK2)		BOTH	01	
		Reverse (83)		148	150	30	INCL	(RK2)		BOTH	01	

For complete part numbers, consult the PTO Series section (page 25)

Rockwell-ZF-Meritor

RZM.02

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000	A (50)		96	250	49	INCL			OPP	O1		
	B (55)		98	250	49	INCL			OPP	O1		
	C (73)		130	250	49	INCL			OPP	O1		
	E (86)		155	225	44	INCL			OPP	O1		
	J (95)		169	225	44	INCL			OPP	O1		
	O (125)		223	200	39	INCL			OPP	O1		
	R (137)		244	200	39	INCL			OPP	O1		
	S (150)		267	190	37	INCL			OPP	O1		
T (165)		294	175	34	INCL			OPP	O1			
3800	A (50)		96	250	49	INCL	(CLUTCH SHIFT)		OPP	O1		
	B (55)		98	250	49	INCL	(CLUTCH SHIFT)		OPP	O1		
	C (73)		130	250	49	INCL	(CLUTCH SHIFT)		OPP	O1		
	E (86)		155	225	44	INCL	(CLUTCH SHIFT)		OPP	O1		
	J (95)		169	225	44	INCL	(CLUTCH SHIFT)		OPP	O1		
	O (125)		223	200	39	INCL	(CLUTCH SHIFT)		OPP	O1		
	R (137)		244	200	39	INCL	(CLUTCH SHIFT)		OPP	O1		
	S (150)		267	190	37	INCL	(CLUTCH SHIFT)		OPP	O1		
T (165)		294	175	34	INCL	(CLUTCH SHIFT)		OPP	O1			
4100	B (57)		97	450	87	INCL	(RK3)		OPP	O1		
	C (70)		119	470	90	INCL	(RK3)		OPP	O1		
	E (86)		147	470	90	INCL	(RK3)		OPP	O1		
	J (105)		179	400	77	INCL	(RK3)		OPP	O1		
4250	Output 1 C (96)		118	420	80	INCL			OPP	O1		
	Output 2 B (89)		109	420	80	INCL			OPP	O1		
	Output 1 E (112)		138	400	76.5	INCL			OPP	O1		
	Output 2 C (104)		127	420	80	INCL			OPP	O1		
	Output 1 J (132)		161	380	73	INCL			OPP	O1		
	Output 2 E (121)		148	400	76.5	INCL			OPP	O1		
	Output 1 O (168)			350	67	INCL			OPP	O1		
Output 2 J (152)			380	73	INCL			OPP	O1			

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)



Rockwell-ZF-Meritor

RZM.02

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
6800	Forward (55)		130	150	30	INCL				BOTH	O1	
	Reverse (52)		148	150	30	INCL				BOTH	O1	
8000	Forward (40)		73	500	95	INCL				BOTH	O1	
	Reverse (50)		87	500	95	INCL				BOTH	O1	
8500	B (57)		67	500	95	INCL					O1	
	C (70)		89	500	95	INCL					O1	
	E (86)		107	480	90	INCL					O1	
	J (105)		132	450	86	INCL					O1	
	O (127)		153	400	76	INCL					O1	
	R (137)		168	360	68	INCL					O1	
	S (150)		184	320	62	INCL					O1	
	T (165)		202	280	54	INCL					O1	

FOOT NOTES:





- RK1:** Direct mount pumps will not clear bulge on transmission case. Must use geared adapter. Use of adapter changes PTO output rotation.
- RK2:** For vehicles with Spring Hanger interference, use adapter AD645-01. Not applicable for direct mount pumps. Use of adapter reverses PTO output rotation.
- RK3:** Possible internal transmission gear interference with 4100 Series "J" & "O" ratios. Check before installing PTO.

//////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //////////////////////////////////////



Rockwell-ZF-Meritor

MO-11F10C-E11	MO-13G10C-S13	MO-15G10C-S15	MO-17G10C-M17	REX10-165C	RZM.03
MO-11F10C-S11	MO-14F10C-E14	MO-16F10C-D18	MO-17G10C-M19	RMX10-115C	
MO-11G10C-D11	MO-14F10C-M16	MO-16F10C-E18	MO-17G10C-S17	RMX10-125C	
MO-11G10C-E11	MO-14F10C-S14	MO-16F10C-M18	MO-17G10C-S19	RMX10-135C	
MO-11G10C-M11	MO-14G10C-D14	MO-16F10C-S18	MO-18G10C-D18	RMX10-145C	
MO-11G10C-S11	MO-14G10C-D16	MO-16G10C-D16	MO-18G10C-D20	RMX10-145CT	
MO-12F10C-E12	MO-14G10C-E14	MO-16G10C-D18	MO-18G10C-E18	RMX10-155C	
MO-12F10C-S12	MO-14G10C-E16	MO-16G10C-E16	MO-18G10C-E20	RMX10-165C	
MO-12G10C-D12	MO-14G10C-M14	MO-16G10C-E18	MO-18G10C-M18	RMX10-165CT	
MO-12G10C-E12	MO-14G10C-M16	MO-16G10C-M16	MO-18G10C-M20	RSX10-115C	
MO-12G10C-M12	MO-14G10C-S14	MO-16G10C-M18	MO-18G10C-S18	RSX10-125C	
MO-12G10C-S12	MO-14G10C-S16	MO-16G10C-S16	MO-18G10C-S20	RSX10-135C	
MO-13F10C-E13	MO-15F10C-E15	MO-16G10C-S18	REX10-115C	RSX10-145C	
MO-13F10C-S13	MO-15F10C-S15	MO-17G10C-D17	REX10-125C	RSX10-155C	
MO-13G10C-D13	MO-15G10C-D15	MO-17G10C-D19	REX10-135C	RSX10-165C	
MO-13G10C-E13	MO-15G10C-E15	MO-17G10C-E17	REX10-145C		
MO-13G10C-M13	MO-15G10C-M15	MO-17G10C-E19	REX10-155C		





	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		110	250	49	INCL	(RK1,2)		OPP	01	
		C (73)		147	250	49	INCL	(RK1,2)		OPP	01	
		E (86)		175	225	44	INCL	(RK1,2)		OPP	01	
		J (95)		191	225	44	INCL	(RK1,2)		OPP	01	
		O (125)		251	200	39	INCL	(RK1,2)		OPP	01	
		R (137)		275	200	39	INCL	(RK1,2)		OPP	01	
		S (150)		301	190	37	INCL	(RK1,2)		OPP	01	
		T (165)		331	175	34	INCL	(RK1,2)		OPP	01	
3200		Z (40)		77	250	49	INCL	(RK1,2,CLUTCH SHIFT)		OPP	01	
		A (50)		96	250	49	INCL	(RK1,2,CLUTCH SHIFT)		OPP	01	
		B (55)		110	250	49	INCL	(RK1,2,CLUTCH SHIFT)		OPP	01	
		C (73)		147	250	49	INCL	(RK1,2,CLUTCH SHIFT)		OPP	01	
		E (86)		175	225	44	INCL	(RK1,2,CLUTCH SHIFT)		OPP	01	
		J (95)		191	225	44	INCL	(RK1,2,CLUTCH SHIFT)		OPP	01	
		O (125)		251	200	39	INCL	(RK1,2,CLUTCH SHIFT)		OPP	01	
		R (137)		275	200	39	INCL	(RK1,2,CLUTCH SHIFT)		OPP	01	
		S (150)		301	190	37	INCL	(RK1,2,CLUTCH SHIFT)		OPP	01	
	T (165)		331	175	34	INCL	(RK1,2,CLUTCH SHIFT)		OPP	01		
6000		Forward (73)		147	150	30	INCL	(RK2)		BOTH	01	
		Reverse (83)		167	150	30	INCL	(RK2)		BOTH	01	

For complete part numbers, consult the PTO Series section (page 25)



Rockwell-ZF-Meritor

RZM.03




8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000	A (50)			96	250	49	INCL			OPP	O1	
	B (55)			110	250	49	INCL			OPP	O1	
	C (73)			147	250	49	INCL			OPP	O1	
	E (86)			175	225	44	INCL			OPP	O1	
	J (95)			191	225	44	INCL			OPP	O1	
	O (125)			251	200	39	INCL			OPP	O1	
	R (137)			275	200	39	INCL			OPP	O1	
	S (150)			301	190	37	INCL			OPP	O1	
	T (165)			331	175	34	INCL			OPP	O1	
3800	A (50)			96	250	49	INCL	(CLUTCH SHIFT)		OPP	O1	
	B (55)			110	250	49	INCL	(CLUTCH SHIFT)		OPP	O1	
	C (73)			147	250	49	INCL	(CLUTCH SHIFT)		OPP	O1	
	E (86)			175	225	44	INCL	(CLUTCH SHIFT)		OPP	O1	
	J (95)			191	225	44	INCL	(CLUTCH SHIFT)		OPP	O1	
	O (125)			251	200	39	INCL	(CLUTCH SHIFT)		OPP	O1	
	R (137)			275	200	39	INCL	(CLUTCH SHIFT)		OPP	O1	
	S (150)			301	190	37	INCL	(CLUTCH SHIFT)		OPP	O1	
	T (165)			331	175	34	INCL	(CLUTCH SHIFT)		OPP	O1	
4100	B (57)			110	450	87	INCL	(RK3)		OPP	O1	
	C (70)			134	470	90	INCL	(RK3)		OPP	O1	
	E (86)			165	470	90	INCL	(RK3)		OPP	O1	
	J (105)			202	400	77	INCL	(RK3)		OPP	O1	
4250	Output 1 C (96)			133	420	80	INCL			OPP	O1	
	Output 2 B (89)			123	420	80	INCL			OPP	O1	
	Output 1 E (112)			155	400	76.5	INCL			OPP	O1	
	Output 2 C (104)			143	420	80	INCL			OPP	O1	
	Output 1 J (132)			182	380	73	INCL			OPP	O1	
	Output 2 E (121)			167	400	76.5	INCL			OPP	O1	
	Output 1 O (168)				350	67	INCL			OPP	O1	
	Output 2 J (152)				380	73	INCL			OPP	O1	

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)

Rockwell-ZF-Meritor

RZM.03

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
6800		Forward (55)		147	150	30	INCL			BOTH	O1	
		Reverse (52)		167	150	30	INCL			BOTH	O1	
8000		Forward (40)		83	500	95	INCL			BOTH	O1	
		Reverse (50)		99	500	95	INCL			BOTH	O1	
8500		B (57)		76	500	95	INCL				O1	
		C (70)		101	500	95	INCL				O1	
		E (86)		120	480	90	INCL				O1	
		J (105)		149	450	86	INCL				O1	
		O (127)		173	400	76	INCL				O1	
		R (137)		189	360	68	INCL				O1	
		S (150)		207	320	62	INCL				O1	
	T (165)		228	280	54	INCL				O1		

FOOT NOTES:

- RK1:** Direct mount pumps will not clear bulge on transmission case. Must use geared adapter. Use of adapter changes PTO output rotation.
- RK2:** For vehicles with Spring Hanger interference, use adapter AD645-01. Not applicable for direct mount pumps. Use of adapter reverses PTO output rotation.
- RK3:** Possible internal transmission gear interference with 4100 Series "J" & "O" ratios. Check before installing PTO.

For complete part numbers, consult the PTO Series section (page 25)



Rockwell-ZF-Meritor

RZM.04





MO-11F10A-S11	MO-13G10A-D13	MO-14G9A-E14	REX10-155A	RMX10-155A
MO-11G10A-D11	MO-13G10A-E13	MO-14G9A-M14	REX10-165A	RMX10-165A
MO-11G10A-E11	MO-13G10A-M13	MO-14G9A-S14	REX9-125A	RMX9-115R
MO-11G10A-M11	MO-13G10A-S13	MO-14G9R-M14	REX9-135A	RMX9-125A
MO-11G10A-S11	MO-13G9A-D13	MO-15F10A-E15	REX9-145A	RMX9-125R
MO-11G9R-M11	MO-13G9A-E13	MO-15F10A-S15	RMO10-115A	RMX9-135A
MO-12F10A-E12	MO-13G9A-M13	MO-15G10A-D15	RMO10-125A	RMX9-135R
MO-12F10A-S12	MO-13G9A-S13	MO-15G10A-E15	RMO10-135A	RMX9-145A
MO-12F9A-E12	MO-13G9R-M13	MO-15G10A-M15	RMO10-145A	RMX9-145R
MO-12F9A-S12	MO-14F10A-E14	MO-15G10A-S15	RMO10-145AT	RSX10-115A
MO-12G10A-D12	MO-14F10A-M16	MO-16F10A-E16	RMO10-155A	RSX10-125A
MO-12G10A-E12	MO-14F10A-S14	MO-16F10A-S16	RMO9-115A	RSX10-135A
MO-12G10A-M12	MO-14F9A-E14	MO-16G10A-D16	RMO9-115R	RSX10-145A
MO-12G10A-S12	MO-14F9A-S14	MO-16G10A-E16	RMO9-125A	RSX10-155A
MO-12G9A-D12	MO-14G10A-D14	MO-16G10A-M16	RMO9-125R	RSX10-165A
MO-12G9A-E12	MO-14G10A-D16	MO-16G10A-S16	RMO9-135A	RSX9-125A
MO-12G9A-M12	MO-14G10A-E14	REO9-125A	RMO9-135R	RSX9-125R
MO-12G9A-S12	MO-14G10A-E16	REO9-135A	RMO9-145A	RSX9-135A
MO-12G9R-M12	MO-14G10A-M14	REO9-145A	RMO9-145R	RSX9-135R
MO-13F10A-E13	MO-14G10A-M16	REX10-115A	RMX10-115A	RSX9-145A
MO-13F10A-S13	MO-14G10A-S14	REX10-125A	RMX10-125A	RSX9-145R
MO-13F9A-E13	MO-14G10A-S16	REX10-135A	RMX10-135A	
MO-13F9A-S13	MO-14G9A-D14	REX10-145A	RMX10-145A	

6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000	B (55)			114	250	49	INCL	(RK1,2)		OPP	01	
	C (73)			152	250	49	INCL	(RK1,2)		OPP	01	
	E (86)			181	225	44	INCL	(RK1,2)		OPP	01	
	J (95)			198	225	44	INCL	(RK1,2)		OPP	01	
	O (125)			260	200	39	INCL	(RK1,2)		OPP	01	
	R (137)			285	200	39	INCL	(RK1,2)		OPP	01	
	S (150)			312	190	37	INCL	(RK1,2)		OPP	01	
	T (165)			343	175	34	INCL	(RK1,2)		OPP	01	
3200	Z (40)			80	250	49	INCL	(RK1,2,CLUTCH SHIFT)		OPP	01	
	A (50)			100	250	49	INCL	(RK1,2,CLUTCH SHIFT)		OPP	01	
	B (55)			114	250	49	INCL	(RK1,2,CLUTCH SHIFT)		OPP	01	
	C (73)			152	250	49	INCL	(RK1,2,CLUTCH SHIFT)		OPP	01	
	E (86)			181	225	44	INCL	(RK1,2,CLUTCH SHIFT)		OPP	01	
	J (95)			198	225	44	INCL	(RK1,2,CLUTCH SHIFT)		OPP	01	
	O (125)			260	200	39	INCL	(RK1,2,CLUTCH SHIFT)		OPP	01	
	R (137)			285	200	39	INCL	(RK1,2,CLUTCH SHIFT)		OPP	01	
6000	Forward (73)			152	150	30	INCL	(RK2)		BOTH	01	
	Reverse (83)			173	150	30	INCL	(RK2)		BOTH	01	

For complete part numbers, consult the PTO Series section (page 25)

Rockwell-ZF-Meritor

RZM.04

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000	A (50)		100		250	49	INCL			OPP	O1	
	B (55)		114		250	49	INCL			OPP	O1	
	C (73)		152		250	49	INCL			OPP	O1	
	E (86)		181		225	44	INCL			OPP	O1	
	J (95)		198		225	44	INCL			OPP	O1	
	O (125)		260		200	39	INCL			OPP	O1	
	R (137)		285		200	39	INCL			OPP	O1	
	S (150)		312		190	37	INCL			OPP	O1	
	T (165)		343		175	34	INCL			OPP	O1	
3800	A (50)		100		250	49	INCL	(CLUTCH SHIFT)		OPP	O1	
	B (55)		114		250	49	INCL	(CLUTCH SHIFT)		OPP	O1	
	C (73)		152		250	49	INCL	(CLUTCH SHIFT)		OPP	O1	
	E (86)		181		225	44	INCL	(CLUTCH SHIFT)		OPP	O1	
	J (95)		198		225	44	INCL	(CLUTCH SHIFT)		OPP	O1	
	O (125)		260		200	39	INCL	(CLUTCH SHIFT)		OPP	O1	
	R (137)		285		200	39	INCL	(CLUTCH SHIFT)		OPP	O1	
	S (150)		312		190	37	INCL	(CLUTCH SHIFT)		OPP	O1	
	T (165)		343		175	34	INCL	(CLUTCH SHIFT)		OPP	O1	
4100	B (57)		113		450	87	INCL	(RK3)		OPP	O1	
	C (70)		139		470	90	INCL	(RK3)		OPP	O1	
	E (86)		171		470	90	INCL	(RK3)		OPP	O1	
	J (105)		209		400	77	INCL	(RK3)		OPP	O1	
4250	Output 1 C (96)		138		420	80	INCL			OPP	O1	
	Output 2 B (89)		128		420	80	INCL			OPP	O1	
	Output 1 E (112)		161		400	76.5	INCL			OPP	O1	
	Output 2 C (104)		149		420	80	INCL			OPP	O1	
	Output 1 J (132)		189		380	73	INCL			OPP	O1	
	Output 2 E (121)		173		400	76.5	INCL			OPP	O1	
	Output 1 O (168)				350	67	INCL			OPP	O1	
	Output 2 J (152)				380	73	INCL			OPP	O1	



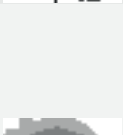

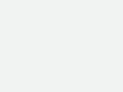
CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)



Rockwell-ZF-Meritor

RZM.04

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
6800		Forward (55)		152	150	30	INCL			OPP	O1	
		Reverse (52)		173	150	30	INCL			OPP	O1	
8000		Forward (40)		86	500	95	INCL			OPP	O1	
		Reverse (50)		102	500	95	INCL			OPP	O1	
8500		B (57)		79	500	95	INCL			OPP	O1	
		C (70)		104	500	95	INCL			OPP	O1	
		E (86)		124	480	90	INCL			OPP	O1	
		J (105)		154	450	86	INCL			OPP	O1	
		O (127)		179	400	76	INCL			OPP	O1	
		R (137)		196	360	68	INCL			OPP	O1	
		S (150)		215	320	62	INCL			OPP	O1	
		T (165)		236	280	54	INCL			OPP	O1	

FOOT NOTES:

- RK1:** Direct mount pumps will not clear bulge on transmission case. Must use geared adapter. Use of adapter changes PTO output rotation.
- RK2:** For vehicles with Spring Hanger interference, use adapter AD645-01. Not applicable for direct mount pumps. Use of adapter reverses PTO output rotation.
- RK3:** Possible internal transmission gear interference with 4100 Series "J" & "O" ratios. Check before installing PTO.



//////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //////////////////////////////////////



Rockwell-ZF-Meritor

MO-13Z16A-A13 MO-14Z16A-A14 MO-15Z16A-A15 MO-16Z16A-A16

RZM.05

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1015703		100%		111	609	118	8028933		1018104	OPP		
1021903		126%		139	516	100	8039033		1018104	ENG		
1010003		132%		146	310	60	8011933		1018104	ENG		
1017803		172%		190	332	64	8012733		1018104	ENG		
1026003		153%		169	310	60	8038933		1018104	ENG		

GENERAL NOTES:



If the truck has a Meritor yoke model #SPL250/RPL250 or SPL170 front driveshaft, these PTO's won't fit. Yoke model #RPL200 is compatible. The transmission must be programmed for PTO activation. Consult your dealer for further information.

M-13Z12A-A13
M-14Z12A-A14

MO-13Z12A-A13
MO-14Z12A-A14

MO-15Z12A-A15
MO-16Z12A-A16

RZM.06

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1015703		100%		135	609	118	8028933		1018104	OPP		
1021903		126%		170	516	100	8039033		1018104	ENG		
1010003		132%		178	310	60	8011933		1018104	ENG		
1017803		172%		232	332	64	8012733		1018104	ENG		
1026003		153%		207	310	60	8038933		1018104	ENG		

GENERAL NOTES:

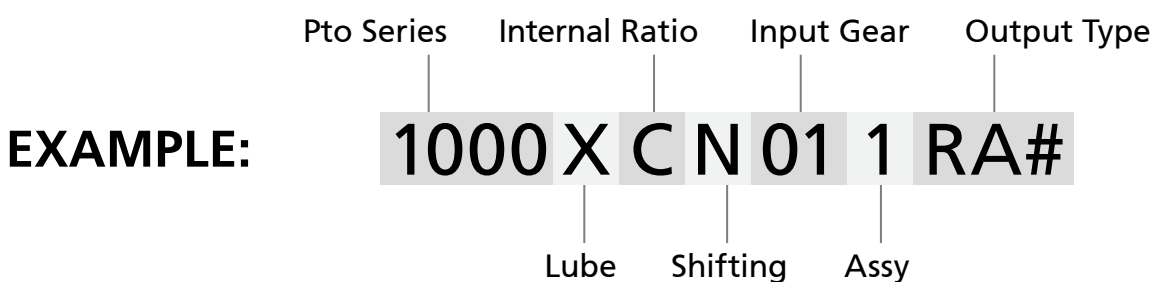
If the truck has a Meritor yoke model #SPL250/RPL250 or SPL170 front driveshaft, these PTO's won't fit. Yoke model #RPL200 is compatible. The transmission must be programmed for PTO activation. Consult your dealer for further information.

For complete part numbers, consult the PTO Series section (page 25)



Spicer Index

Transmission Model	Pag.	Transmission Model	Pag.
1007-2A(301117)(301206)	321	1262A(301105)	345
1007-2B(301118)(301207)	307	1263A(301107)	356
1007-3A(301121)(301208)	350	1263B(301109)	350
1010-2A(301111)	362	1264A(301106)	345
1010-3A(301113)	365	1265A(301108)	356
1010-3B(301115)	384	1272A(301140)(301215)	307
1010-4A(301112)	362	1272B(301158)	323
1010-5A(301114)	365	1274A(301141)(301216)	307
1020-2A(301123)	362	1274B(301159)	323
1020-3A(301125)	384	1310-2A(301292)	302
1020-4A(301124)	362	1310-4A(301317)	302
1020-5A(301126)	384	1352A(301235)	322
1052A(301091)	322	1362A(301169)	321
1054A(301092)	322	1362B(301171)	307
1062A(301101)	321	1362C(301178)	307
1062B(301103)	323	1362D(301180)	307
1062C(301133)	307	1364C(301179)	307
1062D(301148)	323	1372A(301271)(301398)	299
1064A(301102)	321	1372B(301325)(301405)	298
1064B(301104)	323	1374A(301272)	299
1064C(301136)	307	1410-2A(301288)(301161)	362
1064D(301149)	323	1410-3A(301163)	365
1107-2A(301201)	299	1410-3B(301165)	384
1207-2A(301195)	321	1412-3A(301227)	365
1207-2B(301196)	307	1414-3A(301243)(301290)	365
1207-2D(301240)	307	1420-3A(301232)(301239)	365
1207-3A(301199)	350	1420-3B(301332)	365
1211-3A	352	1452A(301183)	340
1211-5A	352	1453A(301185)	376
1214-3A(301130)(301212)	354	1453B(301187)	378
1214-5A(301131)(301213)	354	1462A(301173)	321
1241C(300977.301145.301151)	389	1463A(301175)	356
1241-CT	389	1463C(301357)	356
1241D(300978.301146.301152)	389	5652(8-BOLT&6-BOLTOPENING)	309
1241-DT	389	5652A(8-BOLT&6-BOLTOPENING)	311
1252A(301094)	340	5652B(8-BOLT&6-BOLTOPENING)	309
1253A(301096)	376	5752(8-BOLT&6-BOLTOPENING)	311
1253B(301098)	378	5752C(8-BOLT&6-BOLTOPENING)	346
1254A(301095)	340	5753A	348
1255A(301097)	376	5756B(8-BOLT&6-BOLTOPENING)	336
1255B(301099)	378	5852	309



Spicer Index

Transmission Model	Pag.	Transmission Model	Pag.
6852	380	ES43-5D(301511)(301634)	306
6852G	342	ES46-5A	308
6853B	380	ES52-5A(301455)	305
9072A(301321)	300	ES52-5D(301456)	306
AMO1000-4C(301474)	389	ES52-7A(301451)(301635)	307
AMO1000-4D(301475)	389	ES52-7B(301642)(301637)	307
APO1000-4C(301476)	389	ES53-5A(301508)(301631)	305
APO1000-4D(301477)	389	ES53-5D(301509)(301632)	306
AS56-7B AMT-7	392	ES54-5A	304
AS100-10D(301612)	368	ES54-5C	341
AS125-9A	363	ES55-5D	319
AS125-10D(301613)	368	ES56-7B(301739)	392
AS135-9A	363	ES60-5A(301460)	315
AS135-10D(301614)	368	ES60-5C(301461)	315
AS140-9A	363	ES60-5D(301462)	319
AS145-10D(301615)	368	ES60-5E(301463)	338
ASO10-VPD	387	ES60-5F(301482)	315
ASO56-7A(301452)(301636)	367	ES62-5A(301528)	315
ASO56-7B	367	ES62-5D(301530)	319
ASO66-7A(301452)(301636)	367	ES65-5A(301466)	330
ASO66-7B	367	ES65-5B(301467)	332
ASO100-10S	387	ES65-5D(301469)	334
ASO125-9A	390	ES65-5E(301468)	343
ASO125-10D	390	ES67-5A(301532)	315
ASO125-10S(301541)(301579)	387	ES67-5D(301534)	319
ASO135-9A	390	ES68-5D	319
ASO135-10D	390	ES70-5A(301536)	330
ASO140-9A	385	ES70-5D(301539)	334
ASO140-10S(301542)(301580)	387	ES72-5A	330
ASO145-9A	385	ES72-5B(301637)	382
ASO150-9A	385	ES72-5C	334
ASO150-10S(301526)(301578)	387	ES72-5D	334
ASO165-10S(301543)(301581)	387	ESO65-7A(301452)(301636)	367
ATO1000-4C	389	ESO66-7B(301643)(301638)(301742)	367
ATO1000-4D	389	LAS100-10D(301616)	368
CM-4054A(301329)(301420)	313	LAS115-9A(301590)	363
CM-4054D(301343)(301421)	314	LAS125-9A(301591)	363
CM-4954A(301386)	305	LAS125-10D(301617)	368
CM-4954D(301387)	306	LAS135-9A(301592)	363
CM-5052A(301068)(301472)	315	LAS135-10D(301618)	368
CM-5052B(301248)(301079)	317	LAS140-9A	363
CM-5052C(301249)(301080)	315	LAS145-9A(301593)	363
CM-5052D(301250)(301230)	319	LAS145-10D(301619)	368
CM-5252A(301251)(301081)	338	LASO10-VPD	387
CM-5510(301315)(301371)	315	LASO115-9A(301594)	385
CM-5552A(301309)(301366)	315	LASO125-9A(301595)	385
CM-5552B(301310)(301367)	317	LASO125-10S(301620)	387
CM-5552C(301311)(301368)	315	LASO135-9A(301597)	385
CM-5552D(301312)(301369)	319	LASO140-9A	385
CM-5852A(301313)(301370)	338	LASO140-10S(301621)	387
CM-5952A(301360)	315	LASO145-9A(301596)	385
CM-5952B(301361)	317	LASO150-9A	385
CM-5952C(301362)	315	LASO150-10S(301622)	387
CM-5952D(301363)	319	LLAS100-10D	368
CM-5952E(301364)	338	LLAS125-10D	368
CM-6052A(301253)(301075)(301413)	330	LLAS135-10D	368
CM-6052B(301254)(301082)(301414)	332	LLAS145-10D	368
CM-6052C(301255)(301083)(301415)	343	LLASO125-10S	387
CM-6052D(301256)(301416)	334	LLASO140-10S	387
CM-6252A(301257)(301084)	370	LLASO150-10S	387
CM-6252B(301258)(301085)(301417)	381	LLPS100-10D	368
CM-6253A(301259)(301086)	372	LLPS125-10D	368
CM-6253B(301260)(301087)(301418)	382	LLPS135-10D	368
CV67F	334	LLPS145-10D(301703)	368
ES42-5A(301438)	313	LLPSO100-10S	387
ES42-5D(301439)	314	LLPSO125-10S	387
ES43-5A(301510)(301633)	305	LLPSO140-10S(301705)	387





Transmission Model	Pag.	Transmission Model	Pag.
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LPS9-VPD	385	PSO155-10D	390
LPS100-10D(301608)	368	PSO160-10S(301517)	387
LPS125-9A(301547)(301567)	363	PSO165-10D	390
LPS125-10D(301609)	368	PSO165-10S(301523)(301564)	387
LPS135-10D(301610)	368	PSO165-12B	365
LPS140-9A(301549)(301569)	363	PSO165-16B(301583)	328
LPS145-10D(301611)	368	PSO165-18A(301666)	323
LPSO9-VPD	385	PSO165-18B	323
LPSO10-VPD	387	PSO175-16B(301584)	328
LPSO100-10S	387	PSO175-16M(301645)	328
LPSO125-9A(301548)(301568)	385	PSO175-18A(301585)	323
LPSO125-10S(301544)(301572)	387	PSO175-18B	323
LPSO140-9A(301550)(301570)	385	PSO175-18M(301849)	323
LPSO140-10S(301545)(301573)	387	T-9505-2A(301408)	322
LPSO150-9A(301551)(301571)	385	T-9505-2B(301425)	322
LPSO150-10S(301546)(301574)	387	TSP120-12A	374
LPSO165-10S	387	TSPO145-14A	358
P1241C(301053)(301395)	389	TSPO145-16B	328
P1241D(301054)(301396)	389	TSPO155-14HP	358
PS9-VPD	385	TSPO155-16A	356
PS85-10LL	302	TSPO155-16B	328
PS85-14-4L(301525)	302	TSPO155-16HP	328
PS86-10V(301587)	360	TSPO165-16HP	328
PS95-9A(301500)(301553)	363	TSPO165-18A	326
PS97-7A(301446)	300	TSPO165-18HP	326
PS100-10D(301604)	368		
PS105-7LL(301464)	322		
PS110-7A(301519)	299		
PS110-7B(301518)	298		
PS125-7B(301445)	298		
PS125-9A(301431)(301554)	363		
PS125-10D(301605)	368		
PS130-5A(301470)	322		
PS130-6B(301471)	307		
PS130-6L(301465)	322		
PS130-10A(301485)	302		
PS130-12A(301484)	302		
PS135-10D(301606)	368		
PS140-7A(301444)	299		
PS140-9A(301495)(301555)	363		
PS145-7A(301520)	299		
PS145-10D(301607)	368		
PSO9-VPD	385		
PSO10-VPD	387		
PSO85-10LL	365		
PSO85-14-4L	365		
PSO100-10S(301505)(301560)	387		
PSO115-10V(301588)	387		
PSO120-8LL(301644)	350		
PSO125-9A(301499)(301556)	385		
PSO125-10D	390		
PSO125-10S(301504)(301561)	387		
PSO125-10V(301589)	387		
PSO135-10D	390		
PSO140-6A(301472)	356		
PSO140-6C(301486)	356		
PSO140-9A(301432)(301557)	385		
PSO140-10S(301506)(301562)	387		
PSO140-12B(301473)	365		
PSO140-14A(301483)	365		
PSO145-10D	390		
PSO145-10V(301582)	387		
PSO150-9A(301496)(301558)	385		
PSO150-9S(301521)	387		
PSO150-10S(301503)(301563)	387		

1372B(301325)(301405)

PS110-7B(301518)

PS125-7B(301445)

SPIC.01

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		49	250	49	S3		6300S	OPP	01	
		C (73)		65	250	49	S3		6300S	OPP	01	
		E (86)		77	225	44	S3		6300S	OPP	01	
		J (95)		84	225	44	S3		6300S	OPP	01	
		O (125)		111	200	39	S3		6300S	OPP	01	
		R (137)		121	200	39	S3		6300S	OPP	01	
		S (150)		133	190	37	S3		6300S	OPP	01	
		T (165)		146	175	34	S3		6300S	OPP	01	
3200		Z (40)		35	250	49	S3		6300S	OPP	01	
		A (50)		44	250	49	S3		6300S	OPP	01	
		B (55)		49	250	49	S3		6300S	OPP	01	
		C (73)		65	250	49	S3		6300S	OPP	01	
		E (86)		78	225	44	S3		6300S	OPP	01	
		J (95)		85	225	44	S3		6300S	OPP	01	
		O (125)		111	200	39	S3		6300S	OPP	01	
		R (137)		121	200	39	S3		6300S	OPP	01	
		S (150)		133	190	37	S3		6300S	OPP	01	
	T (165)		146	175	34	S3		6300S	OPP	01		
6000		Forward (73)		65	150	30	S3		6300S	BOTH	01	
		Reverse (83)		74	150	30	S3		6300S	BOTH	01	

Spicer

////////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //






Spicer

1107-2A(301201)
1372A(301271)(301398)

1374A(301272)
PS110-7A(301519)

PS140-7A(301444)
PS145-7A(301520)

SPIC.02

6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000	B (55)			52	250	49	INCL			OPP	02	
	C (73)			69	250	49	INCL			OPP	02	
	E (86)			83	225	44	INCL			OPP	02	
	J (95)			90	225	44	INCL			OPP	02	
	O (125)			119	200	39	INCL			OPP	02	
	R (137)			130	200	39	INCL			OPP	02	
	S (150)			143	190	37	INCL			OPP	02	
	T (165)			157	175	34	INCL			OPP	02	
3200	Z (40)			38	250	49	INCL			OPP	02	
	A (50)			48	250	49	INCL			OPP	02	
	B (55)			52	250	49	INCL			OPP	02	
	C (73)			69	250	49	INCL			OPP	02	
	E (86)			83	225	44	INCL			OPP	02	
	J (95)			91	225	44	INCL			OPP	02	
	O (125)			119	200	39	INCL			OPP	02	
	R (137)			130	200	39	INCL			OPP	02	
	S (150)			143	190	37	INCL			OPP	02	
T (165)			157	175	34	INCL			OPP	02		
6000	Forward (73)			69	150	30	INCL			BOTH	02	
	Reverse (83)			79	150	30	INCL			BOTH	02	





For complete part numbers, consult the PTO Series section (page 25)



Spicer

9072A(301321)

PS97-7A(301446)

SPIC.03

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		53	250	49	INCL		6140S	OPP	01	
		C (73)		70	250	49	INCL		6140S	OPP	01	
		E (86)		84	225	44	INCL		6140S	OPP	01	
		J (95)		92	225	44	INCL		6140S	OPP	01	
		O (125)		120	200	39	INCL		6140S	OPP	01	
		R (137)		132	200	39	INCL		6140S	OPP	01	
		S (150)		145	190	37	INCL		6140S	OPP	01	
		T (165)		159	175	34	INCL		6140S	OPP	01	
3200		Z (40)		39	250	49	INCL		6140S	OPP	01	
		A (50)		48	250	49	INCL		6140S	OPP	01	
		B (55)		53	250	49	INCL		6140S	OPP	01	
		C (73)		70	250	49	INCL		6140S	OPP	01	
		E (86)		84	225	44	INCL		6140S	OPP	01	
		J (95)		92	225	44	INCL		6140S	OPP	01	
		O (125)		120	200	39	INCL		6140S	OPP	01	
		R (137)		132	200	39	INCL		6140S	OPP	01	
6000		Forward (73)		70	150	30	INCL		6140S	BOTH	01	
		Reverse (83)		80	150	30	INCL		6140S	BOTH	01	

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)		48	250		INCL			OPP	01	
		B (55)		53	250	49	INCL			OPP	01	
		C (73)		70	250	49	INCL			OPP	01	
		E (86)		84	225	44	INCL			OPP	01	
		J (95)		92	225	44	INCL			OPP	01	
		O (125)		120	200	39	INCL			OPP	01	
		R (137)		132	200	39	INCL			OPP	01	
		S (150)		145	190	37	INCL			OPP	01	
		T (165)		159	175	34	INCL			OPP	01	

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)



Spicer

9072A(301321)

PS97-7A(301446)

SPIC.03

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
3800		Z (40)		39	250	49	INCL	CLU		OPP	01	
		A (50)		48	250	49	INCL	CLUTCH SHIFT		OPP	01	
		B (55)		53	250	49	INCL	CLUTCH SHIFT		OPP	01	
		C (73)		70	250	49	INCL	CLUTCH SHIFT		OPP	01	
		E (86)		84	225	44	INCL	CLUTCH SHIFT		OPP	01	
		J (95)		92	225	44	INCL	CLUTCH SHIFT		OPP	01	
		O (125)		120	200	39	INCL	CLUTCH SHIFT		OPP	01	
		R (137)		132	200	39	INCL	CLUTCH SHIFT		OPP	01	
		S (150)		145	190	37	INCL	CLUTCH SHIFT		OPP	01	
		T (165)		159	175	34	INCL	CLUTCH SHIFT		OPP	01	
4100		B (57)		55	450	87	INCL	(SP2)		OPP	01	
		C (70)		67	470	90	INCL	(SP2)		OPP	01	
		E (86)		83	470	90	INCL	(SP2)		OPP	01	
		J (105)		101	400	77	INCL	(SP2)		OPP	01	
4250		Output 1 C (96)		93	420	80	INCL	(SP2)		OPP	01	
		Output 2 B (89)		86	420	80	INCL	(SP2)		OPP	01	
		Output 1 E (112)		108	400	76.5	INCL	(SP2)		OPP	01	
		Output 2 C (104)		100	420	80	INCL	(SP2)		OPP	01	
		Output 1 J (132)		127	380	73	INCL	(SP2)		OPP	01	
		Output 2 E (121)		116	400	76.5	INCL	(SP2)		OPP	01	
		Output 1 O (168)		162	350	67	INCL	(SP2)		OPP	01	
		Output 2 J (152)		147	380	73	INCL	(SP2)		OPP	01	
6800		Forward (55)		70	150	30	INCL			BOTH	01	
		Reverse (52)		80	150	30	INCL			BOTH	01	
8000		Forward (40)		40	500	95	INCL			BOTH	01	
		Reverse (50)		47	500	95	INCL			BOTH	01	
8500		B (57)		36	500	95	INCL			OPP	01	
		C (70)		48	500	95	INCL			OPP	01	
		E (86)		58	480	90	INCL			OPP	01	
		J (105)		72	450	86	INCL			OPP	01	
		O (127)		83	400	76	INCL			OPP	01	
		R (137)		91	360	68	INCL			OPP	01	
		S (150)		99	320	62	INCL			OPP	01	
	T (165)		109	280	54	INCL			OPP	01		

FOOT NOTES:

SP2: Possible internal transmission gear interference with 4100 series "J" & "O" ratios. Check before installing PTO.

For complete part numbers, consult the PTO Series section (page 25)







Spicer



1310-2A(301292)
1310-4A(301317)

PS130-10A(301485)
PS130-12A(301484)

PS85-10LL
PS85-14-4L(301525)

SPIC.04

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000	B (55)		54		250	49	S3		61875	OPP	01	
	C (73)		72		250	49	S3		61875	OPP	01	
	E (86)		86		225	44	S3		61875	OPP	01	
	J (95)		94		225	44	S3		61875	OPP	01	
	O (125)		123		200	39	S3		61875	OPP	01	
	R (137)		135		200	39	S3		61875	OPP	01	
	S (150)		148		190	37	S3		61875	OPP	01	
	T (165)		163		175	34	S3		61875	OPP	01	
3200	Z (40)		39		250	49	S3		61875	OPP	01	
	A (50)		49		250	49	S3		61875	OPP	01	
	B (55)		54		250	49	S3		61875	OPP	01	
	C (73)		72		250	49	S3		61875	OPP	01	
	E (86)		86		225	44	S3		61875	OPP	01	
	J (95)		94		225	44	S3		61875	OPP	01	
	O (125)		123		200	39	S3		61875	OPP	01	
	R (137)		135		200	39	S3		61875	OPP	01	
	S (150)		148		190	37	S3		61875	OPP	01	
	T (165)		162		175	34	S3		61875	OPP	01	
6000	Forward (73)		72		150	30	S3		61875	BOTH	01	
	Reverse (83)		82		150	30	S3		61875	BOTH	01	

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000	A (50)		49		250		INCL		GA8062	OPP	01	
	B (55)		54		250	49	INCL		GA8062	OPP	01	
	C (73)		72		250	49	INCL		GA8062	OPP	01	
	E (86)		86		225	44	INCL		GA8062	OPP	01	
	J (95)		94		225	44	INCL		GA8062	OPP	01	
	O (125)		123		200	39	INCL		GA8062	OPP	01	
	R (137)		135		200	39	INCL		GA8062	OPP	01	
	S (150)		148		190	37	INCL		GA8062	OPP	01	
	T (165)		163		175	34	INCL		GA8062	OPP	01	

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)









Spicer

1310-2A(301292)
1310-4A(301317)

PS130-10A(301485)
PS130-12A(301484)

PS85-10LL
PS85-14-4L(301525)

SPIC.04

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
3800		Z (40)		39	250	49	INCL	CLUTCH SHIFT	GA8062	OPP	01	
		A (50)		49	250	49	INCL	CLUTCH SHIFT	GA8062	OPP	01	
		B (55)		54	250	49	INCL	CLUTCH SHIFT	GA8062	OPP	01	
		C (73)		72	250	49	INCL	CLUTCH SHIFT	GA8062	OPP	01	
		E (86)		86	225	44	INCL	CLUTCH SHIFT	GA8062	OPP	01	
		J (95)		94	225	44	INCL	CLUTCH SHIFT	GA8062	OPP	01	
		O (125)		123	200	39	INCL	CLUTCH SHIFT	GA8062	OPP	01	
		R (137)		135	200	39	INCL	CLUTCH SHIFT	GA8062	OPP	01	
		S (150)		148	190	37	INCL	CLUTCH SHIFT	GA8062	OPP	01	
		T (165)		162	175	34	INCL	CLUTCH SHIFT	GA8062	OPP	01	
4100		B (57)		56	450	87	INCL	(SP2)	GA8062	OPP	01	
		C (70)		69	470	90	INCL	(SP2)	GA8062	OPP	01	
		E (86)		85	470	90	INCL	(SP2)	GA8062	OPP	01	
		J (105)		103	400	77	INCL	(SP2)	GA8062	OPP	01	
4250		Output 1 C (96)		95	420	80	INCL	(SP2)		OPP	01	
		Output 2 B (89)		88	420	80	INCL	(SP2)		OPP	01	
		Output 1 E (112)		111	400	76.5	INCL	(SP2)		OPP	01	
		Output 2 C (104)		102	420	80	INCL	(SP2)		OPP	01	
		Output 1 J (132)		130	380	73	INCL	(SP2)		OPP	01	
		Output 2 E (121)		119	400	76.5	INCL	(SP2)		OPP	01	
		Output 1 O (168)		166	350	67	INCL	(SP2)		OPP	01	
		Output 2 J (152)		150	380	73	INCL	(SP2)		OPP	01	
6800		Forward (55)		72	150	30	INCL		GA8062	BOTH	01	
		Reverse (52)		82	150	30	INCL		GA8062	BOTH	01	
8000		Forward (40)		41	500	95	INCL		GA8062	BOTH	01	
		Reverse (50)		48	500	95	INCL		GA8062	BOTH	01	
8500		B (57)		37	500	95	INCL		GA8062	OPP	01	
		C (70)		49	500	95	INCL		GA8062	OPP	01	
		E (86)		59	480	90	INCL		GA8062	OPP	01	
		J (105)		73	450	86	INCL		GA8062	OPP	01	
		O (127)		85	400	76	INCL		GA8062	OPP	01	
		R (137)		93	360	68	INCL		GA8062	OPP	01	
		S (150)		102	320	62	INCL		GA8062	OPP	01	
	T (165)		112	280	54	INCL		GA8062	OPP	01		

FOOT NOTES:





SP2: Possible internal transmission gear interference with 4100 series "J" & "O" ratios. Check before installing PTO.

//////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //////////////////////////////////////

Spicer

ES54-5A

SPIC.05

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		38	250	49	S3		GA6093	OPP	30	
		C (73)		50	250	49	S3		GA6093	OPP	30	
		E (86)		60	225	44	S3		GA6093	OPP	30	
		J (95)		66	225	44	S3		GA6093	OPP	30	
		O (125)		86	200	39	S3		GA6093	OPP	30	
		R (137)		95	200	39	S3		GA6093	OPP	30	
		S (150)		104	190	37	S3		GA6093	OPP	30	
		T (165)		114	175	34	S3		GA6093	OPP	30	
3200		Z (40)		28	250	49	S3		GA6093	OPP	30	
		A (50)		35	250	49	S3		GA6093	OPP	30	
		B (55)		38	250	49	S3		GA6093	OPP	30	
		C (73)		50	250	49	S3		GA6093	OPP	30	
		E (86)		60	225	44	S3		GA6093	OPP	30	
		J (95)		66	225	44	S3		GA6093	OPP	30	
		O (125)		86	200	39	S3		GA6093	OPP	30	
		R (137)		94	200	39	S3		GA6093	OPP	30	
		S (150)		104	190	37	S3		GA6093	OPP	30	
		T (165)		114	175	34	S3		GA6093	OPP	30	
6000		Forward (73)		50	150	30	S3		GA6093	BOTH	30	
		Reverse (83)		57	150	30	S3		GA6093	BOTH	30	

Spicer

////////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //







Spicer

CM-4954A(301386)

ES43-5A(301510)(301633) ES52-5A(301455)

ES53-5A(301508)(301631) **SPIC.06**

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		40	250	49	INCL	(SP6,11)		OPP	33	
		C (73)		53	250	49	INCL	(SP6,11)		OPP	33	
		E (86)		64	225	44	INCL	(SP6,11)		OPP	33	
		J (95)		69	225	44	INCL	(SP6,11)		OPP	33	
		O (125)		91	200	39	INCL	(SP6,11)		OPP	33	
		R (137)		100	200	39	INCL	(SP6,11)		OPP	33	
		S (150)		110	190	37	INCL	(SP6,11)		OPP	33	
		T (165)		121	175	34	INCL	(SP6,11)		OPP	33	
3200		Z (40)		29	250	49	INCL	(SP6,11)		OPP	33	
		A (50)		37	250	49	INCL	(SP6,11)		OPP	33	
		B (55)		40	250	49	INCL	(SP6,11)		OPP	33	
		C (73)		53	250	49	INCL	(SP6,11)		OPP	33	
		E (86)		64	225	44	INCL	(SP6,11)		OPP	33	
		J (95)		70	225	44	INCL	(SP6,11)		OPP	33	
		O (125)		91	200	39	INCL	(SP6,11)		OPP	33	
		R (137)		100	200	39	INCL	(SP6,11)		OPP	33	
		S (150)		110	190	37	INCL	(SP6,11)		OPP	33	
6000		Forward (73)		53	150	30	INCL	(SP11)		BOTH	33	
		Reverse (83)		61	150	30	INCL	(SP11)		BOTH	33	





FOOT NOTES:

- SP6: Direct mount pumps may encounter interference with transmission case in left mounting.
- SP11: There are two openings on the left side of the transmission. Only the front opening is set up for PTO usage.

For complete part numbers, consult the PTO Series section (page 25)



CM-4954D(301387) ES43-5D(301511)(301634) ES52-5D(301456) ES53-5D(301509)(301632) **SPIC.07**

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000	B (55)			43	250	49	S3	(SP6,11,12)	GA6125	OPP	33	
	C (73)			57	250	49	S3	(SP6,11,12)	GA6125	OPP	33	
	E (86)			68	225	44	S3	(SP6,11,12)	GA6125	OPP	33	
	J (95)			74	225	44	S3	(SP6,11,12)	GA6125	OPP	33	
	O (125)			97	200	39	S3	(SP6,11,12)	GA6125	OPP	33	
	R (137)			106	200	39	S3	(SP6,11,12)	GA6125	OPP	33	
	S (150)			117	190	37	S3	(SP6,11,12)	GA6125	OPP	33	
	T (165)			128	175	34	S3	(SP6,11,12)	GA6125	OPP	33	
3200	Z (40)			31	250	49	S3	(SP6,11,12)	GA6125	OPP	33	
	A (50)			39	250	49	S3	(SP6,11,12)	GA6125	OPP	33	
	B (55)			43	250	49	S3	(SP6,11,12)	GA6125	OPP	33	
	C (73)			57	250	49	S3	(SP6,11,12)	GA6125	OPP	33	
	E (86)			68	225	44	S3	(SP6,11,12)	GA6125	OPP	33	
	J (95)			74	225	44	S3	(SP6,11,12)	GA6125	OPP	33	
	O (125)			97	200	39	S3	(SP6,11,12)	GA6125	OPP	33	
	R (137)			106	200	39	S3	(SP6,11,12)	GA6125	OPP	33	
	S (150)			117	190	37	S3	(SP6,11,12)	GA6125	OPP	33	
	T (165)			128	175	34	S3	(SP6,11,12)	GA6125	OPP	33	
6000	Forward (73)			57	150	30	S3	(SP6,11,12)	GA6125	BOTH	33	
	Reverse (83)			65	150	30	S3	(SP6,11,12)	GA6125	BOTH	33	

FOOT NOTES:

- SP6:** Direct mount pumps may encounter interference with transmission case in left mounting.
- SP11:** There are two openings on the left side of the transmission. Only the front opening is set up for PTO usage.
- SP12:** PTO interferes with exhaust and front driveshaft on IHC Series 1854-4x4.

////////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //



Spicer


1007-2B(301118)(301207)
1062C(301133)
1064C(301136)

1207-2B(301196)
1207-2D(301240)
1272A(301140)(301215)

1274A(301141)(301216)
1362B(301171)
1362C(301178)

1362D(301180)
1364C(301179)
PS130-6B(301471)


SPIC.08

6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1010		B (55)		58	250	49	INCL		6140S	OPP	01	
		C (73)		77	250	49	INCL		6140S	OPP	01	
		E (86)		91	225	44	INCL		6140S	OPP	01	
		J (95)		100	225	44	INCL		6140S	OPP	01	
		O (125)		131	200	39	INCL		6140S	OPP	01	
		R (137)		144	200	39	INCL		6140S	OPP	01	
		S (150)		157	190	37	INCL		6140S	OPP	01	
		T (165)		173	175	34	INCL		6140S	OPP	01	

ES52-7A(301451)(301635)

ES52-7B(301642)(301637)

SPIC.11

6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1010		B (55)		37	250	49	INCL	(SP3,4,13)		OPP	34	
		C (73)		48	250	49	INCL	(SP3,4,13)		OPP	34	
		E (86)		58	225	44	INCL	(SP3,4,13)		OPP	34	
		J (95)		63	225	44	INCL	(SP3,4,13)		OPP	34	
		O (125)		83	200	39	INCL	(SP3,4,13)		OPP	34	
		R (137)		91	200	39	INCL	(SP3,4,13)		OPP	34	
		S (150)		100	190	37	INCL	(SP3,4,13)		OPP	34	
		T (165)		110	175	34	INCL	(SP3,4,13)		OPP	34	




FOOT NOTES:

- SP3:** Check for possible interference with exhaust.
- SP4:** Possible clearance issue with direct mount pump. May need to use "3" assembly arrangement.
- SP13:** Left Side: Direct mount pump interferes with flange on transmission at rear of PTO opening. Shaft-high assembly arrangement interferes with bulge in transmission case.

For complete part numbers, consult the PTO Series section (page 25)

ES46-5A

SPIC.12

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		41	250	49	INCL	GEAR NOT CUT		OPP	35	
		C (73)		54	250	49	INCL	GEAR NOT CUT		OPP	35	
		E (86)		65	225	44	INCL	GEAR NOT CUT		OPP	35	
		J (95)		71	225	44	INCL	GEAR NOT CUT		OPP	35	
		O (125)		93	200	39	INCL	GEAR NOT CUT		OPP	35	
		R (137)		102	200	39	INCL	GEAR NOT CUT		OPP	35	
		S (150)		112	190	37	INCL	GEAR NOT CUT		OPP	35	
		T (165)		123	175	34	INCL	GEAR NOT CUT		OPP	35	
3200		Z (40)		30	250	49	INCL	GEAR NOT CUT		OPP	35	
		A (50)		37	250	49	INCL	GEAR NOT CUT		OPP	35	
		B (55)		41	250	49	INCL	GEAR NOT CUT		OPP	35	
		C (73)		54	250	49	INCL	GEAR NOT CUT		OPP	35	
		E (86)		65	225	44	INCL	GEAR NOT CUT		OPP	35	
		J (95)		71	225	44	INCL	GEAR NOT CUT		OPP	35	
		O (125)		93	200	39	INCL	GEAR NOT CUT		OPP	35	
		R (137)		102	200	39	INCL	GEAR NOT CUT		OPP	35	
		S (150)		112	190	37	INCL	GEAR NOT CUT		OPP	35	
		T (165)		123	175	34	INCL	GEAR NOT CUT		OPP	35	

For complete part numbers, consult the PTO Series section (page 25)






Spicer



5652(8-BOLT&6-BOLTOPENING)

5652B(8-BOLT&6-BOLTOPENING)

5852

SPIC.14

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		24	250	49	INCL			OPP	03	
		C (73)		32	250	49	INCL			OPP	03	
		E (86)		39	225	44	INCL			OPP	03	
		J (95)		42	225	44	INCL			OPP	03	
		O (125)		56	200	39	INCL			OPP	03	
		R (137)		61	200	39	INCL			OPP	03	
		S (150)		67	190	37	INCL			OPP	03	
		T (165)		73	175	34	INCL			OPP	03	
3200		Z (40)		18	250	49	INCL			OPP	03	
		A (50)		22	250	49	INCL			OPP	03	
		B (55)		24	250	49	INCL			OPP	03	
		C (73)		32	250	49	INCL			OPP	03	
		E (86)		39	225	44	INCL			OPP	03	
		J (95)		43	225	44	INCL			OPP	03	
		O (125)		56	200	39	INCL			OPP	03	
		R (137)		61	200	39	INCL			OPP	03	
		S (150)		67	190	37	INCL			OPP	03	
	T (165)		73	175	34	INCL			OPP	03		

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)			250		S4		8295S	OPP	08	
		B (55)		46	250	49	S4		8295S	OPP	08	
		C (73)		61	250	49	S4		8295S	OPP	08	
		E (86)		73	225	44	S4		8295S	OPP	08	
		J (95)		80	225	44	S4		8295S	OPP	08	
		O (125)		105	200	39	S4		8295S	OPP	08	
		R (137)		115	200	39	S4		8295S	OPP	08	
		S (150)		126	190	37	S4		8295S	OPP	08	
		T (165)		138	175	34	S4		8295S	OPP	08	

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)






Spicer

5652(8-BOLT&6-BOLTOPENING)

5652B(8-BOLT&6-BOLTOPENING)

5852

SPIC.14

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
3800		Z (40)		37	250	49	S4	CLUTCH SHIFT	8295S	OPP	08	
		A (50)		46	250	49	S4	CLUTCH SHIFT	8295S	OPP	08	
		B (55)		50	250	49	S4	CLUTCH SHIFT	8295S	OPP	08	
		C (73)		67	250	49	S4	CLUTCH SHIFT	8295S	OPP	08	
		E (86)		80	225	44	S4	CLUTCH SHIFT	8295S	OPP	08	
		J (95)		87	225	44	S4	CLUTCH SHIFT	8295S	OPP	08	
		O (125)		114	200	39	S4	CLUTCH SHIFT	8295S	OPP	08	
		R (137)		125	200	39	S4	CLUTCH SHIFT	8295S	OPP	08	
		S (150)		137	190	37	S4	CLUTCH SHIFT	8295S	OPP	08	
	T (165)		150	175	34	S4	CLUTCH SHIFT	8295S	OPP	08		
6800		Forward (55)		67	150	30	S4		8295S	BOTH	08	
		Reverse (52)		76	150	30	S4		8295S	BOTH	08	
8000		Forward (40)		38	500	95	S4		8295S	BOTH	08	
		Reverse (50)		45	500	95	S4		8295S	BOTH	08	
8500		B (57)		35	500	95	S4		8295S	OPP	08	
		C (70)		46	500	95	S4		8295S	OPP	08	
		E (86)		55	480	90	S4		8295S	OPP	08	
		J (105)		68	450	86	S4		8295S	OPP	08	
		O (127)		78	400	76	S4		8295S	OPP	08	
		R (137)		86	360	68	S4		8295S	OPP	08	
		S (150)		94	320	62	S4		8295S	OPP	08	
	T (165)		104	280	54	S4		8295S	OPP	08		

For complete part numbers, consult the PTO Series section (page 25)






Spicer

5652A(8-BOLT&6-BOLTOPENING)

5752(8-BOLT&6-BOLTOPENING)

SPIC.15

6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		24	250	49	INCL			OPP	03	
		C (73)		32	250	49	INCL			OPP	03	
		E (86)		39	225	44	INCL			OPP	03	
		J (95)		42	225	44	INCL			OPP	03	
		O (125)		56	200	39	INCL			OPP	03	
		R (137)		61	200	39	INCL			OPP	03	
		S (150)		67	190	37	INCL			OPP	03	
		T (165)		73	175	34	INCL			OPP	03	
3200		Z (40)		16	250	49	INCL	CLUTCH SHIFT		OPP	03	
		A (50)		20	250	49	INCL	CLUTCH SHIFT		OPP	03	
		B (55)		22	250	49	INCL	CLUTCH SHIFT		OPP	03	
		C (73)		30	250	49	INCL	CLUTCH SHIFT		OPP	03	
		E (86)		36	225	44	INCL	CLUTCH SHIFT		OPP	03	
		J (95)		39	225	44	INCL	CLUTCH SHIFT		OPP	03	
		O (125)		51	200	39	INCL	CLUTCH SHIFT		OPP	03	
		R (137)		56	200	39	INCL	CLUTCH SHIFT		OPP	03	
		S (150)		61	190	37	INCL	CLUTCH SHIFT		OPP	03	
	T (165)		67	175	34	INCL	CLUTCH SHIFT		OPP	03		

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)			250		S4		8190S	OPP	08	
		B (55)		44	250	49	S4		8190S	OPP	08	
		C (73)		58	250	49	S4		8190S	OPP	08	
		E (86)		69	225	44	S4		8190S	OPP	08	
		J (95)		76	225	44	S4		8190S	OPP	08	
		O (125)		100	200	39	S4		8190S	OPP	08	
		R (137)		109	200	39	S4		8190S	OPP	08	
		S (150)		119	190	37	S4		8190S	OPP	08	
		T (165)		131	175	34	S4		8190S	OPP	08	

CONTINUES →






For complete part numbers, consult the PTO Series section (page 25)

Spicer

5652A(8-BOLT&6-BOLTOPENING)

5752(8-BOLT&6-BOLTOPENING)

SPIC.15

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
3800		Z (40)		35	250	49	S4	CLUTCH SHIFT	8190S	OPP	08	
		A (50)		43	250	49	S4	CLUTCH SHIFT	8190S	OPP	08	
		B (55)		48	250	49	S4	CLUTCH SHIFT	8190S	OPP	08	
		C (73)		63	250	49	S4	CLUTCH SHIFT	8190S	OPP	08	
		E (86)		76	225	44	S4	CLUTCH SHIFT	8190S	OPP	08	
		J (95)		83	225	44	S4	CLUTCH SHIFT	8190S	OPP	08	
		O (125)		109	200	39	S4	CLUTCH SHIFT	8190S	OPP	08	
		R (137)		119	200	39	S4	CLUTCH SHIFT	8190S	OPP	08	
		S (150)		130	190	37	S4	CLUTCH SHIFT	8190S	OPP	08	
	T (165)		143	175	34	S4	CLUTCH SHIFT	8190S	OPP	08		
6800		Forward (55)		63	150	30	S4		8190S	BOTH	08	
		Reverse (52)		72	150	30	S4		8190S	BOTH	08	
8000		Forward (40)		36	500	95	S4		8190S	BOTH	08	
		Reverse (50)		43	500	95	S4		8190S	BOTH	08	
8500		B (57)		33	500	95	S4		8190S	OPP	08	
		C (70)		44	500	95	S4		8190S	OPP	08	
		E (86)		52	480	90	S4		8190S	OPP	08	
		J (105)		64	450	86	S4		8190S	OPP	08	
		O (127)		75	400	76	S4		8190S	OPP	08	
		R (137)		82	360	68	S4		8190S	OPP	08	
		S (150)		90	320	62	S4		8190S	OPP	08	
	T (165)		99	280	54	S4		8190S	OPP	08		

Spicer

For complete part numbers, consult the PTO Series section (page 25)







Spicer

CM-4054A(301329)(301420)

ES42-5A(301438)

SPIC.16





	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		43	250	49	INCL			OPP	11	
		C (73)		57	250	49	INCL			OPP	11	
		E (86)		68	225	44	INCL			OPP	11	
		J (95)		74	225	44	INCL			OPP	11	
		O (125)		98	200	39	INCL			OPP	11	
		R (137)		107	200	39	INCL			OPP	11	
		S (150)		118	190	37	INCL			OPP	11	
		T (165)		129	175	34	INCL			OPP	11	
3200		Z (40)		31	250	49	INCL	CLUTCH SHIFT		OPP	11	
		A (50)		39	250	49	INCL	CLUTCH SHIFT		OPP	11	
		B (55)		43	250	49	INCL	CLUTCH SHIFT		OPP	11	
		C (73)		57	250	49	INCL	CLUTCH SHIFT		OPP	11	
		E (86)		69	225	44	INCL	CLUTCH SHIFT		OPP	11	
		J (95)		75	225	44	INCL	CLUTCH SHIFT		OPP	11	
		O (125)		98	200	39	INCL	CLUTCH SHIFT		OPP	11	
		R (137)		107	200	39	INCL	CLUTCH SHIFT		OPP	11	
		S (150)		118	190	37	INCL	CLUTCH SHIFT		OPP	11	
	T (165)		129	175	34	INCL	CLUTCH SHIFT		OPP	11		
6000		Forward (73)		57	150	30	INCL			BOTH	11	
		Reverse (83)		65	150	30	INCL			BOTH	11	

For complete part numbers, consult the PTO Series section (page 25)

CM-4054D(301343)(301421)

ES42-5D(301439)

SPIC.17

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		45	250	49	S3	(SP10)	6140S	OPP	11	
		C (73)		60	250	49	S3	(SP10)	6140S	OPP	11	
		E (86)		72	225	44	S3	(SP10)	6140S	OPP	11	
		J (95)		78	225	44	S3	(SP10)	6140S	OPP	11	
		O (125)		103	200	39	S3	(SP10)	6140S	OPP	11	
		R (137)		113	200	39	S3	(SP10)	6140S	OPP	11	
		S (150)		123	190	37	S3	(SP10)	6140S	OPP	11	
	T (165)		136	175	34	S3	(SP10)	6140S	OPP	11		
3200		Z (40)		33	250	49	S3	(SP10) CLUTCH SHIFT	6140S	OPP	11	
		A (50)		41	250	49	S3	(SP10) CLUTCH SHIFT	6140S	OPP	11	
		B (55)		45	250	49	S3	(SP10) CLUTCH SHIFT	6140S	OPP	11	
		C (73)		60	250	49	S3	(SP10) CLUTCH SHIFT	6140S	OPP	11	
		E (86)		72	225	44	S3	(SP10) CLUTCH SHIFT	6140S	OPP	11	
		J (95)		79	225	44	S3	(SP10) CLUTCH SHIFT	6140S	OPP	11	
		O (125)		103	200	39	S3	(SP10) CLUTCH SHIFT	6140S	OPP	11	
		R (137)		113	200	39	S3	(SP10) CLUTCH SHIFT	6140S	OPP	11	
		S (150)		123	190	37	S3	(SP10) CLUTCH SHIFT	6140S	OPP	11	
	T (165)		136	175	34	S3	(SP10) CLUTCH SHIFT	6140S	OPP	11		
6000		Forward (73)		60	150	30	S3	(SP10)	6140S	BOTH	11	
		Reverse (83)		68	150	30	S3	(SP10)	6140S	BOTH	11	

FOOT NOTES:

SP10: PTO's may interfere with a brake mechanism located on this side of the transmission.

////////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //






Spicer


CM-5052A(301068)(301472)
 CM-5052C(301249)(301080)
 CM-5510(301315)(301371)
 CM-5552A(301309)(301366)

CM-5552C(301311)(301368)
 CM-5952A(301360)
 CM-5952C(301362)
 ES60-5A(301460)

ES60-5C(301461)
 ES60-5F(301482)
 ES62-5A(301528)
 ES67-5A(301532)

SPIC.18

6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		46	250	49	S5		6400S	OPP	08	
		C (73)		61	250	49	S5		6400S	OPP	08	
		E (86)		73	225	44	S5		6400S	OPP	08	
		J (95)		80	225	44	S5		6400S	OPP	08	
		O (125)		105	200	39	S5		6400S	OPP	08	
		R (137)		115	200	39	S5		6400S	OPP	08	
		S (150)		126	190	37	S5		6400S	OPP	08	
		T (165)		138	175	34	S5		6400S	OPP	08	
3200		Z (40)		33	250	49	S5	CLUTCH SHIFT	6400S	OPP	08	
		A (50)		42	250	49	S5	CLUTCH SHIFT	6400S	OPP	08	
		B (55)		46	250	49	S5	CLUTCH SHIFT	6400S	OPP	08	
		C (73)		61	250	49	S5	CLUTCH SHIFT	6400S	OPP	08	
		E (86)		73	225	44	S5	CLUTCH SHIFT	6400S	OPP	08	
		J (95)		80	225	44	S5	CLUTCH SHIFT	6400S	OPP	08	
		O (125)		105	200	39	S5	CLUTCH SHIFT	6400S	OPP	08	
		R (137)		115	200	39	S5	CLUTCH SHIFT	6400S	OPP	08	
6000		Forward (73)		61	150	30	S5		6400S	BOTH	08	
		Reverse (83)		69	150	30	S5		6400S	BOTH	08	

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)			250		S4	(SP7) GA8093	8248S	OPP	08	
		B (55)		46	250	49	S4	(SP7) GA8093	8248S	OPP	08	
		C (73)		61	250	49	S4	(SP7) GA8093	8248S	OPP	08	
		E (86)		73	225	44	S4	(SP7) GA8093	8248S	OPP	08	
		J (95)		80	225	44	S4	(SP7) GA8093	8248S	OPP	08	
		O (125)		105	200	39	S4	(SP7) GA8093	8248S	OPP	08	
		R (137)		115	200	39	S4	(SP7) GA8093	8248S	OPP	08	
		S (150)		126	190	37	S4	(SP7) GA8093	8248S	OPP	08	
	T (165)		138	175	34	S4	(SP7) GA8093	8248S	OPP	08		

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)






Spicer

CM-5052A(301068)(301472)
 CM-5052C(301249)(301080)
 CM-5510(301315)(301371)
 CM-5552A(301309)(301366)

CM-5552C(301311)(301368)
 CM-5952A(301360)
 CM-5952C(301362)
 ES60-5A(301460)

ES60-5C(301461)
 ES60-5F(301482)
 ES62-5A(301528)
 ES67-5A(301532)

SPIC.18

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
3800		Z (40)		37	250	49	S4	(SP7) GA8093 CLUTCH SHIFT	8248S	OPP	08	
		A (50)		46	250	49	S4	(SP7) GA8093 CLUTCH SHIFT	8248S	OPP	08	
		B (55)		50	250	49	S4	(SP7) GA8093 CLUTCH SHIFT	8248S	OPP	08	
		C (73)		67	250	49	S4	(SP7) GA8093 CLUTCH SHIFT	8248S	OPP	08	
		E (86)		80	225	44	S4	(SP7) GA8093 CLUTCH SHIFT	8248S	OPP	08	
		J (95)		87	225	44	S4	(SP7) GA8093 CLUTCH SHIFT	8248S	OPP	08	
		O (125)		114	200	39	S4	(SP7) GA8093 CLUTCH SHIFT	8248S	OPP	08	
		R (137)		125	200	39	S4	(SP7) GA8093 CLUTCH SHIFT	8248S	OPP	08	
		S (150)		137	190	37	S4	(SP7) GA8093 CLUTCH SHIFT	8248S	OPP	08	
		T (165)		150	175	34	S4	(SP7) GA8093 CLUTCH SHIFT	8248S	OPP	08	
6800		Forward (55)		67	150	30	S4	(SP7) GA8093	8248S	BOTH	08	
		Reverse (52)		76	150	30	S4	(SP7) GA8093	8248S	BOTH	08	
8000		Forward (40)		38	500	95	S4	(SP7) GA8093	8248S	BOTH	08	
		Reverse (50)		45	500	95	S4	(SP7) GA8093	8248S	BOTH	08	
		B (57)		35	500	95	S4	(SP7) GA8093	8248S	OPP	08	
		C (70)		46	500	95	S4	(SP7) GA8093	8248S	OPP	08	
		E (86)		55	480	90	S4	(SP7) GA8093	8248S	OPP	08	
8500		J (105)		68	450	86	S4	(SP7) GA8093	8248S	OPP	08	
		O (127)		78	400	76	S4	(SP7) GA8093	8248S	OPP	08	
		R (137)		86	360	68	S4	(SP7) GA8093	8248S	OPP	08	
		S (150)		94	320	62	S4	(SP7) GA8093	8248S	OPP	08	
		T (165)		104	280	54	S4	(SP7) GA8093	8248S	OPP	08	

FOOT NOTES:

SP7: Use "3" assembly arrangement for MACK Midliner.

For complete part numbers, consult the PTO Series section (page 25)






Spicer

CM-5052B(301248)(301079)

CM-5552B(301310)(301367)

CM-5952B(301361)

SPIC.19

6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		44	250	49	S3		6200S	OPP	08	
		C (73)		58	250	49	S3		6200S	OPP	08	
		E (86)		69	225	44	S3		6200S	OPP	08	
		J (95)		76	225	44	S3		6200S	OPP	08	
		O (125)		100	200	39	S3		6200S	OPP	08	
		R (137)		109	200	39	S3		6200S	OPP	08	
		S (150)		119	190	37	S3		6200S	OPP	08	
		T (165)		131	175	34	S3		6200S	OPP	08	
3200		Z (40)		32	250	49	S3	CLUTCH SHIFT	6200S	OPP	08	
		A (50)		40	250	49	S3	CLUTCH SHIFT	6200S	OPP	08	
		B (55)		44	250	49	S3	CLUTCH SHIFT	6200S	OPP	08	
		C (73)		58	250	49	S3	CLUTCH SHIFT	6200S	OPP	08	
		E (86)		70	225	44	S3	CLUTCH SHIFT	6200S	OPP	08	
		J (95)		76	225	44	S3	CLUTCH SHIFT	6200S	OPP	08	
		O (125)		100	200	39	S3	CLUTCH SHIFT	6200S	OPP	08	
		R (137)		109	200	39	S3	CLUTCH SHIFT	6200S	OPP	08	
		S (150)		119	190	37	S3	CLUTCH SHIFT	6200S	OPP	08	
	T (165)		131	175	34	S3	CLUTCH SHIFT	6200S	OPP	08		
6000		Forward (73)		58	150	30	S3		6200S	BOTH	08	
		Reverse (83)		66	150	30	S3		6200S	BOTH	08	

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)			250		INCL	GA8062	8093S	OPP	08	
		B (55)		44	250	49	INCL	GA8062	8093S	OPP	08	
		C (73)		58	250	49	INCL	GA8062	8093S	OPP	08	
		E (86)		69	225	44	INCL	GA8062	8093S	OPP	08	
		J (95)		76	225	44	INCL	GA8062	8093S	OPP	08	
		O (125)		100	200	39	INCL	GA8062	8093S	OPP	08	
		R (137)		109	200	39	INCL	GA8062	8093S	OPP	08	
		S (150)		119	190	37	INCL	GA8062	8093S	OPP	08	
	T (165)		131	175	34	INCL	GA8062	8093S	OPP	08		

CONTINUES →





For complete part numbers, consult the PTO Series section (page 25)

CM-5052B(301248)(301079)

CM-5552B(301310)(301367)

CM-5952B(301361)

SPIC.19

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
3800		Z (40)		35	250	49	INCL	GA8062 CLUTCH SHIFT	8093S	OPP	08	
		A (50)		43	250	49	INCL	GA8062 CLUTCH SHIFT	8093S	OPP	08	
		B (55)		48	250	49	INCL	GA8062 CLUTCH SHIFT	8093S	OPP	08	
		C (73)		63	250	49	INCL	GA8062 CLUTCH SHIFT	8093S	OPP	08	
		E (86)		76	225	44	INCL	GA8062 CLUTCH SHIFT	8093S	OPP	08	
		J (95)		83	225	44	INCL	GA8062 CLUTCH SHIFT	8093S	OPP	08	
		O (125)		109	200	39	INCL	GA8062 CLUTCH SHIFT	8093S	OPP	08	
		R (137)		119	200	39	INCL	GA8062 CLUTCH SHIFT	8093S	OPP	08	
		S (150)		130	190	37	INCL	GA8062 CLUTCH SHIFT	8093S	OPP	08	
	T (165)		143	175	34	INCL	GA8062 CLUTCH SHIFT	8093S	OPP	08		
6800		Forward (55)		63	150	30	INCL	GA8062	8093S	BOTH	08	
		Reverse (52)		72	150	30	INCL	GA8062	8093S	BOTH	08	
8000		Forward (40)		36	500	95	INCL	GA8062	8093S	BOTH	08	
		Reverse (50)		43	500	95	INCL	GA8062	8093S	BOTH	08	
8500		B (57)		33	500	95	INCL	GA8062	8093S	OPP	08	
		C (70)		44	500	95	INCL	GA8062	8093S	OPP	08	
		E (86)		52	480	90	INCL	GA8062	8093S	OPP	08	
		J (105)		64	450	86	INCL	GA8062	8093S	OPP	08	
		O (127)		75	400	76	INCL	GA8062	8093S	OPP	08	
		R (137)		82	360	68	INCL	GA8062	8093S	OPP	08	
		S (150)		90	320	62	INCL	GA8062	8093S	OPP	08	
	T (165)		99	280	54	INCL	GA8062	8093S	OPP	08		

For complete part numbers, consult the PTO Series section (page 25)






Spicer


CM-5052D(301250)(301230)
 CM-5552D(301312)(301369)
 CM-5952D(301363)

ES55-5D
 ES60-5D(301462)
 ES62-5D(301530)

ES67-5D(301534)
 ES68-5D

SPIC.20

6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		48	250	49	S5		6500S	OPP	08	
		C (73)		64	250	49	S5		6500S	OPP	08	
		E (86)		77	225	44	S5		6500S	OPP	08	
		J (95)		84	225	44	S5		6500S	OPP	08	
		O (125)		110	200	39	S5		6500S	OPP	08	
		R (137)		121	200	39	S5		6500S	OPP	08	
		S (150)		132	190	37	S5		6500S	OPP	08	
		T (165)		145	175	34	S5		6500S	OPP	08	
3200		Z (40)		35	250	49	S5	CLUTCH SHIFT	6500S	OPP	08	
		A (50)		44	250	49	S5	CLUTCH SHIFT	6500S	OPP	08	
		B (55)		48	250	49	S5	CLUTCH SHIFT	6500S	OPP	08	
		C (73)		64	250	49	S5	CLUTCH SHIFT	6500S	OPP	08	
		E (86)		77	225	44	S5	CLUTCH SHIFT	6500S	OPP	08	
		J (95)		84	225	44	S5	CLUTCH SHIFT	6500S	OPP	08	
		O (125)		110	200	39	S5	CLUTCH SHIFT	6500S	OPP	08	
		R (137)		120	200	39	S5	CLUTCH SHIFT	6500S	OPP	08	
		S (150)		132	190	37	S5	CLUTCH SHIFT	6500S	OPP	08	
	T (165)		145	175	34	S5	CLUTCH SHIFT	6500S	OPP	08		
6000		Forward (73)		64	150	30	S5		6500S	BOTH	08	
		Reverse (83)		73	150	30	S5		6500S	BOTH	08	

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)			250		S4	(SP7) GA8093	8375S	OPP	08	
		B (55)		48	250	49	S4	(SP7) GA8093	8375S	OPP	08	
		C (73)		64	250	49	S4	(SP7) GA8093	8375S	OPP	08	
		E (86)		77	225	44	S4	(SP7) GA8093	8375S	OPP	08	
		J (95)		84	225	44	S4	(SP7) GA8093	8375S	OPP	08	
		O (125)		110	200	39	S4	(SP7) GA8093	8375S	OPP	08	
		R (137)		121	200	39	S4	(SP7) GA8093	8375S	OPP	08	
		S (150)		132	190	37	S4	(SP7) GA8093	8375S	OPP	08	
		T (165)		145	175	34	S4	(SP7) GA8093	8375S	OPP	08	

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)





Spicer

CM-5052D(301250)(301230)
 CM-5552D(301312)(301369)
 CM-5952D(301363)

ES55-5D
 ES60-5D(301462)
 ES62-5D(301530)

ES67-5D(301534)
 ES68-5D

SPIC.20

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
3800	Z (40)		38		250	49	S4	(SP7) GA8093 CLUTCH SHIFT	8375S	OPP	08	
	A (50)		48		250	49	S4	(SP7) GA8093 CLUTCH SHIFT	8375S	OPP	08	
	B (55)		53		250	49	S4	(SP7) GA8093 CLUTCH SHIFT	8375S	OPP	08	
	C (73)		70		250	49	S4	(SP7) GA8093 CLUTCH SHIFT	8375S	OPP	08	
	E (86)		84		225	44	S4	(SP7) GA8093 CLUTCH SHIFT	8375S	OPP	08	
	J (95)		92		225	44	S4	(SP7) GA8093 CLUTCH SHIFT	8375S	OPP	08	
	O (125)		120		200	39	S4	(SP7) GA8093 CLUTCH SHIFT	8375S	OPP	08	
	R (137)		131		200	39	S4	(SP7) GA8093 CLUTCH SHIFT	8375S	OPP	08	
	S (150)		144		190	37	S4	(SP7) GA8093 CLUTCH SHIFT	8375S	OPP	08	
	T (165)		158		175	34	S4	(SP7) GA8093 CLUTCH SHIFT	8375S	OPP	08	
6800	Forward (55)		70		150	30	S4	(SP7) GA8093	8375S	BOTH	08	
	Reverse (52)		80		150	30	S4	(SP7) GA8093	8375S	BOTH	08	
8000	Forward (40)		40		500	95	S4	(SP7) GA8093	8375S	BOTH	08	
	Reverse (50)		47		500	95	S4	(SP7) GA8093	8375S	BOTH	08	
8500	B (57)		36		500	95	S4	(SP7) GA8093	8375S	OPP	08	
	C (70)		48		500	95	S4	(SP7) GA8093	8375S	OPP	08	
	E (86)		57		480	90	S4	(SP7) GA8093	8375S	OPP	08	
	J (105)		71		450	86	S4	(SP7) GA8093	8375S	OPP	08	
	O (127)		82		400	76	S4	(SP7) GA8093	8375S	OPP	08	
	R (137)		90		360	68	S4	(SP7) GA8093	8375S	OPP	08	
	S (150)		99		320	62	S4	(SP7) GA8093	8375S	OPP	08	
	T (165)		109		280	54	S4	(SP7) GA8093	8375S	OPP	08	

FOOT NOTES:

SP7: Use "3" assembly arrangement for MACK Midliner.

SP8: Multiply speeds shown by .92 for transmission model CM-5052-D.

For complete part numbers, consult the PTO Series section (page 25)






Spicer

1007-2A(301117)(301206)
1062A(301101)

1064A(301102)
1207-2A(301195)

1362A(301169)
1462A(301173)

SPIC.21

6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000	B (55)			56	250	49	S9	6140S	AD530-1X	ENG	01	
	C (73)			75	250	49	S9	6140S	AD530-1X	ENG	01	
	E (86)			89	225	44	S9	6140S	AD530-1X	ENG	01	
	J (95)			97	225	44	S9	6140S	AD530-1X	ENG	01	
	O (125)			128	200	39	S9	6140S	AD530-1X	ENG	01	
	R (137)			140	200	39	S9	6140S	AD530-1X	ENG	01	
	S (150)			153	190	37	S9	6140S	AD530-1X	ENG	01	
	T (165)			169	175	34	S9	6140S	AD530-1X	ENG	01	
3200	Z (40)			41	250	49	S9	6140S CLUTCH SHIFT	AD530-1X	ENG	01	
	A (50)			51	250	49	S9	6140S CLUTCH SHIFT	AD530-1X	ENG	01	
	B (55)			56	250	49	S9	6140S CLUTCH SHIFT	AD530-1X	ENG	01	
	C (73)			75	250	49	S9	6140S CLUTCH SHIFT	AD530-1X	ENG	01	
	E (86)			89	225	44	S9	6140S CLUTCH SHIFT	AD530-1X	ENG	01	
	J (95)			98	225	44	S9	6140S CLUTCH SHIFT	AD530-1X	ENG	01	
	O (125)			128	200	39	S9	6140S CLUTCH SHIFT	AD530-1X	ENG	01	
	R (137)			140	200	39	S9	6140S CLUTCH SHIFT	AD530-1X	ENG	01	
	S (150)			153	190	37	S9	6140S CLUTCH SHIFT	AD530-1X	ENG	01	
	T (165)			168	175	34	S9	6140S CLUTCH SHIFT	AD530-1X	ENG	01	
6000	Forward (73)			75	150	30	S9	6140S	AD530-1X	BOTH	01	
	Reverse (83)			85	150	30	S9	6140S	AD530-1X	BOTH	01	

For complete part numbers, consult the PTO Series section (page 25)





1052A(301091)
1054A(301092)

1352A(301235)
PS105-7LL(301464)

PS130-5A(301470)
PS130-6L(301465)

T-9505-2A(301408)
T-9505-2B(301425)

SPIC.22

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		54	250	49	S9	AD530-1X/GA6093	6562S/6800S	ENG	01	
		C (73)		71	250	49	S9	AD530-1X/GA6093	6562S/6800S	ENG	01	
		E (86)		85	225	44	S9	AD530-1X/GA6093	6562S/6800S	ENG	01	
		J (95)		93	225	44	S9	AD530-1X/GA6093	6562S/6800S	ENG	01	
		O (125)		122	200	39	S9	AD530-1X/GA6093	6562S/6800S	ENG	01	
		R (137)		134	200	39	S9	AD530-1X/GA6093	6562S/6800S	ENG	01	
		S (150)		147	190	37	S9	AD530-1X/GA6093	6562S/6800S	ENG	01	
		T (165)		161	175	34	S9	AD530-1X/GA6093	6562S/6800S	ENG	01	
3200		Z (40)		39	250	49	S9	AD530-1X/GA6093 CLUTCH SHIFT	6562S/6800S	ENG	01	
		A (50)		49	250	49	S9	AD530-1X/GA6093 CLUTCH SHIFT	6562S/6800S	ENG	01	
		B (55)		54	250	49	S9	AD530-1X/GA6093 CLUTCH SHIFT	6562S/6800S	ENG	01	
		C (73)		71	250	49	S9	AD530-1X/GA6093 CLUTCH SHIFT	6562S/6800S	ENG	01	
		E (86)		86	225	44	S9	AD530-1X/GA6093 CLUTCH SHIFT	6562S/6800S	ENG	01	
		J (95)		93	225	44	S9	AD530-1X/GA6093 CLUTCH SHIFT	6562S/6800S	ENG	01	
		O (125)		122	200	39	S9	AD530-1X/GA6093 CLUTCH SHIFT	6562S/6800S	ENG	01	
		R (137)		134	200	39	S9	AD530-1X/GA6093 CLUTCH SHIFT	6562S/6800S	ENG	01	
		S (150)		147	190	37	S9	AD530-1X/GA6093 CLUTCH SHIFT	6562S/6800S	ENG	01	
		T (165)		161	175	34	S9	AD530-1X/GA6093 CLUTCH SHIFT	6562S/6800S	ENG	01	
6000		Forward (73)		71	150	30	S9	AD530-1X/GA6093	6562S/6800S	BOTH	01	
		Reverse (83)		81	150	30	S9	AD530-1X/GA6093	6562S/6800S	BOTH	01	

FOOT NOTES:


SP14: There is no PTO application for bottom opening due to non-standard mounting depth. Adapters are not approved for this transmission opening.

////////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //







Spicer

1062B(301103) 1062D(301148) 1064B(301104) 1064D(301149) 1272B(301158) 1274B(301159) **SPIC.23**






	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1010		B (55)		60	250	49	INCL		6140S	OPP	01	
		C (73)		80	250	49	INCL		6140S	OPP	01	
		E (86)		95	225	44	INCL		6140S	OPP	01	
		J (95)		104	225	44	INCL		6140S	OPP	01	
		O (125)		136	200	39	INCL		6140S	OPP	01	
		R (137)		149	200	39	INCL		6140S	OPP	01	
		S (150)		164	190	37	INCL		6140S	OPP	01	
		T (165)		180	175	34	INCL		6140S	OPP	01	

PSO165-18A(301666) PSO165-18B PSO175-18A(301585) PSO175-18B PSO175-18M(301849) **SPIC.24**

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		71	250	49	S5	(SP16)	6450S	OPP	01	
		C (73)		95	250	49	S5	(SP16)	6450S	OPP	01	
		E (86)		113	225	44	S5	(SP16)	6450S	OPP	01	
		J (95)		123	225	44	S5	(SP16)	6450S	OPP	01	
		O (125)		162	200	39	S5	(SP16)	6450S	OPP	01	
		R (137)		177	200	39	S5	(SP16)	6450S	OPP	01	
		S (150)		194	190	37	S5	(SP16)	6450S	OPP	01	
		T (165)		214	175	34	S5	(SP16)	6450S	OPP	01	
3200		Z (40)		52	250	49	S5	CLUTCH SHIFT	6450S	OPP	01	
		A (50)		65	250	49	S5	CLUTCH SHIFT	6450S	OPP	01	
		B (55)		71	250	49	S5	CLUTCH SHIFT	6450S	OPP	01	
		C (73)		95	250	49	S5	CLUTCH SHIFT	6450S	OPP	01	
		E (86)		113	225	44	S5	CLUTCH SHIFT	6450S	OPP	01	
		J (95)		124	225	44	S5	CLUTCH SHIFT	6450S	OPP	01	
		O (125)		162	200	39	S5	CLUTCH SHIFT	6450S	OPP	01	
		R (137)		177	200	39	S5	CLUTCH SHIFT	6450S	OPP	01	
6000		Forward (73)		95	150	30	S5		6450S	BOTH	01	
		Reverse (83)		108	150	30	S5		6450S	BOTH	01	

For complete part numbers, consult the PTO Series section (page 25)

PSO165-18A(301666) PSO165-18B PSO175-18A(301585) PSO175-18B PSO175-18M(301849) **SPIC.24**

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)		65	250		S4	(SP16) GA8093	8248S	OPP	01	
		B (55)		71	250	49	S4	(SP16) GA8093	8248S	OPP	01	
		C (73)		95	250	49	S4	(SP16) GA8093	8248S	OPP	01	
		E (86)		113	225	44	S4	(SP16) GA8093	8248S	OPP	01	
		J (95)		123	225	44	S4	(SP16) GA8093	8248S	OPP	01	
		O (125)		162	200	39	S4	(SP16) GA8093	8248S	OPP	01	
		R (137)		177	200	39	S4	(SP16) GA8093	8248S	OPP	01	
		S (150)		194	190	37	S4	(SP16) GA8093	8248S	OPP	01	
		T (165)		214	175	34	S4	(SP16) GA8093	8248S	OPP	01	
3800		Z (40)		52	250	49	S4	(SP16) GA8093 CLUTCH SHIFT	8248S	OPP	01	
		A (50)		65	250	49	S4	(SP16) GA8093 CLUTCH SHIFT	8248S	OPP	01	
		B (55)		71	250	49	S4	(SP16) GA8093 CLUTCH SHIFT	8248S	OPP	01	
		C (73)		95	250	49	S4	(SP16) GA8093 CLUTCH SHIFT	8248S	OPP	01	
		E (86)		113	225	44	S4	(SP16) GA8093 CLUTCH SHIFT	8248S	OPP	01	
		J (95)		124	225	44	S4	(SP16) GA8093 CLUTCH SHIFT	8248S	OPP	01	
		O (125)		162	200	39	S4	(SP16) GA8093 CLUTCH SHIFT	8248S	OPP	01	
		R (137)		177	200	39	S4	(SP16) GA8093 CLUTCH SHIFT	8248S	OPP	01	
		S (150)		194	190	37	S4	(SP16) GA8093 CLUTCH SHIFT	8248S	OPP	01	
4100		T (165)		213	175	34	S4	(SP16) GA8093 CLUTCH SHIFT	8248S	OPP	01	
		B (57)		74	450	87	S4	(SP2,16) GA8093	8248S	OPP	01	
		C (70)		91	470	90	S4	(SP2,16) GA8093	8248S	OPP	01	
		E (86)		111	470	90	S4	(SP2,16) GA8093	8248S	OPP	01	
		J (105)		136	400	77	S4	(SP2,16) GA8093	8248S	OPP	01	
4250		Output 1 C (96)		125	420	80	INCL	(SP2,16) GA8093		OPP	01	
		Output 2 B (89)		116	420	80	INCL	(SP2,16) GA8093		OPP	01	
		Output 1 E (112)		146	400	76.5	INCL	(SP2,16) GA8093		OPP	01	
		Output 2 C (104)		135	420	80	INCL	(SP2,16) GA8093		OPP	01	
		Output 1 J (132)		171	380	73	INCL	(SP2,16) GA8093		OPP	01	
		Output 2 E (121)		157	400	76.5	INCL	(SP2,16) GA8093		OPP	01	
		Output 1 O (168)		218	350	67	INCL	(SP2,16) GA8093		OPP	01	
		Output 2 J (152)		197	380	73	INCL	(SP2,16) GA8093		OPP	01	




CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)



Spicer

PSO165-18A(301666) PSO165-18B PSO175-18A(301585) PSO175-18B PSO175-18M(301849) **SPIC.24**

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
6800	Forward (55)		95	150	30	S4	(SP16) GA8093	8248S	BOTH	01		
	Reverse (52)		108	150	30	S4	(SP16) GA8093	8248S	BOTH	01		
8000	Forward (40)		53	500	95	S4	(SP16) GA8093	8248S	BOTH	01		
	Reverse (50)		64	500	95	S4	(SP16) GA8093	8248S	BOTH	01		
	B (57)		49	500	95	S4	(SP16) GA8093	8248S	OPP	01		
	C (70)		65	500	95	S4	(SP16) GA8093	8248S	OPP	01		
8500	E (86)		77	480	90	S4	(SP16) GA8093	8248S	OPP	01		
	J (105)		96	450	86	S4	(SP16) GA8093	8248S	OPP	01		
	O (127)		111	400	76	S4	(SP16) GA8093	8248S	OPP	01		
	R (137)		122	360	68	S4	(SP16) GA8093	8248S	OPP	01		
	S (150)		134	320	62	S4	(SP16) GA8093	8248S	OPP	01		
	T (165)		147	280	54	S4	(SP16) GA8093	8248S	OPP	01		

FOOT NOTES:

- SP2:** Possible internal transmission gear interference with 4100 series "J" & "O" ratios. Check before installing PTO.
- SP16:** Speeds shown with transmission in high range. Multiply speeds by .84 for low range.





//////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //////////////////////////////////////



Spicer

TSP0165-18A

TSP0165-18HP

SPIC.25

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		71	250	49	S5		6450S	OPP	01	
		C (73)		95	250	49	S5		6450S	OPP	01	
		E (86)		113	225	44	S5		6450S	OPP	01	
		J (95)		123	225	44	S5		6450S	OPP	01	
		O (125)		162	200	39	S5		6450S	OPP	01	
		R (137)		177	200	39	S5		6450S	OPP	01	
		S (150)		194	190	37	S5		6450S	OPP	01	
	T (165)		214	175	34	S5		6450S	OPP	01		
3200		Z (40)		52	250	49	S5	CLUTCH SHIFT	6450S	OPP	01	
		A (50)		65	250	49	S5	CLUTCH SHIFT	6450S	OPP	01	
		B (55)		71	250	49	S5	CLUTCH SHIFT	6450S	OPP	01	
		C (73)		95	250	49	S5	CLUTCH SHIFT	6450S	OPP	01	
		E (86)		113	225	44	S5	CLUTCH SHIFT	6450S	OPP	01	
		J (95)		124	225	44	S5	CLUTCH SHIFT	6450S	OPP	01	
		O (125)		162	200	39	S5	CLUTCH SHIFT	6450S	OPP	01	
		R (137)		177	200	39	S5	CLUTCH SHIFT	6450S	OPP	01	
		S (150)		194	190	37	S5	CLUTCH SHIFT	6450S	OPP	01	
	T (165)		213	175	34	S5	CLUTCH SHIFT	6450S	OPP	01		
6000		Forward (73)		95	150	30	S5		6450S	BOTH	01	
		Reverse (83)		108	150	30	S5		6450S	BOTH	01	

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)		71	250		S4	(SP16) GA8093	8248S	OPP	01	
		B (55)		71	250	49	S4	(SP16) GA8093	8248S	OPP	01	
		C (73)		95	250	49	S4	(SP16) GA8093	8248S	OPP	01	
		E (86)		113	225	44	S4	(SP16) GA8093	8248S	OPP	01	
		J (95)		123	225	44	S4	(SP16) GA8093	8248S	OPP	01	
		O (125)		162	200	39	S4	(SP16) GA8093	8248S	OPP	01	
		R (137)		177	200	39	S4	(SP16) GA8093	8248S	OPP	01	
		S (150)		194	190	37	S4	(SP16) GA8093	8248S	OPP	01	
		T (165)		214	175	34	S4	(SP16) GA8093	8248S	OPP	01	

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)









Spicer

TSPO165-18A,

TSPO165-18HP

SPIC.25

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
3800		Z (40)		52	250	49	S4	(SP16) GA8093 CLUTCH SHIFT	8248S	OPP	01	
		A (50)		65	250	49	S4	(SP16) GA8093 CLUTCH SHIFT	8248S	OPP	01	
		B (55)		71	250	49	S4	(SP16) GA8093 CLUTCH SHIFT	8248S	OPP	01	
		C (73)		95	250	49	S4	(SP16) GA8093 CLUTCH SHIFT	8248S	OPP	01	
		E (86)		113	225	44	S4	(SP16) GA8093 CLUTCH SHIFT	8248S	OPP	01	
		J (95)		124	225	44	S4	(SP16) GA8093 CLUTCH SHIFT	8248S	OPP	01	
		O (125)		162	200	39	S4	(SP16) GA8093 CLUTCH SHIFT	8248S	OPP	01	
		R (137)		177	200	39	S4	(SP16) GA8093 CLUTCH SHIFT	8248S	OPP	01	
		S (150)		194	190	37	S4	(SP16) GA8093 CLUTCH SHIFT	8248S	OPP	01	
4100		T (165)		213	175	34	S4	(SP16) GA8093 CLUTCH SHIFT	8248S	OPP	01	
		B (57)		74	450	87	S4	(SP2,16) GA8093	8248S	OPP	01	
		C (70)		91	470	90	S4	(SP2,16) GA8093	8248S	OPP	01	
		E (86)		111	470	90	S4	(SP2,16) GA8093	8248S	OPP	01	
		J (105)		136	400	77	S4	(SP2,16) GA8093	8248S	OPP	01	
		Output 1 C (96)		125	420	80	INCL	(SP2,16) GA8093		OPP	01	
4250		Output 2 B (89)		116	420	80	INCL	(SP2,16) GA8093		OPP	01	
		Output 1 E (112)		146	400	76.5	INCL	(SP2,16) GA8093		OPP	01	
		Output 2 C (104)		135	420	80	INCL	(SP2,16) GA8093		OPP	01	
		Output 1 J (132)		171	380	73	INCL	(SP2,16) GA8093		OPP	01	
		Output 2 E (121)		157	400	76.5	INCL	(SP2,16) GA8093		OPP	01	
		Output 1 O (168)		218	350	67	INCL	(SP2,16) GA8093		OPP	01	
		Output 2 J (152)		197	380	73	INCL	(SP2,16) GA8093		OPP	01	
6800		Forward (55)		95	150	30	S4	(SP16) GA8093	8248S	BOTH	01	
		Reverse (52)		108	150	30	S4	(SP16) GA8093	8248S	BOTH	01	
8000		Forward (40)		53	500	95	S4	(SP16) GA8093	8248S	BOTH	01	
		Reverse (50)		64	500	95	S4	(SP16) GA8093	8248S	BOTH	01	
8500		B (57)		49	500	95	S4	(SP16) GA8093	8248S	OPP	01	
		C (70)		65	500	95	S4	(SP16) GA8093	8248S	OPP	01	
		E (86)		77	480	90	S4	(SP16) GA8093	8248S	OPP	01	
		J (105)		96	450	86	S4	(SP16) GA8093	8248S	OPP	01	
		O (127)		111	400	76	S4	(SP16) GA8093	8248S	OPP	01	
		R (137)		122	360	68	S4	(SP16) GA8093	8248S	OPP	01	
		S (150)		134	320	62	S4	(SP16) GA8093	8248S	OPP	01	
	T (165)		147	280	54	S4	(SP16) GA8093	8248S	OPP	01		

FOOT NOTES:

SP2: Possible internal transmission gear interference with 4100 series "J" & "O" ratios. Check before installing PTO. **SP16:** Speeds shown with transmission in high range. Multiply speeds by .84 for low range.

For complete part numbers, consult the PTO Series section (page 25)



Spicer





PSO150-16B(301647)
PSO165-16B(301583)



PSO175-16B(301584)
PSO175-16M(301645)

TSP0145-16B
TSP0155-16B

TSP0155-16HP
TSP0165-16HP

SPIC.26

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		73	250	49	S5	(SP17)	6450S	OPP	01	
		C (73)		97	250	49	S5	(SP17)	6450S	OPP	01	
		E (86)		115	225	44	S5	(SP17)	6450S	OPP	01	
		J (95)		126	225	44	S5	(SP17)	6450S	OPP	01	
		O (125)		165	200	39	S5	(SP17)	6450S	OPP	01	
		R (137)		181	200	39	S5	(SP17)	6450S	OPP	01	
		S (150)		199	190	37	S5	(SP17)	6450S	OPP	01	
		T (165)		218	175	34	S5	(SP17)	6450S	OPP	01	
3200		Z (40)		53	250	49	S5	(SP17) CLUTCH SHIFT	6450S	OPP	01	
		A (50)		66	250	49	S5	(SP17) CLUTCH SHIFT	6450S	OPP	01	
		B (55)		73	250	49	S5	(SP17) CLUTCH SHIFT	6450S	OPP	01	
		C (73)		97	250	49	S5	(SP17) CLUTCH SHIFT	6450S	OPP	01	
		E (86)		116	225	44	S5	(SP17) CLUTCH SHIFT	6450S	OPP	01	
		J (95)		127	225	44	S5	(SP17) CLUTCH SHIFT	6450S	OPP	01	
		O (125)		165	200	39	S5	(SP17) CLUTCH SHIFT	6450S	OPP	01	
		R (137)		181	200	39	S5	(SP17) CLUTCH SHIFT	6450S	OPP	01	
		S (150)		199	190	37	S5	(SP17) CLUTCH SHIFT	6450S	OPP	01	
	T (165)		218	175	34	S5	(SP17) CLUTCH SHIFT	6450S	OPP	01		
6000		Forward (73)		97	150	30	S5	(SP17)	6450S	BOTH	01	
		Reverse (83)		110	150	30	S5	(SP17)	6450S	BOTH	01	

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)		66	250		S4	(SP17) 8248S	GA8093	OPP	01	
		B (55)		73	250	49	S4	(SP17) 8248S	GA8093	OPP	01	
		C (73)		97	250	49	S4	(SP17) 8248S	GA8093	OPP	01	
		E (86)		115	225	44	S4	(SP17) 8248S	GA8093	OPP	01	
		J (95)		126	225	44	S4	(SP17) 8248S	GA8093	OPP	01	
		O (125)		165	200	39	S4	(SP17) 8248S	GA8093	OPP	01	
		R (137)		181	200	39	S4	(SP17) 8248S	GA8093	OPP	01	
		S (150)		199	190	37	S4	(SP17) 8248S	GA8093	OPP	01	
		T (165)		218	175	34	S4	(SP17) 8248S	GA8093	OPP	01	

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)



Spicer







PSO150-16B(301647)
PSO165-16B(301583)

PSO175-16B(301584)
PSO175-16M(301645)

TSP0145-16B
TSP0155-16B

TSP0155-16HP
TSP0165-16HP

SPIC.26

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
3800		Z (40)		53	250	49	S4	(SP17) 8248S CLUTCH SHIFT	GA8093	OPP	01	
		A (50)		66	250	49	S4	(SP17) 8248S CLUTCH SHIFT	GA8093	OPP	01	
		B (55)		73	250	49	S4	(SP17) 8248S CLUTCH SHIFT	GA8093	OPP	01	
		C (73)		97	250	49	S4	(SP17) 8248S CLUTCH SHIFT	GA8093	OPP	01	
		E (86)		116	225	44	S4	(SP17) 8248S CLUTCH SHIFT	GA8093	OPP	01	
		J (95)		127	225	44	S4	(SP17) 8248S CLUTCH SHIFT	GA8093	OPP	01	
		O (125)		165	200	39	S4	(SP17) 8248S CLUTCH SHIFT	GA8093	OPP	01	
		R (137)		181	200	39	S4	(SP17) 8248S CLUTCH SHIFT	GA8093	OPP	01	
		S (150)		199	190	37	S4	(SP17) 8248S CLUTCH SHIFT	GA8093	OPP	01	
	T (165)		218	175	34	S4	(SP17) 8248S CLUTCH SHIFT	GA8093	OPP	01		
4100		B (57)		75	450	87	S4	(SP2,17) 8248S	GA8093	OPP	01	
		C (70)		93	470	90	S4	(SP2,17) 8248S	GA8093	OPP	01	
		E (86)		114	470	90	S4	(SP2,17) 8248S	GA8093	OPP	01	
		J (105)		139	400	77	S4	(SP2,17) 8248S	GA8093	OPP	01	
4250		Output 1 C (96)		127	420	80	INCL	(SP2,17) 8248S		OPP	01	
		Output 2 B (89)		118	420	80	INCL	(SP2,17) 8248S		OPP	01	
		Output 1 E (112)		149	400	76.5	INCL	(SP2,17) 8248S		OPP	01	
		Output 2 C (104)		137	420	80	INCL	(SP2,17) 8248S		OPP	01	
		Output 1 J (132)		174	380	73	INCL	(SP2,17) 8248S		OPP	01	
		Output 2 E (121)		160	400	76.5	INCL	(SP2,17) 8248S		OPP	01	
		Output 1 O (168)		223	350	67	INCL	(SP2,17) 8248S		OPP	01	
		Output 2 J (152)		202	380	73	INCL	(SP2,17) 8248S		OPP	01	
6800		Forward (55)		97	150	30	S4	(SP17) 8248S	GA8093	BOTH	01	
		Reverse (52)		110	150	30	S4	(SP17) 8248S	GA8093	BOTH	01	
8000		Forward (40)		55	500	95	S4	(SP17) 8248S	GA8093	BOTH	01	
		Reverse (50)		65	500	95	S4	(SP17) 8248S	GA8093	BOTH	01	
8500		B (57)		50	500	95	S4	(SP17) 8248S	GA8093	OPP	01	
		C (70)		66	500	95	S4	(SP17) 8248S	GA8093	OPP	01	
		E (86)		79	480	90	S4	(SP17) 8248S	GA8093	OPP	01	
		J (105)		98	450	86	S4	(SP17) 8248S	GA8093	OPP	01	
		O (127)		114	400	76	S4	(SP17) 8248S	GA8093	OPP	01	
		R (137)		125	360	68	S4	(SP17) 8248S	GA8093	OPP	01	
		S (150)		137	320	62	S4	(SP17) 8248S	GA8093	OPP	01	
	T (165)		150	280	54	S4	(SP17) 8248S	GA8093	OPP	01		

FOOT NOTES:

SP2: Possible internal transmission gear interference with 4100 series "J" & "O" ratios. Check before installing PTO. **SP17:** Speeds shown with transmission in high range. Multiply speeds by .82 for low range.





////////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //

Spicer

CM-6052A(301253)(301075)(301413)
ES65-5A(301466)

ES70-5A(301536)
ES72-5A

SPIC.29

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		55	250	49	S3		6240S	OPP	05	
		C (73)		73	250	49	S3		6240S	OPP	05	
		E (86)		87	225	44	S3		6240S	OPP	05	
		J (95)		94	225	44	S3		6240S	OPP	05	
		O (125)		124	200	39	S3		6240S	OPP	05	
		R (137)		136	200	39	S3		6240S	OPP	05	
		S (150)		149	190	37	S3		6240S	OPP	05	
		T (165)		164	175	34	S3		6240S	OPP	05	
3200		Z (40)		40	250	49	S3	CLUTCH SHIFT	6240S	OPP	05	
		A (50)		50	250	49	S3	CLUTCH SHIFT	6240S	OPP	05	
		B (55)		55	250	49	S3	CLUTCH SHIFT	6240S	OPP	05	
		C (73)		73	250	49	S3	CLUTCH SHIFT	6240S	OPP	05	
		E (86)		87	225	44	S3	CLUTCH SHIFT	6240S	OPP	05	
		J (95)		95	225	44	S3	CLUTCH SHIFT	6240S	OPP	05	
		O (125)		124	200	39	S3	CLUTCH SHIFT	6240S	OPP	05	
		R (137)		136	200	39	S3	CLUTCH SHIFT	6240S	OPP	05	
		S (150)		149	190	37	S3	CLUTCH SHIFT	6240S	OPP	05	
		T (165)		164	175	34	S3	CLUTCH SHIFT	6240S	OPP	05	
6000		Forward (73)		73	150	30	S3		6240S	BOTH	05	
		Reverse (83)		83	150	30	S3		6240S	BOTH	05	

//////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //////////////////////////////////////








Spicer

CM-6052A(301253)(301075)(301413)
ES65-5A(301466)

ES70-5A(301536)
ES72-5A

SPIC.29





8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)			250		S6	GA8093	8700S	OPP	05	
		B (55)		55	250	49	S6	GA8093	8700S	OPP	05	
		C (73)		73	250	49	S6	GA8093	8700S	OPP	05	
		E (86)		87	225	44	S6	GA8093	8700S	OPP	05	
		J (95)		94	225	44	S6	GA8093	8700S	OPP	05	
		O (125)		124	200	39	S6	GA8093	8700S	OPP	05	
		R (137)		136	200	39	S6	GA8093	8700S	OPP	05	
		S (150)		149	190	37	S6	GA8093	8700S	OPP	05	
		T (165)		164	175	34	S6	GA8093	8700S	OPP	05	
3800		Z (40)		38	250	49	S6	GA8093 CLUTCH SHIFT	8700S	OPP	05	
		A (50)		47	250	49	S6	GA8093 CLUTCH SHIFT	8700S	OPP	05	
		B (55)		52	250	49	S6	GA8093 CLUTCH SHIFT	8700S	OPP	05	
		C (73)		69	250	49	S6	GA8093 CLUTCH SHIFT	8700S	OPP	05	
		E (86)		83	225	44	S6	GA8093 CLUTCH SHIFT	8700S	OPP	05	
		J (95)		91	225	44	S6	GA8093 CLUTCH SHIFT	8700S	OPP	05	
		O (125)		119	200	39	S6	GA8093 CLUTCH SHIFT	8700S	OPP	05	
		R (137)		130	200	39	S6	GA8093 CLUTCH SHIFT	8700S	OPP	05	
		S (150)		142	190	37	S6	GA8093 CLUTCH SHIFT	8700S	OPP	05	
	T (165)		156	175	34	S6	GA8093 CLUTCH SHIFT	8700S	OPP	05		
6800		Forward (55)		69	150	30	S6	GA8093	8700S	BOTH	05	
		Reverse (52)		79	150	30	S6	GA8093	8700S	BOTH	05	
8000		Forward (40)		39	500	95	S6	GA8093	8700S	BOTH	05	
		Reverse (50)		47	500	95	S6	GA8093	8700S	BOTH	05	
8500		B (57)		36	500	95	S6	GA8093	8700S	OPP	05	
		C (70)		48	500	95	S6	GA8093	8700S	OPP	05	
		E (86)		57	480	90	S6	GA8093	8700S	OPP	05	
		J (105)		70	450	86	S6	GA8093	8700S	OPP	05	
		O (127)		82	400	76	S6	GA8093	8700S	OPP	05	
		R (137)		89	360	68	S6	GA8093	8700S	OPP	05	
		S (150)		98	320	62	S6	GA8093	8700S	OPP	05	
	T (165)		108	280	54	S6	GA8093	8700S	OPP	05		

For complete part numbers, consult the PTO Series section (page 25)

CM-6052B(301254)(301082)(301414)

ES65-5B(301467)

SPIC.30

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		52	250	49	INCL		GA6093	OPP	05	
		C (73)		69	250	49	INCL		GA6093	OPP	05	
		E (86)		82	225	44	INCL		GA6093	OPP	05	
		J (95)		90	225	44	INCL		GA6093	OPP	05	
		O (125)		118	200	39	INCL		GA6093	OPP	05	
		R (137)		129	200	39	INCL		GA6093	OPP	05	
		S (150)		142	190	37	INCL		GA6093	OPP	05	
		T (165)		156	175	34	INCL		GA6093	OPP	05	
3200		Z (40)		38	250	49	INCL	CLUTCH SHIFT	GA6093	OPP	05	
		A (50)		47	250	49	INCL	CLUTCH SHIFT	GA6093	OPP	05	
		B (55)		52	250	49	INCL	CLUTCH SHIFT	GA6093	OPP	05	
		C (73)		69	250	49	INCL	CLUTCH SHIFT	GA6093	OPP	05	
		E (86)		83	225	44	INCL	CLUTCH SHIFT	GA6093	OPP	05	
		J (95)		90	225	44	INCL	CLUTCH SHIFT	GA6093	OPP	05	
		O (125)		118	200	39	INCL	CLUTCH SHIFT	GA6093	OPP	05	
		R (137)		129	200	39	INCL	CLUTCH SHIFT	GA6093	OPP	05	
		S (150)		142	190	37	INCL	CLUTCH SHIFT	GA6093	OPP	05	
		T (165)		156	175	34	INCL	CLUTCH SHIFT	GA6093	OPP	05	
6000		Forward (73)		69	150	30	INCL		GA6093	BOTH	05	
		Reverse (83)		78	150	30	INCL		GA6093	BOTH	05	

Spicer

////////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //








Spicer

CM-6052B(301254)(301082)(301414)

ES65-5B(301467)

SPIC.30

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000	A (50)				250		S6		8600S	OPP	05	
	B (55)			52	250	49	S6		8600S	OPP	05	
	C (73)			69	250	49	S6		8600S	OPP	05	
	E (86)			82	225	44	S6		8600S	OPP	05	
	J (95)			90	225	44	S6		8600S	OPP	05	
	O (125)			118	200	39	S6		8600S	OPP	05	
	R (137)			129	200	39	S6		8600S	OPP	05	
	S (150)			142	190	37	S6		8600S	OPP	05	
	T (165)			156	175	34	S6		8600S	OPP	05	
3800	Z (40)			36	250	49	S6	CLUTCH SHIFT	8600S	OPP	05	
	A (50)			45	250	49	S6	CLUTCH SHIFT	8600S	OPP	05	
	B (55)			50	250	49	S6	CLUTCH SHIFT	8600S	OPP	05	
	C (73)			66	250	49	S6	CLUTCH SHIFT	8600S	OPP	05	
	E (86)			79	225	44	S6	CLUTCH SHIFT	8600S	OPP	05	
	J (95)			86	225	44	S6	CLUTCH SHIFT	8600S	OPP	05	
	O (125)			113	200	39	S6	CLUTCH SHIFT	8600S	OPP	05	
	R (137)			123	200	39	S6	CLUTCH SHIFT	8600S	OPP	05	
	S (150)			135	190	37	S6	CLUTCH SHIFT	8600S	OPP	05	
T (165)			148	175	34	S6	CLUTCH SHIFT	8600S	OPP	05		
6800	Forward (55)			66	150	30	S6		8600S	BOTH	05	
	Reverse (52)			75	150	30	S6		8600S	BOTH	05	
8000	Forward (40)			37	500	95	S6		8600S	BOTH	05	
	Reverse (50)			44	500	95	S6		8600S	BOTH	05	
8500	B (57)			34	500	95	S6		8600S	OPP	05	
	C (70)			45	500	95	S6		8600S	OPP	05	
	E (86)			54	480	90	S6		8600S	OPP	05	
	J (105)			67	450	86	S6		8600S	OPP	05	
	O (127)			77	400	76	S6		8600S	OPP	05	
	R (137)			85	360	68	S6		8600S	OPP	05	
	S (150)			93	320	62	S6		8600S	OPP	05	
T (165)			102	280	54	S6		8600S	OPP	05		





For complete part numbers, consult the PTO Series section (page 25)

CM-6052D(301256)(301416)
CV67F

ES65-5D(301469)
ES70-5D(301539)

ES72-5C
ES72-5D

SPIC.31

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000	B (55)		57		250	49	S5		6450S	OPP	05	
	C (73)		76		250	49	S5		6450S	OPP	05	
	E (86)		91		225	44	S5		6450S	OPP	05	
	J (95)		99		225	44	S5		6450S	OPP	05	
	O (125)		131		200	39	S5		6450S	OPP	05	
	R (137)		143		200	39	S5		6450S	OPP	05	
	S (150)		157		190	37	S5		6450S	OPP	05	
	T (165)		172		175	34	S5		6450S	OPP	05	
3200	Z (40)		42		250	49	S5	CLUTCH SHIFT	6450S	OPP	05	
	A (50)		52		250	49	S5	CLUTCH SHIFT	6450S	OPP	05	
	B (55)		57		250	49	S5	CLUTCH SHIFT	6450S	OPP	05	
	C (73)		76		250	49	S5	CLUTCH SHIFT	6450S	OPP	05	
	E (86)		91		225	44	S5	CLUTCH SHIFT	6450S	OPP	05	
	J (95)		100		225	44	S5	CLUTCH SHIFT	6450S	OPP	05	
	O (125)		131		200	39	S5	CLUTCH SHIFT	6450S	OPP	05	
	R (137)		143		200	39	S5	CLUTCH SHIFT	6450S	OPP	05	
	S (150)		157		190	37	S5	CLUTCH SHIFT	6450S	OPP	05	
	T (165)		172		175	34	S5	CLUTCH SHIFT	6450S	OPP	05	
6000	Forward (73)		76		150	30	S5		6450S	BOTH	05	
	Reverse (83)		87		150	30	S5		6450S	BOTH	05	

Spicer

//////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //////////////////////////////////////



Spicer

CM-6052D(301256)(301416)
CV67F

ES65-5D(301469)
ES70-5D(301539)

ES72-5C
ES72-5D




SPIC.31

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000	A (50)				250		S8	8375S	8600S	OPP	05	
	B (55)			57	250	49	S8	8375S	8600S	OPP	05	
	C (73)			76	250	49	S8	8375S	8600S	OPP	05	
	E (86)			91	225	44	S8	8375S	8600S	OPP	05	
	J (95)			99	225	44	S8	8375S	8600S	OPP	05	
	O (125)			131	200	39	S8	8375S	8600S	OPP	05	
	R (137)			143	200	39	S8	8375S	8600S	OPP	05	
	S (150)			157	190	37	S8	8375S	8600S	OPP	05	
T (165)			172	175	34	S8	8375S	8600S	OPP	05		
3800	Z (40)			40	250	49	S8	8375S CLUTCH SHIFT	8600S	OPP	05	
	A (50)			50	250	49	S8	8375S CLUTCH SHIFT	8600S	OPP	05	
	B (55)			55	250	49	S8	8375S CLUTCH SHIFT	8600S	OPP	05	
	C (73)			73	250	49	S8	8375S CLUTCH SHIFT	8600S	OPP	05	
	E (86)			87	225	44	S8	8375S CLUTCH SHIFT	8600S	OPP	05	
	J (95)			95	225	44	S8	8375S CLUTCH SHIFT	8600S	OPP	05	
	O (125)			125	200	39	S8	8375S CLUTCH SHIFT	8600S	OPP	05	
	R (137)			136	200	39	S8	8375S CLUTCH SHIFT	8600S	OPP	05	
S (150)			149	190	37	S8	8375S CLUTCH SHIFT	8600S	OPP	05		
T (165)			164	175	34	S8	8375S CLUTCH SHIFT	8600S	OPP	05		
6800	Forward (55)			73	150	30	S8	8375S	8600S	BOTH	05	
	Reverse (52)			83	150	30	S8	8375S	8600S	BOTH	05	
8000	Forward (40)			41	500	95	S8	8375S	8600S	BOTH	05	
	Reverse (50)			49	500	95	S8	8375S	8600S	BOTH	05	
8500	B (57)			38	500	95	S8	8375S	8600S	OPP	05	
	C (70)			50	500	95	S8	8375S	8600S	OPP	05	
	E (86)			60	480	90	S8	8375S	8600S	OPP	05	
	J (105)			74	450	86	S8	8375S	8600S	OPP	05	
	O (127)			86	400	76	S8	8375S	8600S	OPP	05	
	R (137)			94	360	68	S8	8375S	8600S	OPP	05	
	S (150)			103	320	62	S8	8375S	8600S	OPP	05	
T (165)			113	280	54	S8	8375S	8600S	OPP	05		






For complete part numbers, consult the PTO Series section (page 25)

5756B(8-BOLT&6-BOLTOPENING)

SPIC.32

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		27	250	49	INCL			OPP	03	
		C (73)		35	250	49	INCL			OPP	03	
		E (86)		42	225	44	INCL			OPP	03	
		J (95)		46	225	44	INCL			OPP	03	
		O (125)		61	200	39	INCL			OPP	03	
		R (137)		66	200	39	INCL			OPP	03	
		S (150)		73	190	37	INCL			OPP	03	
		T (165)		80	175	34	INCL			OPP	03	
3200		Z (40)		19	250	49	INCL	CLUTCH SHIFT		OPP	03	
		A (50)		24	250	49	INCL	CLUTCH SHIFT		OPP	03	
		B (55)		27	250	49	INCL	CLUTCH SHIFT		OPP	03	
		C (73)		35	250	49	INCL	CLUTCH SHIFT		OPP	03	
		E (86)		42	225	44	INCL	CLUTCH SHIFT		OPP	03	
		J (95)		46	225	44	INCL	CLUTCH SHIFT		OPP	03	
		O (125)		61	200	39	INCL	CLUTCH SHIFT		OPP	03	
		R (137)		66	200	39	INCL	CLUTCH SHIFT		OPP	03	
		S (150)		73	190	37	INCL	CLUTCH SHIFT		OPP	03	
		T (165)		80	175	34	INCL	CLUTCH SHIFT		OPP	03	

For complete part numbers, consult the PTO Series section (page 25)





8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)			250		INCL		8500 SHIM	OPP	03	
		B (55)		57	250	49	INCL		8500 SHIM	OPP	03	
		C (73)		76	250	49	INCL		8500 SHIM	OPP	03	
		E (86)		91	225	44	INCL		8500 SHIM	OPP	03	
		J (95)		99	225	44	INCL		8500 SHIM	OPP	03	
		O (125)		130	200	39	INCL		8500 SHIM	OPP	03	
		R (137)		143	200	39	INCL		8500 SHIM	OPP	03	
		S (150)		156	190	37	INCL		8500 SHIM	OPP	03	
		T (165)		172	175	34	INCL		8500 SHIM	OPP	03	
3800		Z (40)		42	250	49	INCL	CLUTCH SHIFT	8500 SHIM	OPP	03	
		A (50)		52	250	49	INCL	CLUTCH SHIFT	8500 SHIM	OPP	03	
		B (55)		57	250	49	INCL	CLUTCH SHIFT	8500 SHIM	OPP	03	
		C (73)		76	250	49	INCL	CLUTCH SHIFT	8500 SHIM	OPP	03	
		E (86)		91	225	44	INCL	CLUTCH SHIFT	8500 SHIM	OPP	03	
		J (95)		100	225	44	INCL	CLUTCH SHIFT	8500 SHIM	OPP	03	
		O (125)		130	200	39	INCL	CLUTCH SHIFT	8500 SHIM	OPP	03	
		R (137)		143	200	39	INCL	CLUTCH SHIFT	8500 SHIM	OPP	03	
		S (150)		156	190	37	INCL	CLUTCH SHIFT	8500 SHIM	OPP	03	
6800		Forward (55)		76	150	30	INCL		8500 SHIM	BOTH	03	
		Reverse (52)		86	150	30	INCL		8500 SHIM	BOTH	03	
8000		Forward (40)		43	500	95	INCL		8500 SHIM	BOTH	03	
		Reverse (50)		51	500	95	INCL		8500 SHIM	BOTH	03	
8500		B (57)		39	500	95	INCL		8500 SHIM	OPP	03	
		C (70)		52	500	95	INCL		8500 SHIM	OPP	03	
		E (86)		62	480	90	INCL		8500 SHIM	OPP	03	
		J (105)		77	450	86	INCL		8500 SHIM	OPP	03	
		O (127)		90	400	76	INCL		8500 SHIM	OPP	03	
		R (137)		98	360	68	INCL		8500 SHIM	OPP	03	
		S (150)		107	320	62	INCL		8500 SHIM	OPP	03	
	T (165)		118	280	54	INCL		8500 SHIM	OPP	03		

For complete part numbers, consult the PTO Series section (page 25)

CM-5252A(301251)(301081) CM-5852A(301313)(301370) CM-5952E(301364)

ES60-5E(301463)

SPIC.33

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		53	250	49	S5		6500S	OPP	08	
		C (73)		70	250	49	S5		6500S	OPP	08	
		E (86)		83	225	44	S5		6500S	OPP	08	
		J (95)		91	225	44	S5		6500S	OPP	08	
		O (125)		120	200	39	S5		6500S	OPP	08	
		R (137)		131	200	39	S5		6500S	OPP	08	
		S (150)		144	190	37	S5		6500S	OPP	08	
		T (165)		158	175	34	S5		6500S	OPP	08	
3200		Z (40)		38	250	49	S5	CLUTCH SHIFT	6500S	OPP	08	
		A (50)		48	250	49	S5	CLUTCH SHIFT	6500S	OPP	08	
		B (55)		53	250	49	S5	CLUTCH SHIFT	6500S	OPP	08	
		C (73)		70	250	49	S5	CLUTCH SHIFT	6500S	OPP	08	
		E (86)		84	225	44	S5	CLUTCH SHIFT	6500S	OPP	08	
		J (95)		92	225	44	S5	CLUTCH SHIFT	6500S	OPP	08	
		O (125)		120	200	39	S5	CLUTCH SHIFT	6500S	OPP	08	
		R (137)		131	200	39	S5	CLUTCH SHIFT	6500S	OPP	08	
		S (150)		144	190	37	S5	CLUTCH SHIFT	6500S	OPP	08	
	T (165)		158	175	34	S5	CLUTCH SHIFT	6500S	OPP	08		
6000		Forward (73)		70	150	30	S5		6500S	BOTH	08	
		Reverse (83)		79	150	30	S5		6500S	BOTH	08	

Spicer

////////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //



Spicer

CM-5252A(301251)(301081) CM-5852A(301313)(301370) CM-5952E(301364)

ES60-5E(301463)

SPIC.33

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)			250		S4	(SP7) GA8093	8375S	OPP	08	
		B (55)		53	250	49	S4	(SP7) GA8093	8375S	OPP	08	
		C (73)		70	250	49	S4	(SP7) GA8093	8375S	OPP	08	
		E (86)		83	225	44	S4	(SP7) GA8093	8375S	OPP	08	
		J (95)		91	225	44	S4	(SP7) GA8093	8375S	OPP	08	
		O (125)		120	200	39	S4	(SP7) GA8093	8375S	OPP	08	
		R (137)		131	200	39	S4	(SP7) GA8093	8375S	OPP	08	
		S (150)		144	190	37	S4	(SP7) GA8093	8375S	OPP	08	
		T (165)		158	175	34	S4	(SP7) GA8093	8375S	OPP	08	
3800		Z (40)		42	250	49	S4	(SP7) GA8093 CLUTCH SHIFT	8375S	OPP	08	
		A (50)		52	250	49	S4	(SP7) GA8093 CLUTCH SHIFT	8375S	OPP	08	
		B (55)		57	250	49	S4	(SP7) GA8093 CLUTCH SHIFT	8375S	OPP	08	
		C (73)		76	250	49	S4	(SP7) GA8093 CLUTCH SHIFT	8375S	OPP	08	
		E (86)		91	225	44	S4	(SP7) GA8093 CLUTCH SHIFT	8375S	OPP	08	
		J (95)		100	225	44	S4	(SP7) GA8093 CLUTCH SHIFT	8375S	OPP	08	
		O (125)		130	200	39	S4	(SP7) GA8093 CLUTCH SHIFT	8375S	OPP	08	
		R (137)		143	200	39	S4	(SP7) GA8093 CLUTCH SHIFT	8375S	OPP	08	
		S (150)		157	190	37	S4	(SP7) GA8093 CLUTCH SHIFT	8375S	OPP	08	
	T (165)		172	175	34	S4	(SP7) GA8093 CLUTCH SHIFT	8375S	OPP	08		
6800		Forward (55)		76	150	30	S4	(SP7) GA8093	8375S	BOTH	08	
		Reverse (52)		87	150	30	S4	(SP7) GA8093	8375S	BOTH	08	
8000		Forward (40)		43	500	95	S4	(SP7) GA8093	8375S	BOTH	08	
		Reverse (50)		51	500	95	S4	(SP7) GA8093	8375S	BOTH	08	
8500		B (57)		39	500	95	S4	(SP7) GA8093	8375S	OPP	08	
		C (70)		52	500	95	S4	(SP7) GA8093	8375S	OPP	08	
		E (86)		62	480	90	S4	(SP7) GA8093	8375S	OPP	08	
		J (105)		77	450	86	S4	(SP7) GA8093	8375S	OPP	08	
		O (127)		90	400	76	S4	(SP7) GA8093	8375S	OPP	08	
		R (137)		98	360	68	S4	(SP7) GA8093	8375S	OPP	08	
		S (150)		108	320	62	S4	(SP7) GA8093	8375S	OPP	08	
	T (165)		118	280	54	S4	(SP7) GA8093	8375S	OPP	08		

FOOT NOTES:

SP7: Use "3" assembly arrangement for MACK Midliner.

For complete part numbers, consult the PTO Series section (page 25)







Spicer

1252A(301094)

1254A(301095)

1452A(301183)

SPIC.34

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		59	250	49	S9	61520S	AD530-1X	ENG	01	
		C (73)		79	250	49	S9	61520S	AD530-1X	ENG	01	
		E (86)		94	225	44	S9	61520S	AD530-1X	ENG	01	
		J (95)		102	225	44	S9	61520S	AD530-1X	ENG	01	
		O (125)		135	200	39	S9	61520S	AD530-1X	ENG	01	
		R (137)		147	200	39	S9	61520S	AD530-1X	ENG	01	
		S (150)		161	190	37	S9	61520S	AD530-1X	ENG	01	
		T (165)		178	175	34	S9	61520S	AD530-1X	ENG	01	
3200		Z (40)		43	250	49	S9	61520S CLUTCH SHIFT	AD530-1X	ENG	01	
		A (50)		54	250	49	S9	61520S CLUTCH SHIFT	AD530-1X	ENG	01	
		B (55)		59	250	49	S9	61520S CLUTCH SHIFT	AD530-1X	ENG	01	
		C (73)		79	250	49	S9	61520S CLUTCH SHIFT	AD530-1X	ENG	01	
		E (86)		94	225	44	S9	61520S CLUTCH SHIFT	AD530-1X	ENG	01	
		J (95)		103	225	44	S9	61520S CLUTCH SHIFT	AD530-1X	ENG	01	
		O (125)		135	200	39	S9	61520S CLUTCH SHIFT	AD530-1X	ENG	01	
		R (137)		147	200	39	S9	61520S CLUTCH SHIFT	AD530-1X	ENG	01	
		S (150)		161	190	37	S9	61520S CLUTCH SHIFT	AD530-1X	ENG	01	
	T (165)		177	175	34	S9	61520S CLUTCH SHIFT	AD530-1X	ENG	01		
6000		Forward (73)		79	150	30	S9	61520S	AD530-1X	BOTH	01	
		Reverse (83)		89	150	30	S9	61520S	AD530-1X	BOTH	01	

FOOT NOTES:

SP14: There is no PTO application for bottom opening due to non-standard mounting depth. Adapters are not approved for this transmission opening.





////////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //



Spicer

ES54-5C

SPIC.35





	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		45	250	49	S3		GA6093	OPP	30	
		C (73)		59	250	49	S3		GA6093	OPP	30	
		E (86)		71	225	44	S3		GA6093	OPP	30	
		J (95)		77	225	44	S3		GA6093	OPP	30	
		O (125)		102	200	39	S3		GA6093	OPP	30	
		R (137)		112	200	39	S3		GA6093	OPP	30	
		S (150)		122	190	37	S3		GA6093	OPP	30	
		T (165)		134	175	34	S3		GA6093	OPP	30	
3200		Z (40)		33	250	49	S3	CLUTCH SHIFT	GA6093	OPP	30	
		A (50)		41	250	49	S3	CLUTCH SHIFT	GA6093	OPP	30	
		B (55)		45	250	49	S3	CLUTCH SHIFT	GA6093	OPP	30	
		C (73)		59	250	49	S3	CLUTCH SHIFT	GA6093	OPP	30	
		E (86)		71	225	44	S3	CLUTCH SHIFT	GA6093	OPP	30	
		J (95)		78	225	44	S3	CLUTCH SHIFT	GA6093	OPP	30	
		O (125)		102	200	39	S3	CLUTCH SHIFT	GA6093	OPP	30	
		R (137)		111	200	39	S3	CLUTCH SHIFT	GA6093	OPP	30	
		S (150)		122	190	37	S3	CLUTCH SHIFT	GA6093	OPP	30	
		T (165)		134	175	34	S3	CLUTCH SHIFT	GA6093	OPP	30	
6000		Forward (73)		59	150	30	S3		GA6093	BOTH	30	
		Reverse (83)		68	150	30	S3		GA6093	BOTH	30	

For complete part numbers, consult the PTO Series section (page 25)

Spicer

6852G

SPIC.36

6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		31	250	49	INCL			OPP	03	
		C (73)		42	250	49	INCL			OPP	03	
		E (86)		50	225	44	INCL			OPP	03	
		J (95)		54	225	44	INCL			OPP	03	
		O (125)		71	200	39	INCL			OPP	03	
		R (137)		78	200	39	INCL			OPP	03	
		S (150)		85	190	37	INCL			OPP	03	
		T (165)		94	175	34	INCL			OPP	03	
1000		B (55)		34	250	49	INCL		GA6093	OPP	05	
		C (73)		45	250	49	INCL		GA6093	OPP	05	
		E (86)		54	225	44	INCL		GA6093	OPP	05	
		J (95)		59	225	44	INCL		GA6093	OPP	05	
		O (125)		78	200	39	INCL		GA6093	OPP	05	
		R (137)		85	200	39	INCL		GA6093	OPP	05	
		S (150)		93	190	37	INCL		GA6093	OPP	05	
		T (165)		103	175	34	INCL		GA6093	OPP	05	
		Z (40)		23	250	49	INCL	CLUTCH SHIFT		OPP	03	
		A (50)		28	250	49	INCL	CLUTCH SHIFT		OPP	03	
3200		B (55)		31	250	49	INCL	CLUTCH SHIFT		OPP	03	
		C (73)		42	250	49	INCL	CLUTCH SHIFT		OPP	03	
		E (86)		50	225	44	INCL	CLUTCH SHIFT		OPP	03	
		J (95)		54	225	44	INCL	CLUTCH SHIFT		OPP	03	
		O (125)		71	200	39	INCL	CLUTCH SHIFT		OPP	03	
		R (137)		78	200	39	INCL	CLUTCH SHIFT		OPP	03	
		S (150)		85	190	37	INCL	CLUTCH SHIFT		OPP	03	
		T (165)		94	175	34	INCL	CLUTCH SHIFT		OPP	03	
		Z (40)		25	250	49	INCL	CLUTCH SHIFT	GA6093	OPP	05	
		A (50)		31	250	49	INCL	CLUTCH SHIFT	GA6093	OPP	05	
3200		B (55)		34	250	49	INCL	CLUTCH SHIFT	GA6093	OPP	05	
		C (73)		45	250	49	INCL	CLUTCH SHIFT	GA6093	OPP	05	
		E (86)		54	225	44	INCL	CLUTCH SHIFT	GA6093	OPP	05	
		J (95)		60	225	44	INCL	CLUTCH SHIFT	GA6093	OPP	05	
		O (125)		78	200	39	INCL	CLUTCH SHIFT	GA6093	OPP	05	
		R (137)		85	200	39	INCL	CLUTCH SHIFT	GA6093	OPP	05	
		S (150)		93	190	37	INCL	CLUTCH SHIFT	GA6093	OPP	05	
		T (165)		102	175	34	INCL	CLUTCH SHIFT	GA6093	OPP	05	

For complete part numbers, consult the PTO Series section (page 25)







Spicer

CM-6052C(301255)(301083)(301415)

ES65-5E(301468)

SPIC.37

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		62	250	49	S5		6450S	OPP	05	
		C (73)		83	250	49	S5		6450S	OPP	05	
		E (86)		99	225	44	S5		6450S	OPP	05	
		J (95)		108	225	44	S5		6450S	OPP	05	
		O (125)		142	200	39	S5		6450S	OPP	05	
		R (137)		156	200	39	S5		6450S	OPP	05	
		S (150)		170	190	37	S5		6450S	OPP	05	
		T (165)		187	175	34	S5		6450S	OPP	05	
3200		Z (40)		45	250	49	S5	CLUTCH SHIFT	6450S	OPP	05	
		A (50)		57	250	49	S5	CLUTCH SHIFT	6450S	OPP	05	
		B (55)		62	250	49	S5	CLUTCH SHIFT	6450S	OPP	05	
		C (73)		83	250	49	S5	CLUTCH SHIFT	6450S	OPP	05	
		E (86)		99	225	44	S5	CLUTCH SHIFT	6450S	OPP	05	
		J (95)		109	225	44	S5	CLUTCH SHIFT	6450S	OPP	05	
		O (125)		142	200	39	S5	CLUTCH SHIFT	6450S	OPP	05	
		R (137)		155	200	39	S5	CLUTCH SHIFT	6450S	OPP	05	
		S (150)		170	190	37	S5	CLUTCH SHIFT	6450S	OPP	05	
	T (165)		187	175	34	S5	CLUTCH SHIFT	6450S	OPP	05		
6000		Forward (73)		83	150	30	S5		6450S	BOTH	05	
		Reverse (83)		94	150	30	S5		6450S	BOTH	05	

Spicer







////////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //



CM-6052C(301255)(301083)(301415)

ES65-5E(301468)

SPIC.37

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)			250		S8	8375S	8600S	OPP	05	
		B (55)		62	250	49	S8	8375S	8600S	OPP	05	
		C (73)		83	250	49	S8	8375S	8600S	OPP	05	
		E (86)		99	225	44	S8	8375S	8600S	OPP	05	
		J (95)		108	225	44	S8	8375S	8600S	OPP	05	
		O (125)		142	200	39	S8	8375S	8600S	OPP	05	
		R (137)		156	200	39	S8	8375S	8600S	OPP	05	
		S (150)		170	190	37	S8	8375S	8600S	OPP	05	
		T (165)		187	175	34	S8	8375S	8600S	OPP	05	
3800		Z (40)		43	250	49	S8	8375S CLUTCH SHIFT	8600S	OPP	05	
		A (50)		54	250	49	S8	8375S CLUTCH SHIFT	8600S	OPP	05	
		B (55)		60	250	49	S8	8375S CLUTCH SHIFT	8600S	OPP	05	
		C (73)		79	250	49	S8	8375S CLUTCH SHIFT	8600S	OPP	05	
		E (86)		95	225	44	S8	8375S CLUTCH SHIFT	8600S	OPP	05	
		J (95)		104	225	44	S8	8375S CLUTCH SHIFT	8600S	OPP	05	
		O (125)		136	200	39	S8	8375S CLUTCH SHIFT	8600S	OPP	05	
		R (137)		148	200	39	S8	8375S CLUTCH SHIFT	8600S	OPP	05	
		S (150)		163	190	37	S8	8375S CLUTCH SHIFT	8600S	OPP	05	
	T (165)		179	175	34	S8	8375S CLUTCH SHIFT	8600S	OPP	05		
6800		Forward (55)		79	150	30	S8	8375S	8600S	BOTH	05	
		Reverse (52)		90	150	30	S8	8375S	8600S	BOTH	05	
8000		Forward (40)		45	500	95	S8	8375S	8600S	BOTH	05	
		Reverse (50)		53	500	95	S8	8375S	8600S	BOTH	05	
8500		B (57)		41	500	95	S8	8375S	8600S	OPP	05	
		C (70)		54	500	95	S8	8375S	8600S	OPP	05	
		E (86)		65	480	90	S8	8375S	8600S	OPP	05	
		J (105)		81	450	86	S8	8375S	8600S	OPP	05	
		O (127)		93	400	76	S8	8375S	8600S	OPP	05	
		R (137)		102	360	68	S8	8375S	8600S	OPP	05	
		S (150)		112	320	62	S8	8375S	8600S	OPP	05	
	T (165)		123	280	54	S8	8375S	8600S	OPP	05		

For complete part numbers, consult the PTO Series section (page 25)







Spicer

1262A(301105)

1264A(301106)




SPIC.38

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		64	250	49	S9	6140S	AD530-1X	ENG	01	
		C (73)		85	250	49	S9	6140S	AD530-1X	ENG	01	
		E (86)		101	225	44	S9	6140S	AD530-1X	ENG	01	
		J (95)		111	225	44	S9	6140S	AD530-1X	ENG	01	
		O (125)		146	200	39	S9	6140S	AD530-1X	ENG	01	
		R (137)		160	200	39	S9	6140S	AD530-1X	ENG	01	
		S (150)		175	190	37	S9	6140S	AD530-1X	ENG	01	
		T (165)		192	175	34	S9	6140S	AD530-1X	ENG	01	
3200		Z (40)		47	250	49	S9	6140S CLUTCH SHIFT	AD530-1X	ENG	01	
		A (50)		58	250	49	S9	6140S CLUTCH SHIFT	AD530-1X	ENG	01	
		B (55)		64	250	49	S9	6140S CLUTCH SHIFT	AD530-1X	ENG	01	
		C (73)		85	250	49	S9	6140S CLUTCH SHIFT	AD530-1X	ENG	01	
		E (86)		102	225	44	S9	6140S CLUTCH SHIFT	AD530-1X	ENG	01	
		J (95)		112	225	44	S9	6140S CLUTCH SHIFT	AD530-1X	ENG	01	
		O (125)		146	200	39	S9	6140S CLUTCH SHIFT	AD530-1X	ENG	01	
		R (137)		160	200	39	S9	6140S CLUTCH SHIFT	AD530-1X	ENG	01	
		S (150)		175	190	37	S9	6140S CLUTCH SHIFT	AD530-1X	ENG	01	
	T (165)		192	175	34	S9	6140S CLUTCH SHIFT	AD530-1X	ENG	01		
6000		Forward (73)		85	150	30	S9	6140S	AD530-1X	BOTH	01	
		Reverse (83)		97	150	30	S9	6140S	AD530-1X	BOTH	01	

For complete part numbers, consult the PTO Series section (page 25)

5752C(8-BOLT&6-BOLTOPENING)

SPIC.39







	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		29	250	49	INCL			OPP	03	
		C (73)		38	250	49	INCL			OPP	03	
		E (86)		45	225	44	INCL			OPP	03	
		J (95)		49	225	44	INCL			OPP	03	
		O (125)		65	200	39	INCL			OPP	03	
		R (137)		71	200	39	INCL			OPP	03	
		S (150)		78	190	37	INCL			OPP	03	
		T (165)		86	175	34	INCL			OPP	03	
3200		Z (40)		19	250	49	INCL	CLUTCH SHIFT		OPP	03	
		A (50)		24	250	49	INCL	CLUTCH SHIFT		OPP	03	
		B (55)		26	250	49	INCL	CLUTCH SHIFT		OPP	03	
		C (73)		35	250	49	INCL	CLUTCH SHIFT		OPP	03	
		E (86)		42	225	44	INCL	CLUTCH SHIFT		OPP	03	
		J (95)		45	225	44	INCL	CLUTCH SHIFT		OPP	03	
		O (125)		59	200	39	INCL	CLUTCH SHIFT		OPP	03	
		R (137)		65	200	39	INCL	CLUTCH SHIFT		OPP	03	
		S (150)		71	190	37	INCL	CLUTCH SHIFT		OPP	03	
		T (165)		78	175	34	INCL	CLUTCH SHIFT		OPP	03	

For complete part numbers, consult the PTO Series section (page 25)

Spicer

5752C(8-BOLT&6-BOLT OPENING)




SPIC.39

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)			250		S6		08375S	OPP	08	
		B (55)		55	250	49	S6		08375S	OPP	08	
		C (73)		73	250	49	S6		08375S	OPP	08	
		E (086)		087	225	44	S6		08375S	OPP	08	
		J (95)		95	225	44	S6		08375S	OPP	08	
		O (125)		125	200	39	S6		08375S	OPP	08	
		R (137)		137	200	39	S6		08375S	OPP	08	
		S (150)		150	190	37	S6		08375S	OPP	08	
		T (165)		165	175	34	S6		08375S	OPP	08	
3800		Z (40)		44	250	49	S6	CLUTCH SHIFT	08375S	OPP	08	
		A (50)		54	250	49	S6	CLUTCH SHIFT	08375S	OPP	08	
		B (55)		60	250	49	S6	CLUTCH SHIFT	08375S	OPP	08	
		C (73)		79	250	49	S6	CLUTCH SHIFT	08375S	OPP	08	
		E (086)		95	225	44	S6	CLUTCH SHIFT	08375S	OPP	08	
		J (95)		104	225	44	S6	CLUTCH SHIFT	08375S	OPP	08	
		O (125)		136	200	39	S6	CLUTCH SHIFT	08375S	OPP	08	
		R (137)		149	200	39	S6	CLUTCH SHIFT	08375S	OPP	08	
		S (150)		163	190	37	S6	CLUTCH SHIFT	08375S	OPP	08	
	T (165)		179	175	34	S6	CLUTCH SHIFT	08375S	OPP	08		
6800		Forward (55)		79	150	30	S6		08375S	BOTH	08	
		Reverse (52)		90	150	30	S6		08375S	BOTH	08	
8000		Forward (40)		45	500	95	S6		08375S	BOTH	08	
		Reverse (50)		53	500	95	S6		08375S	BOTH	08	
8500		B (57)		41	500	95	S6		08375S	OPP	08	
		C (70)		55	500	95	S6		08375S	OPP	08	
		E (086)		65	4080	90	S6		08375S	OPP	08	
		J (105)		081	450	086	S6		08375S	OPP	08	
		O (127)		94	400	76	S6		08375S	OPP	08	
		R (137)		102	360	608	S6		08375S	OPP	08	
		S (150)		112	320	62	S6		08375S	OPP	08	
	T (165)		123	2080	54	S6		08375S	OPP	08		

For complete part numbers, consult the PTO Series section (page 25)

5753A

SPIC.40

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		29	250	49	INCL			OPP	03	
		C (73)		38	250	49	INCL			OPP	03	
		E (86)		45	225	44	INCL			OPP	03	
		J (95)		49	225	44	INCL			OPP	03	
		O (125)		65	200	39	INCL			OPP	03	
		R (137)		71	200	39	INCL			OPP	03	
		S (150)		78	190	37	INCL			OPP	03	
		T (165)		86	175	34	INCL			OPP	03	
3200		Z (40)		19	250	49	INCL	CLUTCH SHIFT		OPP	03	
		A (50)		24	250	49	INCL	CLUTCH SHIFT		OPP	03	
		B (55)		26	250	49	INCL	CLUTCH SHIFT		OPP	03	
		C (73)		35	250	49	INCL	CLUTCH SHIFT		OPP	03	
		E (86)		42	225	44	INCL	CLUTCH SHIFT		OPP	03	
		J (95)		45	225	44	INCL	CLUTCH SHIFT		OPP	03	
		O (125)		59	200	39	INCL	CLUTCH SHIFT		OPP	03	
		R (137)		65	200	39	INCL	CLUTCH SHIFT		OPP	03	
		S (150)		71	190	37	INCL	CLUTCH SHIFT		OPP	03	
		T (165)		78	175	34	INCL	CLUTCH SHIFT		OPP	03	

For complete part numbers, consult the PTO Series section (page 25)



Spicer

5753A

SPIC.40

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000	A (50)				250		S6	8295S	8375S	OPP	08	
	B (55)			63	250	49	S6	8295S	8375S	OPP	08	
	C (73)			83	250	49	S6	8295S	8375S	OPP	08	
	E (86)			99	225	44	S6	8295S	8375S	OPP	08	
	J (95)			108	225	44	S6	8295S	8375S	OPP	08	
	O (125)			143	200	39	S6	8295S	8375S	OPP	08	
	R (137)			156	200	39	S6	8295S	8375S	OPP	08	
	S (150)			171	190	37	S6	8295S	8375S	OPP	08	
	T (165)			188	175	34	S6	8295S	8375S	OPP	08	
3800	Z (40)			50	250	49	S6	8295S CLUTCH SHIFT	8375S	OPP	08	
	A (50)			62	250	49	S6	8295S CLUTCH SHIFT	8375S	OPP	08	
	B (55)			68	250	49	S6	8295S CLUTCH SHIFT	8375S	OPP	08	
	C (73)			91	250	49	S6	8295S CLUTCH SHIFT	8375S	OPP	08	
	E (86)			109	225	44	S6	8295S CLUTCH SHIFT	8375S	OPP	08	
	J (95)			119	225	44	S6	8295S CLUTCH SHIFT	8375S	OPP	08	
	O (125)			155	200	39	S6	8295S CLUTCH SHIFT	8375S	OPP	08	
	R (137)			170	200	39	S6	8295S CLUTCH SHIFT	8375S	OPP	08	
	S (150)			187	190	37	S6	8295S CLUTCH SHIFT	8375S	OPP	08	
T (165)			205	175	34	S6	8295S CLUTCH SHIFT	8375S	OPP	08		
6800	Forward (55)			91	150	30	S6	8295S	8375S	BOTH	08	
	Reverse (52)			103	150	30	S6	8295S	8375S	BOTH	08	
8000	Forward (40)			51	500	95	S6	8295S	8375S	BOTH	08	
	Reverse (50)			61	500	95	S6	8295S	8375S	BOTH	08	
8500	B (57)			47	500	95	S6	8295S	8375S	OPP	08	
	C (70)			62	500	95	S6	8295S	8375S	OPP	08	
	E (86)			74	480	90	S6	8295S	8375S	OPP	08	
	J (105)			92	450	86	S6	8295S	8375S	OPP	08	
	O (127)			107	400	76	S6	8295S	8375S	OPP	08	
	R (137)			117	360	68	S6	8295S	8375S	OPP	08	
	S (150)			128	320	62	S6	8295S	8375S	OPP	08	
T (165)			141	280	54	S6	8295S	8375S	OPP	08		

For complete part numbers, consult the PTO Series section (page 25)





1007-3A(301121)(301208)



1207-3A(301199)

1263B(301109)

PSO120-8LL(301644)

SPIC.41

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		77	250	49	S3	GA6032	6350S	OPP	01	
		C (73)		102	250	49	S3	GA6032	6350S	OPP	01	
		E (86)		122	225	44	S3	GA6032	6350S	OPP	01	
		J (95)		133	225	44	S3	GA6032	6350S	OPP	01	
		O (125)		175	200	39	S3	GA6032	6350S	OPP	01	
		R (137)		192	200	39	S3	GA6032	6350S	OPP	01	
		S (150)		210	190	37	S3	GA6032	6350S	OPP	01	
		T (165)		231	175	34	S3	GA6032	6350S	OPP	01	
3200		Z (40)		56	250	49	S3	GA6032 CLUTCH SHIFT	6350S	OPP	01	
		A (50)		70	250	49	S3	GA6032 CLUTCH SHIFT	6350S	OPP	01	
		B (55)		77	250	49	S3	GA6032 CLUTCH SHIFT	6350S	OPP	01	
		C (73)		102	250	49	S3	GA6032 CLUTCH SHIFT	6350S	OPP	01	
		E (86)		123	225	44	S3	GA6032 CLUTCH SHIFT	6350S	OPP	01	
		J (95)		134	225	44	S3	GA6032 CLUTCH SHIFT	6350S	OPP	01	
		O (125)		175	200	39	S3	GA6032 CLUTCH SHIFT	6350S	OPP	01	
		R (137)		192	200	39	S3	GA6032 CLUTCH SHIFT	6350S	OPP	01	
		S (150)		210	190	37	S3	GA6032 CLUTCH SHIFT	6350S	OPP	01	
6000		Forward (73)		102	150	30	S3	GA6032	6350S	BOTH	01	
		Reverse (83)		116	150	30	S3	GA6032	6350S	BOTH	01	

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)		70	250		INCL	GA8032	8165S	OPP	01	
		B (55)		77	250	49	INCL	GA8032	8165S	OPP	01	
		C (73)		102	250	49	INCL	GA8032	8165S	OPP	01	
		E (86)		122	225	44	INCL	GA8032	8165S	OPP	01	
		J (95)		133	225	44	INCL	GA8032	8165S	OPP	01	
		O (125)		175	200	39	INCL	GA8032	8165S	OPP	01	
		R (137)		192	200	39	INCL	GA8032	8165S	OPP	01	
		S (150)		210	190	37	INCL	GA8032	8165S	OPP	01	
		T (165)		231	175	34	INCL	GA8032	8165S	OPP	01	

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)









Spicer

1007-3A(301121)(301208) 1207-3A(301199)

1263B(301109)

PSO120-8LL(301644)

SPIC.41




8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
3800		Z (40)		56	250	49	INCL	GA8032 CLUTCH SHIFT	8165S	OPP	1	
		A (50)		70	250	49	INCL	GA8032 CLUTCH SHIFT	8165S	OPP	1	
		B (55)		77	250	49	INCL	GA8032 CLUTCH SHIFT	8165S	OPP	1	
		C (73)		102	250	49	INCL	GA8032 CLUTCH SHIFT	8165S	OPP	1	
		E (86)		123	225	44	INCL	GA8032 CLUTCH SHIFT	8165S	OPP	1	
		J (95)		134	225	44	INCL	GA8032 CLUTCH SHIFT	8165S	OPP	1	
		O (125)		175	200	39	INCL	GA8032 CLUTCH SHIFT	8165S	OPP	1	
		R (137)		192	200	39	INCL	GA8032 CLUTCH SHIFT	8165S	OPP	1	
		S (150)		210	190	37	INCL	GA8032 CLUTCH SHIFT	8165S	OPP	1	
	T (165)		231	175	34	INCL	GA8032 CLUTCH SHIFT	8165S	OPP	1		
4100		B (57)		80	450	87	INCL	(SP2) GA8032	8165S	OPP	1	
		C (70)		98	470	90	INCL	(SP2) GA8032	8165S	OPP	1	
		E (86)		121	470	90	INCL	(SP2) GA8032	8165S	OPP	1	
		J (105)		147	400	77	INCL	(SP2) GA8032	8165S	OPP	1	
4250		Output 1 C (96)		135	420	80	INCL	(SP2) GA8032		OPP	1	
		Output 2 B (89)		125	420	80	INCL	(SP2) GA8032		OPP	1	
		Output 1 E (112)		158	400	76.5	INCL	(SP2) GA8032		OPP	1	
		Output 2 C (104)		146	420	80	INCL	(SP2) GA8032		OPP	1	
		Output 1 J (132)		185	380	73	INCL	(SP2) GA8032		OPP	1	
		Output 2 E (121)		169	400	76.5	INCL	(SP2) GA8032		OPP	1	
		Output 1 O (168)		236	350	67	INCL	(SP2) GA8032		OPP	1	
		Output 2 J (152)		214	380	73	INCL	(SP2) GA8032		OPP	1	
6800		Forward (55)		102	150	30	INCL	GA8032	8165S	BOTH	1	
		Reverse (52)		116	150	30	INCL	GA8032	8165S	BOTH	1	
8000		Forward (40)		58	500	95	INCL	GA8032	8165S	BOTH	1	
		Reverse (50)		69	500	95	INCL	GA8032	8165S	BOTH	1	
8500		B (57)		53	500	95	INCL	GA8032	8165S	OPP	1	
		C (70)		70	500	95	INCL	GA8032	8165S	OPP	1	
		E (86)		84	480	90	INCL	GA8032	8165S	OPP	1	
		J (105)		104	450	86	INCL	GA8032	8165S	OPP	1	
		O (127)		120	400	76	INCL	GA8032	8165S	OPP	1	
		R (137)		132	360	68	INCL	GA8032	8165S	OPP	1	
		S (150)		145	320	62	INCL	GA8032	8165S	OPP	1	
	T (165)		159	280	54	INCL	GA8032	8165S	OPP	1		

For complete part numbers, consult the PTO Series section (page 25)

1211-3A

1211-5A

SPIC.42

6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		73	250	49	S9	61500S, 6300S	AD530-1X	ENG	01	
		C (73)		97	250	49	S9	61500S, 6300S	AD530-1X	ENG	01	
		E (86)		115	225	44	S9	61500S, 6300S	AD530-1X	ENG	01	
		J (95)		126	225	44	S9	61500S, 6300S	AD530-1X	ENG	01	
		O (125)		165	200	39	S9	61500S, 6300S	AD530-1X	ENG	01	
		R (137)		181	200	39	S9	61500S, 6300S	AD530-1X	ENG	01	
		S (150)		199	190	37	S9	61500S, 6300S	AD530-1X	ENG	01	
		T (165)		218	175	34	S9	61500S, 6300S	AD530-1X	ENG	01	
3200		Z (40)		53	250	49	S9	61500S, 6300S CLUTCH SHIFT	AD530-1X	ENG	01	
		A (50)		66	250	49	S9	61500S, 6300S CLUTCH SHIFT	AD530-1X	ENG	01	
		B (55)		73	250	49	S9	61500S, 6300S CLUTCH SHIFT	AD530-1X	ENG	01	
		C (73)		97	250	49	S9	61500S, 6300S CLUTCH SHIFT	AD530-1X	ENG	01	
		E (86)		116	225	44	S9	61500S, 6300S CLUTCH SHIFT	AD530-1X	ENG	01	
		J (95)		127	225	44	S9	61500S, 6300S CLUTCH SHIFT	AD530-1X	ENG	01	
		O (125)		165	200	39	S9	61500S, 6300S CLUTCH SHIFT	AD530-1X	ENG	01	
		R (137)		181	200	39	S9	61500S, 6300S CLUTCH SHIFT	AD530-1X	ENG	01	
		S (150)		199	190	37	S9	61500S, 6300S CLUTCH SHIFT	AD530-1X	ENG	01	
		T (165)		218	175	34	S9	61500S, 6300S CLUTCH SHIFT	AD530-1X	ENG	01	
6000		Forward (73)		97	150	30	S9	61500S, 6300S	AD530-1X	BOTH	01	
		Reverse (83)		110	150	30	S9	61500S, 6300S	AD530-1X	BOTH	01	

Spicer

For complete part numbers, consult the PTO Series section (page 25)








Spicer

1211-3A

1211-5A

SPIC.42




8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000	A (50)			66	250		INCL			OPP	01	
	B (55)			73	250	49	INCL			OPP	01	
	C (73)			97	250	49	INCL			OPP	01	
	E (86)			115	225	44	INCL			OPP	01	
	J (95)			126	225	44	INCL			OPP	01	
	O (125)			165	200	39	INCL			OPP	01	
	R (137)			181	200	39	INCL			OPP	01	
	S (150)			199	190	37	INCL			OPP	01	
	T (165)			218	175	34	INCL			OPP	01	
3800	Z (40)			53	250	49	INCL	CLUTCH SHIFT		OPP	01	
	A (50)			66	250	49	INCL	CLUTCH SHIFT		OPP	01	
	B (55)			73	250	49	INCL	CLUTCH SHIFT		OPP	01	
	C (73)			97	250	49	INCL	CLUTCH SHIFT		OPP	01	
	E (86)			116	225	44	INCL	CLUTCH SHIFT		OPP	01	
	J (95)			127	225	44	INCL	CLUTCH SHIFT		OPP	01	
	O (125)			165	200	39	INCL	CLUTCH SHIFT		OPP	01	
	R (137)			181	200	39	INCL	CLUTCH SHIFT		OPP	01	
	S (150)			199	190	37	INCL	CLUTCH SHIFT		OPP	01	
	T (165)			218	175	34	INCL	CLUTCH SHIFT		OPP	01	
6800	Forward (55)			97	150	30	INCL			BOTH	01	
	Reverse (52)			110	150	30	INCL			BOTH	01	
8000	Forward (40)			55	500	95	INCL			BOTH	01	
	Reverse (50)			65	500	95	INCL			BOTH	01	
8500	B (57)			50	500	95	INCL			OPP	01	
	C (70)			66	500	95	INCL			OPP	01	
	E (86)			79	480	90	INCL			OPP	01	
	J (105)			98	450	86	INCL			OPP	01	
	O (127)			114	400	76	INCL			OPP	01	
	R (137)			125	360	68	INCL			OPP	01	
	S (150)			137	320	62	INCL			OPP	01	
T (165)			150	280	54	INCL			OPP	01		

For complete part numbers, consult the PTO Series section (page 25)

1214-3A(301130)(301212)

1214-5A(301131)(301213)

SPIC.43

6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		77	250	49	S5	(SP16)	6300S	OPP	01	
		C (73)		102	250	49	S5	(SP16)	6300S	OPP	01	
		E (86)		122	225	44	S5	(SP16)	6300S	OPP	01	
		J (95)		133	225	44	S5	(SP16)	6300S	OPP	01	
		O (125)		175	200	39	S5	(SP16)	6300S	OPP	01	
		R (137)		192	200	39	S5	(SP16)	6300S	OPP	01	
		S (150)		210	190	37	S5	(SP16)	6300S	OPP	01	
		T (165)		231	175	34	S5	(SP16)	6300S	OPP	01	
3200		Z (40)		56	250	49	S5	(SP16) CLUTCH SHIFT	6300S	OPP	01	
		A (50)		70	250	49	S5	(SP16) CLUTCH SHIFT	6300S	OPP	01	
		B (55)		77	250	49	S5	(SP16) CLUTCH SHIFT	6300S	OPP	01	
		C (73)		102	250	49	S5	(SP16) CLUTCH SHIFT	6300S	OPP	01	
		E (86)		123	225	44	S5	(SP16) CLUTCH SHIFT	6300S	OPP	01	
		J (95)		134	225	44	S5	(SP16) CLUTCH SHIFT	6300S	OPP	01	
		O (125)		175	200	39	S5	(SP16) CLUTCH SHIFT	6300S	OPP	01	
		R (137)		192	200	39	S5	(SP16) CLUTCH SHIFT	6300S	OPP	01	
		S (150)		210	190	37	S5	(SP16) CLUTCH SHIFT	6300S	OPP	01	
6000		Forward (73)		102	150	30	S5	(SP16)	6300S	BOTH	01	
		Reverse (83)		116	150	30	S5	(SP16)	6300S	BOTH	01	

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)		70	250		INCL	(SP16) GA8093	GA8062	OPP	01	
		B (55)		77	250	49	INCL	(SP16) GA8093	GA8062	OPP	01	
		C (73)		102	250	49	INCL	(SP16) GA8093	GA8062	OPP	01	
		E (86)		122	225	44	INCL	(SP16) GA8093	GA8062	OPP	01	
		J (95)		133	225	44	INCL	(SP16) GA8093	GA8062	OPP	01	
		O (125)		175	200	39	INCL	(SP16) GA8093	GA8062	OPP	01	
		R (137)		192	200	39	INCL	(SP16) GA8093	GA8062	OPP	01	
		S (150)		210	190	37	INCL	(SP16) GA8093	GA8062	OPP	01	
		T (165)		231	175	34	INCL	(SP16) GA8093	GA8062	OPP	01	

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)



8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
3800		Z (40)		56	250	49	INCL (SP16)	GA8093 CLUTCH SHIFT	GA8062	OPP	01	
		A (50)		70	250	49	INCL (SP16)	GA8093 CLUTCH SHIFT	GA8062	OPP	01	
		B (55)		77	250	49	INCL (SP16)	GA8093 CLUTCH SHIFT	GA8062	OPP	01	
		C (73)		102	250	49	INCL (SP16)	GA8093 CLUTCH SHIFT	GA8062	OPP	01	
		E (86)		123	225	44	INCL (SP16)	GA8093 CLUTCH SHIFT	GA8062	OPP	01	
		J (95)		134	225	44	INCL (SP16)	GA8093 CLUTCH SHIFT	GA8062	OPP	01	
		O (125)		175	200	39	INCL (SP16)	GA8093 CLUTCH SHIFT	GA8062	OPP	01	
		R (137)		192	200	39	INCL (SP16)	GA8093 CLUTCH SHIFT	GA8062	OPP	01	
		S (150)		210	190	37	INCL (SP16)	GA8093 CLUTCH SHIFT	GA8062	OPP	01	
	T (165)		231	175	34	INCL (SP16)	GA8093 CLUTCH SHIFT	GA8062	OPP	01		
4100		B (57)		80	450	87	INCL (SP2,16)	GA8093	GA8062	OPP	01	
		C (70)		98	470	90	INCL (SP2,16)	GA8093	GA8062	OPP	01	
		E (86)		121	470	90	INCL (SP2,16)	GA8093	GA8062	OPP	01	
		J (105)		147	400	77	INCL (SP2,16)	GA8093	GA8062	OPP	01	
4250		Output 1 C (96)		135	420	80	INCL (SP2,16)	GA8093		OPP	01	
		Output 2 B (89)		125	420	80	INCL (SP2,16)	GA8093		OPP	01	
		Output 1 E (112)		158	400	76.5	INCL (SP2,16)	GA8093		OPP	01	
		Output 2 C (104)		146	420	80	INCL (SP2,16)	GA8093		OPP	01	
		Output 1 J (132)		185	380	73	INCL (SP2,16)	GA8093		OPP	01	
		Output 2 E (121)		169	400	76.5	INCL (SP2,16)	GA8093		OPP	01	
		Output 1 O (168)		236	350	67	INCL (SP2,16)	GA8093		OPP	01	
		Output 2 J (152)		214	380	73	INCL (SP2,16)	GA8093		OPP	01	
6800		Forward (55)		102	150	30	INCL (SP16)	GA8093	GA8062	BOTH	01	
		Reverse (52)		116	150	30	INCL (SP16)	GA8093	GA8062	BOTH	01	
8000		Forward (40)		58	500	95	INCL (SP16)	GA8093	GA8062	BOTH	01	
		Reverse (50)		69	500	95	INCL (SP16)	GA8093	GA8062	BOTH	01	
8500		B (57)		53	500	95	INCL (SP16)	GA8093	GA8062	OPP	01	
		C (70)		70	500	95	INCL (SP16)	GA8093	GA8062	OPP	01	
		E (86)		84	480	90	INCL (SP16)	GA8093	GA8062	OPP	01	
		J (105)		104	450	86	INCL (SP16)	GA8093	GA8062	OPP	01	
		O (127)		120	400	76	INCL (SP16)	GA8093	GA8062	OPP	01	
		R (137)		132	360	68	INCL (SP16)	GA8093	GA8062	OPP	01	
		S (150)		145	320	62	INCL (SP16)	GA8093	GA8062	OPP	01	
	T (165)		159	280	54	INCL (SP16)	GA8093	GA8062	OPP	01		

FOOT NOTES:

SP2: Possible internal transmission gear interference with 4100 series "J" & "O" ratios. Check before installing PTO. SP16: Speeds shown with transmission in high range. Multiply speeds by .84 for low range.

For complete part numbers, consult the PTO Series section (page 25)





1263A(301107)
1265A(301108)


1463A(301175)
1463C(301357)

PSO140-6A(301472)
PSO140-6C(301486)

PSO150-16A(301641)
TSPO155-16A

SPIC.44

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		77	250	49	S3	(SP16)	6270S	OPP	01	
		C (73)		102	250	49	S3	(SP16)	6270S	OPP	01	
		E (86)		122	225	44	S3	(SP16)	6270S	OPP	01	
		J (95)		133	225	44	S3	(SP16)	6270S	OPP	01	
		O (125)		175	200	39	S3	(SP16)	6270S	OPP	01	
		R (137)		192	200	39	S3	(SP16)	6270S	OPP	01	
		S (150)		210	190	37	S3	(SP16)	6270S	OPP	01	
		T (165)		231	175	34	S3	(SP16)	6270S	OPP	01	
3200		Z (40)		56	250	49	S3	(SP16) CLUTCH SHIFT	6270S	OPP	01	
		A (50)		70	250	49	S3	(SP16) CLUTCH SHIFT	6270S	OPP	01	
		B (55)		77	250	49	S3	(SP16) CLUTCH SHIFT	6270S	OPP	01	
		C (73)		102	250	49	S3	(SP16) CLUTCH SHIFT	6270S	OPP	01	
		E (86)		123	225	44	S3	(SP16) CLUTCH SHIFT	6270S	OPP	01	
		J (95)		134	225	44	S3	(SP16) CLUTCH SHIFT	6270S	OPP	01	
		O (125)		175	200	39	S3	(SP16) CLUTCH SHIFT	6270S	OPP	01	
		R (137)		192	200	39	S3	(SP16) CLUTCH SHIFT	6270S	OPP	01	
		S (150)		210	190	37	S3	(SP16) CLUTCH SHIFT	6270S	OPP	01	
		T (165)		231	175	34	S3	(SP16) CLUTCH SHIFT	6270S	OPP	01	
6000		Forward (73)		102	150	30	S3	(SP16)	6270S	BOTH	01	
		Reverse (83)		116	150	30	S3	(SP16)	6270S	BOTH	01	

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)		70	250		INCL	(SP16) GA8093	GA8062	OPP	01	
		B (55)		77	250	49	INCL	(SP16) GA8093	GA8062	OPP	01	
		C (73)		102	250	49	INCL	(SP16) GA8093	GA8062	OPP	01	
		E (86)		122	225	44	INCL	(SP16) GA8093	GA8062	OPP	01	
		J (95)		133	225	44	INCL	(SP16) GA8093	GA8062	OPP	01	
		O (125)		175	200	39	INCL	(SP16) GA8093	GA8062	OPP	01	
		R (137)		192	200	39	INCL	(SP16) GA8093	GA8062	OPP	01	
		S (150)		210	190	37	INCL	(SP16) GA8093	GA8062	OPP	01	
		T (165)		231	175	34	INCL	(SP16) GA8093	GA8062	OPP	01	

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)



Spicer

1263A(301107)
1265A(301108)

1463A(301175)
1463C(301357)

PSO140-6A(301472)
PSO140-6C(301486)

PSO150-16A(301641)
TSP0155-16A

SPIC.44

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
3800		Z (40)		56	250	49	INCL (SP16)	GA8093 CLUTCH SHIFT	GA8062	OPP	01	
		A (50)		70	250	49	INCL (SP16)	GA8093 CLUTCH SHIFT	GA8062	OPP	01	
		B (55)		77	250	49	INCL (SP16)	GA8093 CLUTCH SHIFT	GA8062	OPP	01	
		C (73)		102	250	49	INCL (SP16)	GA8093 CLUTCH SHIFT	GA8062	OPP	01	
		E (86)		123	225	44	INCL (SP16)	GA8093 CLUTCH SHIFT	GA8062	OPP	01	
		J (95)		134	225	44	INCL (SP16)	GA8093 CLUTCH SHIFT	GA8062	OPP	01	
		O (125)		175	200	39	INCL (SP16)	GA8093 CLUTCH SHIFT	GA8062	OPP	01	
		R (137)		192	200	39	INCL (SP16)	GA8093 CLUTCH SHIFT	GA8062	OPP	01	
		S (150)		210	190	37	INCL (SP16)	GA8093 CLUTCH SHIFT	GA8062	OPP	01	
	T (165)		231	175	34	INCL (SP16)	GA8093 CLUTCH SHIFT	GA8062	OPP	01		
4100		B (57)		80	450	87	INCL (SP2,16)	GA8093	GA8062	OPP	01	
		C (70)		98	470	90	INCL (SP2,16)	GA8093	GA8062	OPP	01	
		E (86)		121	470	90	INCL (SP2,16)	GA8093	GA8062	OPP	01	
		J (105)		147	400	77	INCL (SP2,16)	GA8093	GA8062	OPP	01	
4250		Output 1 C (96)		135	420	80	INCL (SP2,16)	GA8093		OPP	01	
		Output 2 B (89)		125	420	80	INCL (SP2,16)	GA8093		OPP	01	
		Output 1 E (112)		158	400	76.5	INCL (SP2,16)	GA8093		OPP	01	
		Output 2 C (104)		146	420	80	INCL (SP2,16)	GA8093		OPP	01	
		Output 1 J (132)		185	380	73	INCL (SP2,16)	GA8093		OPP	01	
		Output 2 E (121)		169	400	76.5	INCL (SP2,16)	GA8093		OPP	01	
		Output 1 O (168)		236	350	67	INCL (SP2,16)	GA8093		OPP	01	
6800		Forward (55)		102	150	30	INCL (SP16)	GA8093	GA8062	BOTH	01	
		Reverse (52)		116	150	30	INCL (SP16)	GA8093	GA8062	BOTH	01	
8000		Forward (40)		58	500	95	INCL (SP16)	GA8093	GA8062	BOTH	01	
		Reverse (50)		69	500	95	INCL (SP16)	GA8093	GA8062	BOTH	01	
8500		B (57)		53	500	95	INCL (SP16)	GA8093	GA8062	OPP	01	
		C (70)		70	500	95	INCL (SP16)	GA8093	GA8062	OPP	01	
		E (86)		84	480	90	INCL (SP16)	GA8093	GA8062	OPP	01	
		J (105)		104	450	86	INCL (SP16)	GA8093	GA8062	OPP	01	
		O (127)		120	400	76	INCL (SP16)	GA8093	GA8062	OPP	01	
		R (137)		132	360	68	INCL (SP16)	GA8093	GA8062	OPP	01	
		S (150)		145	320	62	INCL (SP16)	GA8093	GA8062	OPP	01	
	T (165)		159	280	54	INCL (SP16)	GA8093	GA8062	OPP	01		

FOOT NOTES:

SP2: Possible internal transmission gear interference with 4100 series "J" & "O" ratios. Check before installing PTO. **SP16:** Speeds shown with transmission in high range. Multiply speeds by .84 for low range.

////////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //









Spicer

TSP0145-14A

TSP0155-14HP

SPIC.45

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000	B (55)		80		250	49	S5		6450S	OPP	01	
	C (73)		106		250	49	S5		6450S	OPP	01	
	E (86)		126		225	44	S5		6450S	OPP	01	
	J (95)		138		225	44	S5		6450S	OPP	01	
	O (125)		182		200	39	S5		6450S	OPP	01	
	R (137)		199		200	39	S5		6450S	OPP	01	
	S (150)		218		190	37	S5		6450S	OPP	01	
	T (165)		240		175	34	S5		6450S	OPP	01	
3200	Z (40)		58		250	49	S5	CLUTCH SHIFT	6450S	OPP	01	
	A (50)		73		250	49	S5	CLUTCH SHIFT	6450S	OPP	01	
	B (55)		80		250	49	S5	CLUTCH SHIFT	6450S	OPP	01	
	C (73)		106		250	49	S5	CLUTCH SHIFT	6450S	OPP	01	
	E (86)		127		225	44	S5	CLUTCH SHIFT	6450S	OPP	01	
	J (95)		139		225	44	S5	CLUTCH SHIFT	6450S	OPP	01	
	O (125)		182		200	39	S5	CLUTCH SHIFT	6450S	OPP	01	
	R (137)		199		200	39	S5	CLUTCH SHIFT	6450S	OPP	01	
	S (150)		218		190	37	S5	CLUTCH SHIFT	6450S	OPP	01	
	T (165)		239		175	34	S5	CLUTCH SHIFT	6450S	OPP	01	
6000	Forward (73)		106		150	30	S5		6450S	BOTH	01	
	Reverse (83)		121		150	30	S5		6450S	BOTH	01	

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000	A (50)		74		250		S4	GA8062	8248S	OPP	01	
	B (55)		80		250	49	S4	GA8062	8248S	OPP	01	
	C (73)		106		250	49	S4	GA8062	8248S	OPP	01	
	E (86)		126		225	44	S4	GA8062	8248S	OPP	01	
	J (95)		138		225	44	S4	GA8062	8248S	OPP	01	
	O (125)		182		200	39	S4	GA8062	8248S	OPP	01	
	R (137)		199		200	39	S4	GA8062	8248S	OPP	01	
	S (150)		218		190	37	S4	GA8062	8248S	OPP	01	
	T (165)		240		175	34	S4	GA8062	8248S	OPP	01	

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)









Spicer

TSP0145-14A

TSP0155-14HP

SPIC.45

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
3800		Z (40)		58	250	49	S4	GA8062 CLUTCH SHIFT	8248S	OPP	01	
		A (50)		73	250	49	S4	GA8062 CLUTCH SHIFT	8248S	OPP	01	
		B (55)		80	250	49	S4	GA8062 CLUTCH SHIFT	8248S	OPP	01	
		C (73)		106	250	49	S4	GA8062 CLUTCH SHIFT	8248S	OPP	01	
		E (86)		127	225	44	S4	GA8062 CLUTCH SHIFT	8248S	OPP	01	
		J (95)		139	225	44	S4	GA8062 CLUTCH SHIFT	8248S	OPP	01	
		O (125)		182	200	39	S4	GA8062 CLUTCH SHIFT	8248S	OPP	01	
		R (137)		199	200	39	S4	GA8062 CLUTCH SHIFT	8248S	OPP	01	
		S (150)		218	190	37	S4	GA8062 CLUTCH SHIFT	8248S	OPP	01	
	T (165)		239	175	34	S4	GA8062 CLUTCH SHIFT	8248S	OPP	01		
4100		B (57)		83	450	87	S4	(SP2) GA8062	8248S	OPP	01	
		C (70)		102	470	90	S4	(SP2) GA8062	8248S	OPP	01	
		E (86)		125	470	90	S4	(SP2) GA8062	8248S	OPP	01	
		J (105)		153	400	77	S4	(SP2) GA8062	8248S	OPP	01	
4250		Output 1 C (96)		140	420	80	INCL	(SP2) GA8062		OPP	01	
		Output 2 B (89)		130	420	80	INCL	(SP2) GA8062		OPP	01	
		Output 1 E (112)		164	400	76.5	INCL	(SP2) GA8062		OPP	01	
		Output 2 C (104)		151	420	80	INCL	(SP2) GA8062		OPP	01	
		Output 1 J (132)		192	380	73	INCL	(SP2) GA8062		OPP	01	
		Output 2 E (121)		176	400	76.5	INCL	(SP2) GA8062		OPP	01	
		Output 1 O (168)		245	350	67	INCL	(SP2) GA8062		OPP	01	
6800		Forward (55)		106	150	30	S4	GA8062	8248S	BOTH	01	
		Reverse (52)		121	150	30	S4	GA8062	8248S	BOTH	01	
8000		Forward (40)		60	500	95	S4	GA8062	8248S	BOTH	01	
		Reverse (50)		71	500	95	S4	GA8062	8248S	BOTH	01	
8500		B (57)		55	500	95	S4	GA8062	8248S	OPP	01	
		C (70)		73	500	95	S4	GA8062	8248S	OPP	01	
		E (86)		87	480	90	S4	GA8062	8248S	OPP	01	
		J (105)		108	450	86	S4	GA8062	8248S	OPP	01	
		O (127)		125	400	76	S4	GA8062	8248S	OPP	01	
		R (137)		137	360	68	S4	GA8062	8248S	OPP	01	
		S (150)		150	320	62	S4	GA8062	8248S	OPP	01	
	T (165)		165	280	54	S4	GA8062	8248S	OPP	01		

FOOT NOTES:

SP2: Possible internal transmission gear interference with 4100 series "J" & "O" ratios. Check before installing PTO.


////////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //






Spicer

PS86-10V(301587)

SPIC.46

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		68	250	49	INCL			OPP	01	
		C (73)		90	250	49	INCL			OPP	01	
		E (86)		108	225	44	INCL			OPP	01	
		J (95)		118	225	44	INCL			OPP	01	
		O (125)		155	200	39	INCL			OPP	01	
		R (137)		170	200	39	INCL			OPP	01	
		S (150)		186	190	37	INCL			OPP	01	
		T (165)		204	175	34	INCL			OPP	01	

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)		62	250		INCL			OPP	01	
		B (55)		68	250	49	INCL			OPP	01	
		C (73)		90	250	49	INCL			OPP	01	
		E (86)		108	225	44	INCL			OPP	01	
		J (95)		118	225	44	INCL			OPP	01	
		O (125)		155	200	39	INCL			OPP	01	
		R (137)		170	200	39	INCL			OPP	01	
		S (150)		186	190	37	INCL			OPP	01	
		T (165)		204	175	34	INCL			OPP	01	
3800		Z (40)		50	250	49	INCL	CLUTCH SHIFT		OPP	01	
		A (50)		62	250	49	INCL	CLUTCH SHIFT		OPP	01	
		B (55)		68	250	49	INCL	CLUTCH SHIFT		OPP	01	
		C (73)		90	250	49	INCL	CLUTCH SHIFT		OPP	01	
		E (86)		108	225	44	INCL	CLUTCH SHIFT		OPP	01	
		J (95)		118	225	44	INCL	CLUTCH SHIFT		OPP	01	
		O (125)		155	200	39	INCL	CLUTCH SHIFT		OPP	01	
		R (137)		169	200	39	INCL	CLUTCH SHIFT		OPP	01	
		S (150)		186	190	37	INCL	CLUTCH SHIFT		OPP	01	
		T (165)		204	175	34	INCL	CLUTCH SHIFT		OPP	01	

CONTINUES →

FOOT NOTES:

SP2: Possible internal transmission gear interference with 4100 series "J" & "O" ratios. Check before installing PTO.






For complete part numbers, consult the PTO Series section (page 25)



Spicer

PS86-10V(301587)

SPIC.46

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
4100		B (57)		71	450	87	INCL	(SP2)		OPP	01	
		C (70)		87	470	90	INCL	(SP2)		OPP	01	
		E (86)		106	470	90	INCL	(SP2)		OPP	01	
		J (105)		130	400	77	INCL	(SP2)		OPP	01	
4250		Output 1 C (96)		119	420	80	INCL	(SP2)		OPP	01	
		Output 2 B (89)		110	420	80	INCL	(SP2)		OPP	01	
		Output 1 E (112)		139	400	76.5	INCL	(SP2)		OPP	01	
		Output 2 C (104)		129	420	80	INCL	(SP2)		OPP	01	
		Output 1 J (132)		163	380	73	INCL	(SP2)		OPP	01	
		Output 2 E (121)		150	400	76.5	INCL	(SP2)		OPP	01	
		Output 1 O (168)		208	350	67	INCL	(SP2)		OPP	01	
		Output 2 J (152)		189	380	73	INCL	(SP2)		OPP	01	
6800		Forward (55)		90	150	30	INCL			BOTH	01	
		Reverse (52)		103	150	30	INCL			BOTH	01	
8000		Forward (40)		51	500	95	INCL			BOTH	01	
		Reverse (50)		61	500	95	INCL			BOTH	01	
8500		B (57)		47	500	95	INCL			OPP	01	
		C (70)		62	500	95	INCL			OPP	01	
		E (86)		74	480	90	INCL			OPP	01	
		J (105)		92	450	86	INCL			OPP	01	
		O (127)		106	400	76	INCL			OPP	01	
		R (137)		117	360	68	INCL			OPP	01	
		S (150)		128	320	62	INCL			OPP	01	
		T (165)		140	280	54	INCL			OPP	01	


For complete part numbers, consult the PTO Series section (page 25)



1010-2A(301111)
1010-4A(301112)

1020-2A(301123)
1020-4A(301124)

1410-2A(301288)(301161)

SPIC.47

6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1010		B (55)	59	75	250	49	INCL		6140S	OPP	01	
		C (73)	78	99	250	49	INCL		6140S	OPP	01	
		E (86)	93	118	225	44	INCL		6140S	OPP	01	
		J (95)	102	129	225	44	INCL		6140S	OPP	01	
		O (125)	134	170	200	39	INCL		6140S	OPP	01	
		R (137)	147	186	200	39	INCL		6140S	OPP	01	
		S (150)	161	204	190	37	INCL		6140S	OPP	01	
		T (165)	177	224	175	34	INCL		6140S	OPP	01	

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2010		A (50)	43	54			INCL		GA8032	OPP	01	
		B (55)	59	75	250	49	INCL		GA8032	OPP	01	
		C (73)	78	99	250	49	INCL		GA8032	OPP	01	
		E (86)	93	118	225	44	INCL		GA8032	OPP	01	
		J (95)	102	129	225	44	INCL		GA8032	OPP	01	
		O (125)	134	170	200	39	INCL		GA8032	OPP	01	
		R (137)	147	186	200	39	INCL		GA8032	OPP	01	
		T (165)	177	224	175	34	INCL		GA8032	OPP	01	
4110		B (57)	61	77	450	87	INCL	(SP2)	GA8032	OPP	01	
		C (70)	75	95	470	90	INCL	(SP2)	GA8032	OPP	01	
		E (86)	92	117	470	90	INCL	(SP2)	GA8032	OPP	01	
		J (105)	113	143	400	77	INCL	(SP2)	GA8032	OPP	01	

FOOT NOTES:

SP2: Possible internal transmission gear interference with 4100 series "J" & "O" ratios. Check before installing PTO.

////////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //



Spicer



AS125-9A
AS135-9A
AS140-9A
LAS115-9A(301590)




LAS125-9A(301591)
LAS135-9A(301592)
LAS140-9A
LAS145-9A(301593)

LPS125-9A(301547)
(301567)
LPS140-9A(301549)
(301569)

PS125-9A(301431)(301554)
PS140-9A(301495)(301555)
PS95-9A(301500)(301553)

SPIC.48

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		69	250	49	INCL			OPP	01	
		C (73)		92	250	49	INCL			OPP	01	
		E (86)		109	225	44	INCL			OPP	01	
		J (95)		120	225	44	INCL			OPP	01	
		O (125)		157	200	39	INCL			OPP	01	
		R (137)		172	200	39	INCL			OPP	01	
		S (150)		189	190	37	INCL			OPP	01	
	T (165)		208	175	34	INCL			OPP	01		






	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)		63	250		INCL			OPP	01	
		B (55)		69	250	49	INCL			OPP	01	
		C (73)		92	250	49	INCL			OPP	01	
		E (86)		109	225	44	INCL			OPP	01	
		J (95)		120	225	44	INCL			OPP	01	
		O (125)		157	200	39	INCL			OPP	01	
		R (137)		172	200	39	INCL			OPP	01	
		S (150)		189	190	37	INCL			OPP	01	
	T (165)		208	175	34	INCL			OPP	01		
3800		Z (40)		50	250	49	INCL	CLUTCH SHIFT		OPP	01	
		A (50)		63	250	49	INCL	CLUTCH SHIFT		OPP	01	
		B (55)		69	250	49	INCL	CLUTCH SHIFT		OPP	01	
		C (73)		92	250	49	INCL	CLUTCH SHIFT		OPP	01	
		E (86)		110	225	44	INCL	CLUTCH SHIFT		OPP	01	
		J (95)		120	225	44	INCL	CLUTCH SHIFT		OPP	01	
		O (125)		157	200	39	INCL	CLUTCH SHIFT		OPP	01	
		R (137)		172	200	39	INCL	CLUTCH SHIFT		OPP	01	
	S (150)		189	190	37	INCL	CLUTCH SHIFT		OPP	01		
	T (165)		207	175	34	INCL	CLUTCH SHIFT		OPP	01		

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)

Spicer

AS125-9A	LAS125-9A(301591)	LPS125-9A(301547)	PS125-9A(301431)(301554)	SPIC.48
AS135-9A	LAS135-9A(301592)	(301567)	PS140-9A(301495)(301555)	
AS140-9A	LAS140-9A	LPS140-9A(301549)	PS95-9A(301500)(301553)	
LAS115-9A(301590)	LAS145-9A(301593)	(301569)		

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy	
			Low	High									
← CONTINUES													
4100		B (57)		72	450	87	INCL	(SP2)			OPP	01	
		C (70)		88	470	90	INCL	(SP2)			OPP	01	
		E (86)		108	470	90	INCL	(SP2)			OPP	01	
		J (105)		132	400	77	INCL	(SP2)			OPP	01	
4250		Output 1 C (96)		121	420	80	INCL	(SP2)			OPP	01	
		Output 2 B (89)		112	420	80	INCL	(SP2)			OPP	01	
		Output 1 E (112)		142	400	76.5	INCL	(SP2)			OPP	01	
		Output 2 C (104)		131	420	80	INCL	(SP2)			OPP	01	
		Output 1 J (132)		166	380	73	INCL	(SP2)			OPP	01	
		Output 2 E (121)		152	400	76.5	INCL	(SP2)			OPP	01	
		Output 1 O (168)		212	350	67	INCL	(SP2)			OPP	01	
		Output 2 J (152)		192	380	73	INCL	(SP2)			OPP	01	
6800		Forward (55)		92	150	30	INCL				BOTH	01	
		Reverse (52)		104	150	30	INCL				BOTH	01	
8000		Forward (40)		52	500	95	INCL				BOTH	01	
		Reverse (50)		62	500	95	INCL				BOTH	01	
8500		B (57)		48	500	95	INCL				OPP	01	
		C (70)		63	500	95	INCL				OPP	01	
		E (86)		75	480	90	INCL				OPP	01	
		J (105)		93	450	86	INCL				OPP	01	
		O (127)		108	400	76	INCL				OPP	01	
		R (137)		118	360	68	INCL				OPP	01	
		S (150)		130	320	62	INCL				OPP	01	
		T (165)		143	280	54	INCL				OPP	01	

FOOT NOTES:

SP2: Possible internal transmission gear interference with 4100 series "J" & "O" ratios. Check before installing PTO.

////////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //



Spicer





1010-3A(301113)
1010-5A(301114)
1410-3A(301163)



1412-3A(301227)
1414-3A(301243)(301290)
1420-3A(301232)(301239)

1420-3B(301332)
PSO140-12B(301473)
PSO140-14A(301483)

PSO165-12B
PSO85-10LL
PSO85-14-4L

SPIC.49

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000	B (55)	65	84	250	49	S3	(SP15)	6300S	OPP	01		
	C (73)	86	112	250	49	S3	(SP15)	6300S	OPP	01		
	E (86)	102	133	225	44	S3	(SP15)	6300S	OPP	01		
	J (95)	112	146	225	44	S3	(SP15)	6300S	OPP	01		
	O (125)	148	192	200	39	S3	(SP15)	6300S	OPP	01		
	R (137)	162	210	200	39	S3	(SP15)	6300S	OPP	01		
	S (150)	177	230	190	37	S3	(SP15)	6300S	OPP	01		
T (165)	195	253	175	34	S3	(SP15)	6300S	OPP	01			
3200	Z (40)	47	61	250	49	S3	(SP15) CLUTCH SHIFT	6300S	OPP	01		
	A (50)	59	77	250	49	S3	(SP15) CLUTCH SHIFT	6300S	OPP	01		
	B (55)	65	84	250	49	S3	(SP15) CLUTCH SHIFT	6300S	OPP	01		
	C (73)	86	112	250	49	S3	(SP15) CLUTCH SHIFT	6300S	OPP	01		
	E (86)	103	134	225	44	S3	(SP15) CLUTCH SHIFT	6300S	OPP	01		
	J (95)	113	147	225	44	S3	(SP15) CLUTCH SHIFT	6300S	OPP	01		
	O (125)	148	192	200	39	S3	(SP15) CLUTCH SHIFT	6300S	OPP	01		
	R (137)	162	210	200	39	S3	(SP15) CLUTCH SHIFT	6300S	OPP	01		
S (150)	177	230	190	37	S3	(SP15) CLUTCH SHIFT	6300S	OPP	01			
T (165)	195	253	175	34	S3	(SP15) CLUTCH SHIFT	6300S	OPP	01			
6000	Forward (73)	86	112	150	30	S3	(SP15)	6300S	BOTH	01		
	Reverse (83)	98	127	150	30	S3	(SP15)	6300S	BOTH	01		

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000	A (50)	59	77	250		INCL	(SP15) GA8093	GA8062	OPP	01		
	B (55)	65	84	250	49	INCL	(SP15) GA8093	GA8062	OPP	01		
	C (73)	86	112	250	49	INCL	(SP15) GA8093	GA8062	OPP	01		
	E (86)	102	133	225	44	INCL	(SP15) GA8093	GA8062	OPP	01		
	J (95)	112	146	225	44	INCL	(SP15) GA8093	GA8062	OPP	01		
	O (125)	148	192	200	39	INCL	(SP15) GA8093	GA8062	OPP	01		
	R (137)	162	210	200	39	INCL	(SP15) GA8093	GA8062	OPP	01		
	S (150)	177	230	190	37	INCL	(SP15) GA8093	GA8062	OPP	01		
	T (165)	195	253	175	34	INCL	(SP15) GA8093	GA8062	OPP	01		

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)

Spicer








1010-3A(301113)
1010-5A(301114)
1410-3A(301163)

1412-3A(301227)
1414-3A(301243)(301290)
1420-3A(301232)(301239)

1420-3B(301332)
PSO140-12B(301473)
PSO140-14A(301483)

PSO165-12B
PSO85-10LL
PSO85-14-4L

SPIC.49

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
3800		Z (40)	47	61	250	49	INCL	(SP15) GA8093 CLUTCH SHIFT	GA8062	OPP	01	
		A (50)	59	77	250	49	INCL	(SP15) GA8093 CLUTCH SHIFT	GA8062	OPP	01	
		B (55)	65	84	250	49	INCL	(SP15) GA8093 CLUTCH SHIFT	GA8062	OPP	01	
		C (73)	86	112	250	49	INCL	(SP15) GA8093 CLUTCH SHIFT	GA8062	OPP	01	
		E (86)	103	134	225	44	INCL	(SP15) GA8093 CLUTCH SHIFT	GA8062	OPP	01	
		J (95)	113	147	225	44	INCL	(SP15) GA8093 CLUTCH SHIFT	GA8062	OPP	01	
		O (125)	148	192	200	39	INCL	(SP15) GA8093 CLUTCH SHIFT	GA8062	OPP	01	
		R (137)	162	210	200	39	INCL	(SP15) GA8093 CLUTCH SHIFT	GA8062	OPP	01	
4100		S (150)	177	230	190	37	INCL	(SP15) GA8093 CLUTCH SHIFT	GA8062	OPP	01	
		T (165)	195	253	175	34	INCL	(SP15) GA8093 CLUTCH SHIFT	GA8062	OPP	01	
		B (57)	67	87	450	87	INCL	(SP2,15) GA8093	GA8062	OPP	01	
		C (70)	82	107	470	90	INCL	(SP2,15) GA8093	GA8062	OPP	01	
4250		E (86)	102	132	470	90	INCL	(SP2,15) GA8093	GA8062	OPP	01	
		J (105)	124	161	400	77	INCL	(SP2,15) GA8093	GA8062	OPP	01	
		Output 1 C (96)	114	148	420	80	INCL	(SP2,15) GA8093		OPP	01	
		Output 2 B (89)	105	137	420	80	INCL	(SP2,15) GA8093		OPP	01	
		Output 1 E (112)	133	173	400	76.5	INCL	(SP2,15) GA8093		OPP	01	
		Output 2 C (104)	122	159	420	80	INCL	(SP2,15) GA8093		OPP	01	
		Output 1 J (132)	155	202	380	73	INCL	(SP2,15) GA8093		OPP	01	
		Output 2 E (121)	142	185	400	76.5	INCL	(SP2,15) GA8093		OPP	01	
6800		Output 1 O (168)	199	258	350	67	INCL	(SP2,15) GA8093		OPP	01	
		Output 2 J (152)	180	234	380	73	INCL	(SP2,15) GA8093		OPP	01	
8000		Forward (55)	86	112	150	30	INCL	(SP15) GA8093	GA8062	BOTH	01	
		Reverse (52)	98	127	150	30	INCL	(SP15) GA8093	GA8062	BOTH	01	
8500		Forward (40)	48	63	500	95	INCL	(SP15) GA8093	GA8062	BOTH	01	
		Reverse (50)	58	75	500	95	INCL	(SP15) GA8093	GA8062	BOTH	01	
		B (57)	45	58	500	95	INCL	(SP15) GA8093	GA8062	OPP	01	
		C (70)	59	77	500	95	INCL	(SP15) GA8093	GA8062	OPP	01	
		E (86)	71	92	480	90	INCL	(SP15) GA8093	GA8062	OPP	01	
		J (105)	88	114	450	86	INCL	(SP15) GA8093	GA8062	OPP	01	
		O (127)	102	132	400	76	INCL	(SP15) GA8093	GA8062	OPP	01	
		R (137)	111	144	360	68	INCL	(SP15) GA8093	GA8062	OPP	01	
	T (165)	134	174	280	54	INCL	(SP15) GA8093	GA8062	OPP	01		

SP2: Possible internal transmission gear interference with 4100 series "J" & "O" ratios. Check before installing PTO. **SP15:** Speeds shown with transmission in high range. Multiply speeds by .77 for low range.

For complete part numbers, consult the PTO Series section (page 25)





Spicer

ASO56-7A(301452)(301636)
ASO56-7B

ASO66-7A(301452)(301636)
ASO66-7B

ESO65-7A(301452)(301636)
ESO66-7B(301643)(301638)(301742)

SPIC.51

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1010		B (55)		47	250	49	INCL	(SP3,4)		OPP	34	
		C (73)		63	250	49	INCL	(SP3,4)		OPP	34	
		E (86)		75	225	44	INCL	(SP3,4)		OPP	34	
		J (95)		82	225	44	INCL	(SP3,4)		OPP	34	
		O (125)		108	200	39	INCL	(SP3,4)		OPP	34	
		R (137)		118	200	39	INCL	(SP3,4)		OPP	34	
		S (150)		129	190	37	INCL	(SP3,4)		OPP	34	
		T (165)		142	175	34	INCL	(SP3,4)		OPP	34	

FOOT NOTES:

- SP3:** Check for possible interference with exhaust.
- SP4:** Possible clearance issue with direct mount pump. May need to use "3" assembly arrangement.

//////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //////////////////////////////////////



AS100-10D(301612)
 AS125-10D(301613)
 AS135-10D(301614)
 AS145-10D(301615)
 LAS100-10D(301616)
 LAS125-10D(301617)




LAS135-10D(301618)
 LAS145-10D(301619)
 LLAS100-10D
 LLAS125-10D
 LLAS135-10D
 LLAS145-10D

LLPS100-10D
 LLPS125-10D
 LLPS135-10D
 LLPS145-10D(301703)
 LPS100-10D(301608)
 LPS125-10D(301609)

LPS135-10D(301610)
 LPS145-10D(301611)
 PS100-10D(301604)
 PS125-10D(301605)
 PS135-10D(301606)
 PS145-10D(301607)

SPIC.52






	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		75	250	49	INCL			OPP	01	
		C (73)		100	250	49	INCL			OPP	01	
		E (86)		119	225	44	INCL			OPP	01	
		J (95)		130	225	44	INCL			OPP	01	
		O (125)		171	200	39	INCL			OPP	01	
		R (137)		187	200	39	INCL			OPP	01	
		S (150)		205	190	37	INCL			OPP	01	
		T (165)		225	175	34	INCL			OPP	01	

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)		65	250		INCL			OPP	01	
		B (55)		75	250	49	INCL			OPP	01	
		C (73)		100	250	49	INCL			OPP	01	
		E (86)		119	225	44	INCL			OPP	01	
		J (95)		130	225	44	INCL			OPP	01	
		O (125)		171	200	39	INCL			OPP	01	
		R (137)		187	200	39	INCL			OPP	01	
		S (150)		205	190	37	INCL			OPP	01	
		T (165)		225	175	34	INCL			OPP	01	
3800		Z (40)		55	250	49	INCL	CLUTCH SHIFT		OPP	01	
		A (50)		68	250	49	INCL	CLUTCH SHIFT		OPP	01	
		B (55)		75	250	49	INCL	CLUTCH SHIFT		OPP	01	
		C (73)		100	250	49	INCL	CLUTCH SHIFT		OPP	01	
		E (86)		119	225	44	INCL	CLUTCH SHIFT		OPP	01	
		J (95)		130	225	44	INCL	CLUTCH SHIFT		OPP	01	
		O (125)		171	200	39	INCL	CLUTCH SHIFT		OPP	01	
		R (137)		187	200	39	INCL	CLUTCH SHIFT		OPP	01	
		S (150)		205	190	37	INCL	CLUTCH SHIFT		OPP	01	
	T (165)		225	175	34	INCL	CLUTCH SHIFT		OPP	01		

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)



8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
4100		B (57)		78	450	87	INCL	(SP2)		OPP	01	
		C (70)		96	470	90	INCL	(SP2)		OPP	01	
		E (86)		117	470	90	INCL	(SP2)		OPP	01	
		J (105)		143	400	77	INCL	(SP2)		OPP	01	
4250		Output 1 C (96)		131	420	80	INCL	(SP2)		OPP	01	
		Output 2 B (89)		122	420	80	INCL	(SP2)		OPP	01	
		Output 1 E (112)		153	400	76.5	INCL	(SP2)		OPP	01	
		Output 2 C (104)		142	420	80	INCL	(SP2)		OPP	01	
		Output 1 J (132)		180	380	73	INCL	(SP2)		OPP	01	
		Output 2 E (121)		165	400	76.5	INCL	(SP2)		OPP	01	
		Output 1 O (168)		230	350	67	INCL	(SP2)		OPP	01	
		Output 2 J (152)		208	380	73	INCL	(SP2)		OPP	01	
6800		Forward (55)		100	150	30	INCL			BOTH	01	
		Reverse (52)		113	150	30	INCL			BOTH	01	
8000		Forward (40)		56	500	95	INCL			BOTH	01	
		Reverse (50)		67	500	95	INCL			BOTH	01	
8500		B (57)		52	500	95	INCL			OPP	01	
		C (70)		68	500	95	INCL			OPP	01	
		E (86)		82	480	90	INCL			OPP	01	
		J (105)		101	450	86	INCL			OPP	01	
		O (127)		117	400	76	INCL			OPP	01	
		R (137)		129	360	68	INCL			OPP	01	
		S (150)		141	320	62	INCL			OPP	01	
		T (165)		155	280	54	INCL			OPP	01	




FOOT NOTES:

SP2: Possible internal transmission gear interference with 4100 series "J" & "O" ratios. Check before installing PTO.

For complete part numbers, consult the PTO Series section (page 25)

CM-6252A(301257)(301084).

SPIC.53

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		68	250	49	S3		6200S	OPP	05	
		C (73)		90	250	49	S3		6200S	OPP	05	
		E (86)		108	225	44	S3		6200S	OPP	05	
		J (95)		118	225	44	S3		6200S	OPP	05	
		O (125)		155	200	39	S3		6200S	OPP	05	
		R (137)		170	200	39	S3		6200S	OPP	05	
		S (150)		186	190	37	S3		6200S	OPP	05	
		T (165)		204	175	34	S3		6200S	OPP	05	
3200		Z (40)		50	250	49	S3	CLUTCH SHIFT	6200S	OPP	05	
		A (50)		62	250	49	S3	CLUTCH SHIFT	6200S	OPP	05	
		B (55)		68	250	49	S3	CLUTCH SHIFT	6200S	OPP	05	
		C (73)		90	250	49	S3	CLUTCH SHIFT	6200S	OPP	05	
		E (86)		108	225	44	S3	CLUTCH SHIFT	6200S	OPP	05	
		J (95)		118	225	44	S3	CLUTCH SHIFT	6200S	OPP	05	
		O (125)		155	200	39	S3	CLUTCH SHIFT	6200S	OPP	05	
		R (137)		170	200	39	S3	CLUTCH SHIFT	6200S	OPP	05	
		S (150)		186	190	37	S3	CLUTCH SHIFT	6200S	OPP	05	
		T (165)		204	175	34	S3	CLUTCH SHIFT	6200S	OPP	05	






//////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //////////////////////////////////////



Spicer

CM-6252A(301257)(301084).

SPIC.53




8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000	A (50)				250		S6	8600S	8248S	OPP	05	
	B (55)		68		250	49	S6	8600S	8248S	OPP	05	
	C (73)		90		250	49	S6	8600S	8248S	OPP	05	
	E (86)		108		225	44	S6	8600S	8248S	OPP	05	
	J (95)		118		225	44	S6	8600S	8248S	OPP	05	
	O (125)		155		200	39	S6	8600S	8248S	OPP	05	
	R (137)		170		200	39	S6	8600S	8248S	OPP	05	
	S (150)		186		190	37	S6	8600S	8248S	OPP	05	
	T (165)		204		175	34	S6	8600S	8248S	OPP	05	
3800	Z (40)		47		250	49	S6	8600S CLUTCH SHIFT	8248S	OPP	05	
	A (50)		59		250	49	S6	8600S CLUTCH SHIFT	8248S	OPP	05	
	B (55)		65		250	49	S6	8600S CLUTCH SHIFT	8248S	OPP	05	
	C (73)		86		250	49	S6	8600S CLUTCH SHIFT	8248S	OPP	05	
	E (86)		103		225	44	S6	8600S CLUTCH SHIFT	8248S	OPP	05	
	J (95)		113		225	44	S6	8600S CLUTCH SHIFT	8248S	OPP	05	
	O (125)		148		200	39	S6	8600S CLUTCH SHIFT	8248S	OPP	05	
	R (137)		162		200	39	S6	8600S CLUTCH SHIFT	8248S	OPP	05	
	S (150)		177		190	37	S6	8600S CLUTCH SHIFT	8248S	OPP	05	
T (165)		195		175	34	S6	8600S CLUTCH SHIFT	8248S	OPP	05		
6800	Forward (55)		86		150	30	S6	8600S	8248S	BOTH	05	
	Reverse (52)		98		150	30	S6	8600S	8248S	BOTH	05	
8000	Forward (40)		49		500	95	S6	8600S	8248S	BOTH	05	
	Reverse (50)		58		500	95	S6	8600S	8248S	BOTH	05	
8500	B (57)		45		500	95	S6	8600S	8248S	OPP	05	
	C (70)		59		500	95	S6	8600S	8248S	OPP	05	
	E (86)		71		480	90	S6	8600S	8248S	OPP	05	
	J (105)		88		450	86	S6	8600S	8248S	OPP	05	
	O (127)		102		400	76	S6	8600S	8248S	OPP	05	
	R (137)		111		360	68	S6	8600S	8248S	OPP	05	
	S (150)		122		320	62	S6	8600S	8248S	OPP	05	
T (165)		134		280	54	S6	8600S	8248S	OPP	05		

For complete part numbers, consult the PTO Series section (page 25)

Spicer

CM-6253A(301259)(301086)

SPIC.54

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		77	250	49	S5		6700S	OPP	05	
		C (73)		102	250	49	S5		6700S	OPP	05	
		E (86)		122	225	44	S5		6700S	OPP	05	
		J (95)		133	225	44	S5		6700S	OPP	05	
		O (125)		175	200	39	S5		6700S	OPP	05	
		R (137)		191	200	39	S5		6700S	OPP	05	
		S (150)		210	190	37	S5		6700S	OPP	05	
		T (165)		231	175	34	S5		6700S	OPP	05	
3200		Z (40)		56	250	49	S5	CLUTCH SHIFT	6700S	OPP	05	
		A (50)		70	250	49	S5	CLUTCH SHIFT	6700S	OPP	05	
		B (55)		77	250	49	S5	CLUTCH SHIFT	6700S	OPP	05	
		C (73)		102	250	49	S5	CLUTCH SHIFT	6700S	OPP	05	
		E (86)		122	225	44	S5	CLUTCH SHIFT	6700S	OPP	05	
		J (95)		134	225	44	S5	CLUTCH SHIFT	6700S	OPP	05	
		O (125)		175	200	39	S5	CLUTCH SHIFT	6700S	OPP	05	
		R (137)		191	200	39	S5	CLUTCH SHIFT	6700S	OPP	05	
		S (150)		210	190	37	S5	CLUTCH SHIFT	6700S	OPP	05	
		T (165)		230	175	34	S5	CLUTCH SHIFT	6700S	OPP	05	

For complete part numbers, consult the PTO Series section (page 25)



Spicer

CM-6253A(301259)(301086)

SPIC.54

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000	A (50)				250		S8	81005S	8165S	OPP	05	
	B (55)			77	250	49	S8	81005S	8165S	OPP	05	
	C (73)			102	250	49	S8	81005S	8165S	OPP	05	
	E (86)			122	225	44	S8	81005S	8165S	OPP	05	
	J (95)			133	225	44	S8	81005S	8165S	OPP	05	
	O (125)			175	200	39	S8	81005S	8165S	OPP	05	
	R (137)			191	200	39	S8	81005S	8165S	OPP	05	
	S (150)			210	190	37	S8	81005S	8165S	OPP	05	
	T (165)			231	175	34	S8	81005S	8165S	OPP	05	
3800	Z (40)			53	250	49	S8	81005S CLUTCH SHIFT	8165S	OPP	05	
	A (50)			67	250	49	S8	81005S CLUTCH SHIFT	8165S	OPP	05	
	B (55)			73	250	49	S8	81005S CLUTCH SHIFT	8165S	OPP	05	
	C (73)			97	250	49	S8	81005S CLUTCH SHIFT	8165S	OPP	05	
	E (86)			117	225	44	S8	81005S CLUTCH SHIFT	8165S	OPP	05	
	J (95)			128	225	44	S8	81005S CLUTCH SHIFT	8165S	OPP	05	
	O (125)			167	200	39	S8	81005S CLUTCH SHIFT	8165S	OPP	05	
	R (137)			183	200	39	S8	81005S CLUTCH SHIFT	8165S	OPP	05	
	S (150)			200	190	37	S8	81005S CLUTCH SHIFT	8165S	OPP	05	
T (165)			220	175	34	S8	81005S CLUTCH SHIFT	8165S	OPP	05		
6800	Forward (55)			97	150	30	S8	81005S	8165S	BOTH	05	
	Reverse (52)			111	150	30	S8	81005S	8165S	BOTH	05	
8000	Forward (40)			55	500	95	S8	81005S	8165S	BOTH	05	
	Reverse (50)			65	500	95	S8	81005S	8165S	BOTH	05	
8500	B (57)			50	500	95	S8	81005S	8165S	OPP	05	
	C (70)			67	500	95	S8	81005S	8165S	OPP	05	
	E (86)			80	480	90	S8	81005S	8165S	OPP	05	
	J (105)			99	450	86	S8	81005S	8165S	OPP	05	
	O (127)			115	400	76	S8	81005S	8165S	OPP	05	
	R (137)			126	360	68	S8	81005S	8165S	OPP	05	
	S (150)			138	320	62	S8	81005S	8165S	OPP	05	
T (165)			151	280	54	S8	81005S	8165S	OPP	05		

For complete part numbers, consult the PTO Series section (page 25)

TSP120-12A

SPIC.55

6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)	67	86	250	49	INCL	(SP18)	6187S	OPP	01	
		C (73)	88	114	250	49	INCL	(SP18)	6187S	OPP	01	
		E (86)	105	135	225	44	INCL	(SP18)	6187S	OPP	01	
		J (95)	115	148	225	44	INCL	(SP18)	6187S	OPP	01	
		O (125)	150	194	200	39	INCL	(SP18)	6187S	OPP	01	
		R (137)	165	213	200	39	INCL	(SP18)	6187S	OPP	01	
		S (150)	181	233	190	37	INCL	(SP18)	6187S	OPP	01	
		T (165)	199	257	175	34	INCL	(SP18)	6187S	OPP	01	
3200		Z (40)	48	62	250	49	INCL	(SP18) CLUTCH SHIFT	6187S	OPP	01	
		A (50)	60	78	250	49	INCL	(SP18) CLUTCH SHIFT	6187S	OPP	01	
		B (55)	67	86	250	49	INCL	(SP18) CLUTCH SHIFT	6187S	OPP	01	
		C (73)	88	114	250	49	INCL	(SP18) CLUTCH SHIFT	6187S	OPP	01	
		E (86)	105	136	225	44	INCL	(SP18) CLUTCH SHIFT	6187S	OPP	01	
		J (95)	115	149	225	44	INCL	(SP18) CLUTCH SHIFT	6187S	OPP	01	
		O (125)	150	194	200	39	INCL	(SP18) CLUTCH SHIFT	6187S	OPP	01	
		R (137)	165	213	200	39	INCL	(SP18) CLUTCH SHIFT	6187S	OPP	01	
		S (150)	181	233	190	37	INCL	(SP18) CLUTCH SHIFT	6187S	OPP	01	
6000		Forward (73)	88	114	150	30	INCL	(SP18)	6187S	BOTH	01	
		Reverse (83)	100	129	150	30	INCL	(SP18)	6187S	BOTH	01	

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)	50	64	250		INCL	(SP18)	GA8062	OPP	01	
		B (55)	67	86	250	49	INCL	(SP18)	GA8062	OPP	01	
		C (73)	88	114	250	49	INCL	(SP18)	GA8062	OPP	01	
		E (86)	105	135	225	44	INCL	(SP18)	GA8062	OPP	01	
		J (95)	115	148	225	44	INCL	(SP18)	GA8062	OPP	01	
		O (125)	150	194	200	39	INCL	(SP18)	GA8062	OPP	01	
		R (137)	165	213	200	39	INCL	(SP18)	GA8062	OPP	01	
		S (150)	181	233	190	37	INCL	(SP18)	GA8062	OPP	01	
		T (165)	199	257	175	34	INCL	(SP18)	GA8062	OPP	01	

CONTINUES →







For complete part numbers, consult the PTO Series section (page 25)



Spicer

TSP120-12A

SPIC.55

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
3800	Z (40)	48	62	250	49	INCL	(SP18) CLUTCH SHIFT	GA8062	OPP	01		
	A (50)	60	78	250	49	INCL	(SP18) CLUTCH SHIFT	GA8062	OPP	01		
	B (55)	67	86	250	49	INCL	(SP18) CLUTCH SHIFT	GA8062	OPP	01		
	C (73)	88	114	250	49	INCL	(SP18) CLUTCH SHIFT	GA8062	OPP	01		
	E (86)	105	136	225	44	INCL	(SP18) CLUTCH SHIFT	GA8062	OPP	01		
	J (95)	115	149	225	44	INCL	(SP18) CLUTCH SHIFT	GA8062	OPP	01		
	O (125)	150	194	200	39	INCL	(SP18) CLUTCH SHIFT	GA8062	OPP	01		
	R (137)	165	213	200	39	INCL	(SP18) CLUTCH SHIFT	GA8062	OPP	01		
	S (150)	181	233	190	37	INCL	(SP18) CLUTCH SHIFT	GA8062	OPP	01		
T (165)	198	256	175	34	INCL	(SP18) CLUTCH SHIFT	GA8062	OPP	01			
4100	B (57)	69	89	450	87	INCL	(SP2,18)	GA8062	OPP	01		
	C (70)	84	109	470	90	INCL	(SP2,18)	GA8062	OPP	01		
	E (86)	104	134	470	90	INCL	(SP2,18)	GA8062	OPP	01		
	J (105)	126	163	400	77	INCL	(SP2,18)	GA8062	OPP	01		
4250	Output 1 C (96)	116	150	420	80	INCL	(SP2,18)		OPP	01		
	Output 2 B (89)	108	139	420	80	INCL	(SP2,18)		OPP	01		
	Output 1 E (112)	136	175	400	76.5	INCL	(SP2,18)		OPP	01		
	Output 2 C (104)	126	162	420	80	INCL	(SP2,18)		OPP	01		
	Output 1 J (132)	159	205	380	73	INCL	(SP2,18)		OPP	01		
	Output 2 E (121)	146	188	400	76.5	INCL	(SP2,18)		OPP	01		
	Output 1 O (168)	203	262	350	67	INCL	(SP2,18)		OPP	01		
	Output 2 J (152)	184	237	380	73	INCL	(SP2,18)		OPP	01		
6800	Forward (55)	88	114	150	30	INCL	(SP18)	GA8062	BOTH	01		
	Reverse (52)	100	129	150	30	INCL	(SP18)	GA8062	BOTH	01		
8000	Forward (40)	50	64	500	95	INCL	(SP18)	GA8062	BOTH	01		
	Reverse (50)	59	76	500	95	INCL	(SP18)	GA8062	BOTH	01		
8500	B (57)	46	59	500	95	INCL	(SP18)	GA8062	OPP	01		
	C (70)	60	78	500	95	INCL	(SP18)	GA8062	OPP	01		
	E (86)	72	93	480	90	INCL	(SP18)	GA8062	OPP	01		
	J (105)	89	115	450	86	INCL	(SP18)	GA8062	OPP	01		
	O (127)	104	134	400	76	INCL	(SP18)	GA8062	OPP	01		
	R (137)	114	147	360	68	INCL	(SP18)	GA8062	OPP	01		
	S (150)	124	160	320	62	INCL	(SP18)	GA8062	OPP	01		
T (165)	136	176	280	54	INCL	(SP18)	GA8062	OPP	01			

FOOT NOTES:

SP2: Possible internal transmission gear interference with 4100 series "J" & "O" ratios. Check before installing PTO. **SP18:** Speeds shown with transmission in high range. Multiply speeds by .78 for low range.

For complete part numbers, consult the PTO Series section (page 25)







Spicer



1253A(301096)

1255A(301097)

1453A(301185)

SPIC.56

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		87	250	49	INCL		GA6093	OPP	01	
		C (73)		115	250	49	INCL		GA6093	OPP	01	
		E (86)		137	225	44	INCL		GA6093	OPP	01	
		J (95)		150	225	44	INCL		GA6093	OPP	01	
		O (125)		197	200	39	INCL		GA6093	OPP	01	
		R (137)		216	200	39	INCL		GA6093	OPP	01	
		S (150)		236	190	37	INCL		GA6093	OPP	01	
		T (165)		260	175	34	INCL		GA6093	OPP	01	
3200		Z (40)		63	250	49	INCL	CLUTCH SHIFT	GA6093	OPP	01	
		A (50)		79	250	49	INCL	CLUTCH SHIFT	GA6093	OPP	01	
		B (55)		87	250	49	INCL	CLUTCH SHIFT	GA6093	OPP	01	
		C (73)		115	250	49	INCL	CLUTCH SHIFT	GA6093	OPP	01	
		E (86)		138	225	44	INCL	CLUTCH SHIFT	GA6093	OPP	01	
		J (95)		151	225	44	INCL	CLUTCH SHIFT	GA6093	OPP	01	
		O (125)		197	200	39	INCL	CLUTCH SHIFT	GA6093	OPP	01	
		R (137)		216	200	39	INCL	CLUTCH SHIFT	GA6093	OPP	01	
		S (150)		236	190	37	INCL	CLUTCH SHIFT	GA6093	OPP	01	
	T (165)		260	175	34	INCL	CLUTCH SHIFT	GA6093	OPP	01		
6000		Forward (73)		115	150	30	INCL		GA6093	BOTH	01	
		Reverse (83)		131	150	30	INCL		GA6093	BOTH	01	

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)		79	250		INCL			OPP	01	
		B (55)		87	250	49	INCL			OPP	01	
		C (73)		115	250	49	INCL			OPP	01	
		E (86)		137	225	44	INCL			OPP	01	
		J (95)		150	225	44	INCL			OPP	01	
		O (125)		197	200	39	INCL			OPP	01	
		R (137)		216	200	39	INCL			OPP	01	
		S (150)		236	190	37	INCL			OPP	01	
		T (165)		260	175	34	INCL			OPP	01	

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)



Spicer

1253A(301096)

1255A(301097)

1453A(301185)

SPIC.56

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
3800		Z (40)		63	250	49	INCL	CLUTCH SHIFT		OPP	01	
		A (50)		79	250	49	INCL	CLUTCH SHIFT		OPP	01	
		B (55)		87	250	49	INCL	CLUTCH SHIFT		OPP	01	
		C (73)		115	250	49	INCL	CLUTCH SHIFT		OPP	01	
		E (86)		138	225	44	INCL	CLUTCH SHIFT		OPP	01	
		J (95)		151	225	44	INCL	CLUTCH SHIFT		OPP	01	
		O (125)		197	200	39	INCL	CLUTCH SHIFT		OPP	01	
		R (137)		216	200	39	INCL	CLUTCH SHIFT		OPP	01	
		S (150)		236	190	37	INCL	CLUTCH SHIFT		OPP	01	
	T (165)		260	175	34	INCL	CLUTCH SHIFT		OPP	01		
4100		B (57)		90	450	87	INCL	(SP2)		OPP	01	
		C (70)		110	470	90	INCL	(SP2)		OPP	01	
		E (86)		136	470	90	INCL	(SP2)		OPP	01	
		J (105)		166	400	77	INCL	(SP2)		OPP	01	
4250		Output 1 C (96)		152	420	80	INCL	(SP2)		OPP	01	
		Output 2 B (89)		141	420	80	INCL	(SP2)		OPP	01	
		Output 1 E (112)		177	400	76.5	INCL	(SP2)		OPP	01	
		Output 2 C (104)		164	420	80	INCL	(SP2)		OPP	01	
		Output 1 J (132)		208	380	73	INCL	(SP2)		OPP	01	
		Output 2 E (121)		190	400	76.5	INCL	(SP2)		OPP	01	
		Output 1 O (168)		265	350	67	INCL	(SP2)		OPP	01	
	Output 2 J (152)		240	380	73	INCL	(SP2)		OPP	01		
6800		Forward (55)		115	150	30	INCL			BOTH	01	
		Reverse (52)		131	150	30	INCL			BOTH	01	
8000		Forward (40)		65	500	95	INCL			BOTH	01	
		Reverse (50)		77	500	95	INCL			BOTH	01	
8500		B (57)		60	500	95	INCL			OPP	01	
		C (70)		79	500	95	INCL			OPP	01	
		E (86)		94	480	90	INCL			OPP	01	
		J (105)		117	450	86	INCL			OPP	01	
		O (127)		135	400	76	INCL			OPP	01	
		R (137)		148	360	68	INCL			OPP	01	
		S (150)		163	320	62	INCL			OPP	01	
	T (165)		179	280	54	INCL			OPP	01		

FOOT NOTES:

SP2: Possible internal transmission gear interference with 4100 series "J" & "O" ratios. Check before installing PTO.

////////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //






Spicer


1253B(301098)

1255B(301099)

1453B(301187)

SPIC.57

6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		94	250	49	S5		6350S	OPP	01	
		C (73)		124	250	49	S5		6350S	OPP	01	
		E (86)		148	225	44	S5		6350S	OPP	01	
		J (95)		162	225	44	S5		6350S	OPP	01	
		O (125)		213	200	39	S5		6350S	OPP	01	
		R (137)		233	200	39	S5		6350S	OPP	01	
		S (150)		255	190	37	S5		6350S	OPP	01	
		T (165)		281	175	34	S5		6350S	OPP	01	
3200		Z (40)		68	250	49	S5	CLUTCH SHIFT	6350S	OPP	01	
		A (50)		85	250	49	S5	CLUTCH SHIFT	6350S	OPP	01	
		B (55)		94	250	49	S5	CLUTCH SHIFT	6350S	OPP	01	
		C (73)		124	250	49	S5	CLUTCH SHIFT	6350S	OPP	01	
		E (86)		149	225	44	S5	CLUTCH SHIFT	6350S	OPP	01	
		J (95)		163	225	44	S5	CLUTCH SHIFT	6350S	OPP	01	
		O (125)		213	200	39	S5	CLUTCH SHIFT	6350S	OPP	01	
		R (137)		233	200	39	S5	CLUTCH SHIFT	6350S	OPP	01	
		S (150)		255	190	37	S5	CLUTCH SHIFT	6350S	OPP	01	
	T (165)		280	175	34	S5	CLUTCH SHIFT	6350S	OPP	01		
6000		Forward (73)		124	150	30	S5		6350S	BOTH	01	
		Reverse (83)		141	150	30	S5		6350S	BOTH	01	

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)		85	250		INCL	GA8032	8165S	OPP	01	
		B (55)		94	250	49	INCL	GA8032	8165S	OPP	01	
		C (73)		124	250	49	INCL	GA8032	8165S	OPP	01	
		E (86)		148	225	44	INCL	GA8032	8165S	OPP	01	
		J (95)		162	225	44	INCL	GA8032	8165S	OPP	01	
		O (125)		213	200	39	INCL	GA8032	8165S	OPP	01	
		R (137)		233	200	39	INCL	GA8032	8165S	OPP	01	
		S (150)		255	190	37	INCL	GA8032	8165S	OPP	01	
		T (165)		281	175	34	INCL	GA8032	8165S	OPP	01	

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)









Spicer

1253B(301098)

1255B(301099)

1453B(301187)

SPIC.57

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
3800		Z (40)		68	250	49	INCL	GA8032 CLUTCH SHIFT	8165S	OPP	01	
		A (50)		85	250	49	INCL	GA8032 CLUTCH SHIFT	8165S	OPP	01	
		B (55)		94	250	49	INCL	GA8032 CLUTCH SHIFT	8165S	OPP	01	
		C (73)		124	250	49	INCL	GA8032 CLUTCH SHIFT	8165S	OPP	01	
		E (86)		149	225	44	INCL	GA8032 CLUTCH SHIFT	8165S	OPP	01	
		J (95)		163	225	44	INCL	GA8032 CLUTCH SHIFT	8165S	OPP	01	
		O (125)		213	200	39	INCL	GA8032 CLUTCH SHIFT	8165S	OPP	01	
		R (137)		233	200	39	INCL	GA8032 CLUTCH SHIFT	8165S	OPP	01	
		S (150)		255	190	37	INCL	GA8032 CLUTCH SHIFT	8165S	OPP	01	
	T (165)		280	175	34	INCL	GA8032 CLUTCH SHIFT	8165S	OPP	01		
4100		B (57)		97	450	87	INCL	(SP2) GA8032	8165S	OPP	01	
		C (70)		119	470	90	INCL	(SP2) GA8032	8165S	OPP	01	
		E (86)		146	470	90	INCL	(SP2) GA8032	8165S	OPP	01	
		J (105)		179	400	77	INCL	(SP2) GA8032	8165S	OPP	01	
4250		Output 1 C (96)		163	420	80	INCL	(SP2) GA8032		OPP	01	
		Output 2 B (89)		152	420	80	INCL	(SP2) GA8032		OPP	01	
		Output 1 E (112)		191	400	76.5	INCL	(SP2) GA8032		OPP	01	
		Output 2 C (104)		177	420	80	INCL	(SP2) GA8032		OPP	01	
		Output 1 J (132)		224	380	73	INCL	(SP2) GA8032		OPP	01	
		Output 2 E (121)		205	400	76.5	INCL	(SP2) GA8032		OPP	01	
		Output 1 O (168)		286	350	67	INCL	(SP2) GA8032		OPP	01	
		Output 2 J (152)		259	380	73	INCL	(SP2) GA8032		OPP	01	
6800		Forward (55)		124	150	30	INCL	GA8032	8165S	BOTH	01	
		Reverse (52)		141	150	30	INCL	GA8032	8165S	BOTH	01	
8000		Forward (40)		70	500	95	INCL	GA8032	8165S	BOTH	01	
		Reverse (50)		83	500	95	INCL	GA8032	8165S	BOTH	01	
8500		B (57)		64	500	95	INCL	GA8032	8165S	OPP	01	
		C (70)		85	500	95	INCL	GA8032	8165S	OPP	01	
		E (86)		102	480	90	INCL	GA8032	8165S	OPP	01	
		J (105)		126	450	86	INCL	GA8032	8165S	OPP	01	
		O (127)		146	400	76	INCL	GA8032	8165S	OPP	01	
		R (137)		160	360	68	INCL	GA8032	8165S	OPP	01	
		S (150)		175	320	62	INCL	GA8032	8165S	OPP	01	
	T (165)		193	280	54	INCL	GA8032	8165S	OPP	01		

FOOT NOTES:

SP2: Possible internal transmission gear interference with 4100 series "J" & "O" ratios. Check before installing PTO.




////////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //

Spicer

6852

6853B

SPIC.59

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		39	250	49	INCL			OPP	03	
		C (73)		52	250	49	INCL			OPP	03	
		E (86)		62	225	44	INCL			OPP	03	
		J (95)		68	225	44	INCL			OPP	03	
		O (125)		89	200	39	INCL			OPP	03	
		R (137)		98	200	39	INCL			OPP	03	
		S (150)		107	190	37	INCL			OPP	03	
		T (165)		118	175	34	INCL			OPP	03	
3200		Z (40)		29	250	49	INCL	CLUTCH SHIFT		OPP	03	
		A (50)		36	250	49	INCL	CLUTCH SHIFT		OPP	03	
		B (55)		39	250	49	INCL	CLUTCH SHIFT		OPP	03	
		C (73)		52	250	49	INCL	CLUTCH SHIFT		OPP	03	
		E (86)		63	225	44	INCL	CLUTCH SHIFT		OPP	03	
		J (95)		68	225	44	INCL	CLUTCH SHIFT		OPP	03	
		O (125)		89	200	39	INCL	CLUTCH SHIFT		OPP	03	
		R (137)		98	200	39	INCL	CLUTCH SHIFT		OPP	03	
		S (150)		107	190	37	INCL	CLUTCH SHIFT		OPP	03	
		T (165)		118	175	34	INCL	CLUTCH SHIFT		OPP	03	

For complete part numbers, consult the PTO Series section (page 25)








Spicer

CM-6252B(301258)(301085)

(301417)

SPIC.60

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)			250		S4		8295S	OPP	05	
		B (55)		69	250	49	S4		8295S	OPP	05	
		C (73)		91	250	49	S4		8295S	OPP	05	
		E (86)		109	225	44	S4		8295S	OPP	05	
		J (95)		119	225	44	S4		8295S	OPP	05	
		O (125)		156	200	39	S4		8295S	OPP	05	
		R (137)		171	200	39	S4		8295S	OPP	05	
		S (150)		188	190	37	S4		8295S	OPP	05	
		T (165)		206	175	34	S4		8295S	OPP	05	
3800		Z (40)		48	250	49	S4	CLUTCH SHIFT	8295S	OPP	05	
		A (50)		60	250	49	S4	CLUTCH SHIFT	8295S	OPP	05	
		B (55)		66	250	49	S4	CLUTCH SHIFT	8295S	OPP	05	
		C (73)		87	250	49	S4	CLUTCH SHIFT	8295S	OPP	05	
		E (86)		104	225	44	S4	CLUTCH SHIFT	8295S	OPP	05	
		J (95)		114	225	44	S4	CLUTCH SHIFT	8295S	OPP	05	
		O (125)		149	200	39	S4	CLUTCH SHIFT	8295S	OPP	05	
		R (137)		163	200	39	S4	CLUTCH SHIFT	8295S	OPP	05	
		S (150)		179	190	37	S4	CLUTCH SHIFT	8295S	OPP	05	
	T (165)		197	175	34	S4	CLUTCH SHIFT	8295S	OPP	05		
6800		Forward (55)		87	150	30	S4		8295S	BOTH	05	
		Reverse (52)		99	150	30	S4		8295S	BOTH	05	
8000		Forward (40)		49	500	95	S4		8295S	BOTH	05	
		Reverse (50)		59	500	95	S4		8295S	BOTH	05	
8500		B (57)		45	500	95	S4		8295S	OPP	05	
		C (70)		60	500	95	S4		8295S	OPP	05	
		E (86)		71	480	90	S4		8295S	OPP	05	
		J (105)		89	450	86	S4		8295S	OPP	05	
		O (127)		103	400	76	S4		8295S	OPP	05	
		R (137)		112	360	68	S4		8295S	OPP	05	
		S (150)		123	320	62	S4		8295S	OPP	05	
	T (165)		135	280	54	S4		8295S	OPP	05		




For complete part numbers, consult the PTO Series section (page 25)



CM-6253B(301260)(301087)(301418)

ES72-5B(301637)

SPIC.61

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		90	250	49	S5		6800S	OPP	05	
		C (73)		120	250	49	S5		6800S	OPP	05	
		E (86)		143	225	44	S5		6800S	OPP	05	
		J (95)		156	225	44	S5		6800S	OPP	05	
		O (125)		205	200	39	S5		6800S	OPP	05	
		R (137)		225	200	39	S5		6800S	OPP	05	
		S (150)		246	190	37	S5		6800S	OPP	05	
		T (165)		271	175	34	S5		6800S	OPP	05	
3200		Z (40)		66	250	49	S5	CLUTCH SHIFT	6800S	OPP	05	
		A (50)		82	250	49	S5	CLUTCH SHIFT	6800S	OPP	05	
		B (55)		90	250	49	S5	CLUTCH SHIFT	6800S	OPP	05	
		C (73)		120	250	49	S5	CLUTCH SHIFT	6800S	OPP	05	
		E (86)		144	225	44	S5	CLUTCH SHIFT	6800S	OPP	05	
		J (95)		157	225	44	S5	CLUTCH SHIFT	6800S	OPP	05	
		O (125)		205	200	39	S5	CLUTCH SHIFT	6800S	OPP	05	
		R (137)		225	200	39	S5	CLUTCH SHIFT	6800S	OPP	05	
		S (150)		246	190	37	S5	CLUTCH SHIFT	6800S	OPP	05	
		T (165)		271	175	34	S5	CLUTCH SHIFT	6800S	OPP	05	

For complete part numbers, consult the PTO Series section (page 25)



Spicer

CM-6253B(301260)(301087)(301418)

ES72-5B(301637)

SPIC.61

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000	A (50)				250		S8	GA8093	81200S	OPP	05	
	B (55)			90	250	49	S8	GA8093	81200S	OPP	05	
	C (73)			120	250	49	S8	GA8093	81200S	OPP	05	
	E (86)			143	225	44	S8	GA8093	81200S	OPP	05	
	J (95)			156	225	44	S8	GA8093	81200S	OPP	05	
	O (125)			205	200	39	S8	GA8093	81200S	OPP	05	
	R (137)			225	200	39	S8	GA8093	81200S	OPP	05	
	S (150)			246	190	37	S8	GA8093	81200S	OPP	05	
	T (165)			271	175	34	S8	GA8093	81200S	OPP	05	
3800	Z (40)			63	250	49	S8	GA8093 CLUTCH SHIFT	81200S	OPP	05	
	A (50)			78	250	49	S8	GA8093 CLUTCH SHIFT	81200S	OPP	05	
	B (55)			86	250	49	S8	GA8093 CLUTCH SHIFT	81200S	OPP	05	
	C (73)			114	250	49	S8	GA8093 CLUTCH SHIFT	81200S	OPP	05	
	E (86)			137	225	44	S8	GA8093 CLUTCH SHIFT	81200S	OPP	05	
	J (95)			150	225	44	S8	GA8093 CLUTCH SHIFT	81200S	OPP	05	
	O (125)			196	200	39	S8	GA8093 CLUTCH SHIFT	81200S	OPP	05	
	R (137)			215	200	39	S8	GA8093 CLUTCH SHIFT	81200S	OPP	05	
	S (150)			235	190	37	S8	GA8093 CLUTCH SHIFT	81200S	OPP	05	
T (165)			258	175	34	S8	GA8093 CLUTCH SHIFT	81200S	OPP	05		
6800	Forward (55)			114	150	30	S8	GA8093	81200S	BOTH	05	
	Reverse (52)			130	150	30	S8	GA8093	81200S	BOTH	05	
8000	Forward (40)			65	500	95	S8	GA8093	81200S	BOTH	05	
	Reverse (50)			77	500	95	S8	GA8093	81200S	BOTH	05	
8500	B (57)			59	500	95	S8	GA8093	81200S	OPP	05	
	C (70)			79	500	95	S8	GA8093	81200S	OPP	05	
	E (86)			94	480	90	S8	GA8093	81200S	OPP	05	
	J (105)			116	450	86	S8	GA8093	81200S	OPP	05	
	O (127)			135	400	76	S8	GA8093	81200S	OPP	05	
	R (137)			148	360	68	S8	GA8093	81200S	OPP	05	
	S (150)			162	320	62	S8	GA8093	81200S	OPP	05	
T (165)			178	280	54	S8	GA8093	81200S	OPP	05		

For complete part numbers, consult the PTO Series section (page 25)



1010-3B(301115)

1020-3A(301125)

1020-5A(301126)

1410-3B(301165)

SPIC.62

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1010	B (55)	75	96	250	49	INCL	(SP20)	6140S	OPP	01		
	C (73)	99	127	250	49	INCL	(SP20)	6140S	OPP	01		
	E (86)	119	152	225	44	INCL	(SP20)	6140S	OPP	01		
	J (95)	130	166	225	44	INCL	(SP20)	6140S	OPP	01		
	O (125)	170	218	200	39	INCL	(SP20)	6140S	OPP	01		
	R (137)	187	239	200	39	INCL	(SP20)	6140S	OPP	01		
	S (150)	205	262	190	37	INCL	(SP20)	6140S	OPP	01		
	T (165)	225	288	175	34	INCL	(SP20)	6140S	OPP	01		

FOOT NOTES:

SP20: Speeds shown with transmission in low range. Multiply speeds by 1.28 for high range.

//////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //////////////////////////////////////





Spicer




ASO140-9A
 ASO145-9A
 ASO150-9A
 LASO115-9A(301594)
 LASO125-9A(301595)
 LASO135-9A(301597)
 LASO140-9A

LASO145-9A(301596)
 LASO150-9A
 LPS9-VPD
 LPSO125-9A(301548)(301568)
 LPSO140-9A(301550)(301570)
 LPSO150-9A(301551)(301571)
 LPSO9-VPD

PS9-VPD
 PSO125-9A(301499)(301556)
 PSO140-9A(301432)(301557)
 PSO150-9A(301496)(301558)
 PSO9-VPD

SPIC.63







	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		93	250	49	INCL	(SP5)		OPP	01	
		C (73)		123	250	49	INCL	(SP5)		OPP	01	
		E (86)		147	225	44	INCL	(SP5)		OPP	01	
		J (95)		161	225	44	INCL	(SP5)		OPP	01	
		O (125)		211	200	39	INCL	(SP5)		OPP	01	
		R (137)		231	200	39	INCL	(SP5)		OPP	01	
		S (150)		253	190	37	INCL	(SP5)		OPP	01	
		T (165)		279	175	34	INCL	(SP5)		OPP	01	

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)		84	250		INCL			OPP	01	
		B (55)		93	250	49	INCL			OPP	01	
		C (73)		123	250	49	INCL			OPP	01	
		E (86)		147	225	44	INCL			OPP	01	
		J (95)		161	225	44	INCL			OPP	01	
		O (125)		211	200	39	INCL			OPP	01	
		R (137)		231	200	39	INCL			OPP	01	
		S (150)		253	190	37	INCL			OPP	01	
		T (165)		279	175	34	INCL			OPP	01	
3800		Z (40)		68	250	49	INCL	CLUTCH SHIFT		OPP	01	
		A (50)		84	250	49	INCL	CLUTCH SHIFT		OPP	01	
		B (55)		93	250	49	INCL	CLUTCH SHIFT		OPP	01	
		C (73)		123	250	49	INCL	CLUTCH SHIFT		OPP	01	
		E (86)		148	225	44	INCL	CLUTCH SHIFT		OPP	01	
		J (95)		162	225	44	INCL	CLUTCH SHIFT		OPP	01	
		O (125)		211	200	39	INCL	CLUTCH SHIFT		OPP	01	
		R (137)		231	200	39	INCL	CLUTCH SHIFT		OPP	01	
		S (150)		253	190	37	INCL	CLUTCH SHIFT		OPP	01	
	T (165)		278	175	34	INCL	CLUTCH SHIFT		OPP	01		

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)

Spicer

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
4100		B (57)		96	450	87	INCL	(SP2)		OPP	01	
		C (70)		118	470	90	INCL	(SP2)		OPP	01	
		E (86)		145	470	90	INCL	(SP2)		OPP	01	
		J (105)		177	400	77	INCL	(SP2)		OPP	01	
4250		Output 1 C (96)		162	420	80	INCL	(SP2)		OPP	01	
		Output 2 B (89)		151	420	80	INCL	(SP2)		OPP	01	
		Output 1 E (112)		190	400	76.5	INCL	(SP2)		OPP	01	
		Output 2 C (104)		175	420	80	INCL	(SP2)		OPP	01	
		Output 1 J (132)		223	380	73	INCL	(SP2)		OPP	01	
		Output 2 E (121)		204	400	76.5	INCL	(SP2)		OPP	01	
		Output 1 O (168)		285	350	67	INCL	(SP2)		OPP	01	
		Output 2 J (152)		257	380	73	INCL	(SP2)		OPP	01	
6800		Forward (55)		123	150	30	INCL			BOTH	01	
		Reverse (52)		140	150	30	INCL			BOTH	01	
8000		Forward (40)		70	500	95	INCL			BOTH	01	
		Reverse (50)		83	500	95	INCL			BOTH	01	
8500		B (57)		64	500	95	INCL			OPP	01	
		C (70)		85	500	95	INCL			OPP	01	
		E (86)		101	480	90	INCL			OPP	01	
		J (105)		125	450	86	INCL			OPP	01	
		O (127)		145	400	76	INCL			OPP	01	
		R (137)		159	360	68	INCL			OPP	01	
		S (150)		174	320	62	INCL			OPP	01	
		T (165)		192	280	54	INCL			OPP	01	

FOOT NOTES:

- SP5:** Direct mount pumps need adapter to clear bulge on right side.
- SP2:** Possible internal transmission gear interference with 4100 series "J" & "O" ratios. Check before installing PTO.

////////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //




Spicer


ASO10-VPD
 ASO100-10S
 ASO125-10S(301541)(301579)
 ASO140-10S(301542)(301580)
 ASO150-10S(301526)(301578)
 ASO165-10S(301543)(301581)
 LASO10-VPD
 LASO125-10S(301620)
 LASO140-10S(301621)
 LASO150-10S(301622)
 LLASO125-10S
 LLASO140-10S

LLASO150-10S
 LLPSO100-10S
 LLPSO125-10S
 LLPSO140-10S(301705)
 LLPSO150-10S
 LLPSO165-10S
 LPSO10-VPD
 LPSO100-10S
 LPSO125-10S(301544)(301572)
 LPSO140-10S(301545)(301573)
 LPSO150-10S(301546)(301574)
 LPSO165-10S

PSO10-VPD
 PSO100-10S(301505)(301560)
 PSO115-10V(301588)
 PSO125-10S(301504)(301561)
 PSO125-10V(301589)
 PSO140-10S(301506)(301562)
 PSO145-10V(301582)
 PSO150-10S(301503)(301563)
 PSO150-9S(301521)
 PSO160-10S(301517)
 PSO165-10S(301523)(301564)

SPIC.64








6 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000	B (55)			96	250	49	INCL			OPP	01	
	C (73)			127	250	49	INCL			OPP	01	
	E (86)			151	225	44	INCL			OPP	01	
	J (95)			165	225	44	INCL			OPP	01	
	O (125)			217	200	39	INCL			OPP	01	
	R (137)			238	200	39	INCL			OPP	01	
	S (150)			261	190	37	INCL			OPP	01	
	T (165)			287	175	34	INCL			OPP	01	

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000	A (50)			87	250		INCL			OPP	01	
	B (55)			96	250	49	INCL			OPP	01	
	C (73)			127	250	49	INCL			OPP	01	
	E (86)			151	225	44	INCL			OPP	01	
	J (95)			165	225	44	INCL			OPP	01	
	O (125)			217	200	39	INCL			OPP	01	
	R (137)			238	200	39	INCL			OPP	01	
	S (150)			261	190	37	INCL			OPP	01	
	T (165)			287	175	34	INCL			OPP	01	

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)

Spicer

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
3800		Z (40)		70	250	49	INCL	CLUTCH SHIFT		OPP	01	
		A (50)		87	250	49	INCL	CLUTCH SHIFT		OPP	01	
		B (55)		96	250	49	INCL	CLUTCH SHIFT		OPP	01	
		C (73)		127	250	49	INCL	CLUTCH SHIFT		OPP	01	
		E (86)		152	225	44	INCL	CLUTCH SHIFT		OPP	01	
		J (95)		166	225	44	INCL	CLUTCH SHIFT		OPP	01	
		O (125)		217	200	39	INCL	CLUTCH SHIFT		OPP	01	
		R (137)		238	200	39	INCL	CLUTCH SHIFT		OPP	01	
		S (150)		261	190	37	INCL	CLUTCH SHIFT		OPP	01	
		T (165)		286	175	34	INCL	CLUTCH SHIFT		OPP	01	
4100		B (57)		99	450	87	INCL	(SP2)		OPP	01	
		C (70)		122	470	90	INCL	(SP2)		OPP	01	
		E (86)		150	470	90	INCL	(SP2)		OPP	01	
		J (105)		183	400	77	INCL	(SP2)		OPP	01	
4250		Output 1 C (96)		167	420	80	INCL	(SP2)		OPP	01	
		Output 2 B (89)		155	420	80	INCL	(SP2)		OPP	01	
		Output 1 E (112)		196	400	76.5	INCL	(SP2)		OPP	01	
		Output 2 C (104)		181	420	80	INCL	(SP2)		OPP	01	
		Output 1 J (132)		229	380	73	INCL	(SP2)		OPP	01	
		Output 2 E (121)		210	400	76.5	INCL	(SP2)		OPP	01	
		Output 1 O (168)		293	350	67	INCL	(SP2)		OPP	01	
		Output 2 J (152)		265	380	73	INCL	(SP2)		OPP	01	
6800		Forward (55)		127	150	30	INCL			BOTH	01	
		Reverse (52)		144	150	30	INCL			BOTH	01	
8000		Forward (40)		72	500	95	INCL			BOTH	01	
		Reverse (50)		85	500	95	INCL			BOTH	01	
8500		B (57)		66	500	95	INCL			OPP	01	
		C (70)		87	500	95	INCL			OPP	01	
		E (86)		104	480	90	INCL			OPP	01	
		J (105)		129	450	86	INCL			OPP	01	
		O (127)		149	400	76	INCL			OPP	01	
		R (137)		164	360	68	INCL			OPP	01	
		S (150)		179	320	62	INCL			OPP	01	
		T (165)		197	280	54	INCL			OPP	01	

FOOT NOTES:

SP2: Possible internal transmission gear interference with 4100 series "J" & "O" ratios. Check before installing PTO.

////////////////////////////////////// **For complete part numbers, consult the PTO Series section (page 25)** //





Spicer






1241-CT
1241-DT
1241C(300977.301145.301151)
1241D(300978.301146.301152)

AMO1000-4C(301474)
AMO1000-4D(301475)
APO1000-4C(301476)
APO1000-4D(301477)

ATO1000-4C
ATO1000-4D
P1241C(301053)(301395)
P1241D(301054)(301396)

SPIC.65

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		100	250	49	INCL	(SP1)	GA6093	OPP	02	
		C (73)		132	250	49	INCL	(SP1)	GA6093	OPP	02	
		E (86)		158	225	44	INCL	(SP1)	GA6093	OPP	02	
		J (95)		172	225	44	INCL	(SP1)	GA6093	OPP	02	
		O (125)		227	200	39	INCL	(SP1)	GA6093	OPP	02	
		R (137)		249	200	39	INCL	(SP1)	GA6093	OPP	02	
		S (150)		272	190	37	INCL	(SP1)	GA6093	OPP	02	
		T (165)		299	175	34	INCL	(SP1)	GA6093	OPP	02	

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)			250		INCL	(SP1)	GA8062	OPP	02	
		B (55)		100	250	49	INCL	(SP1)	GA8062	OPP	02	
		C (73)		132	250	49	INCL	(SP1)	GA8062	OPP	02	
		E (86)		158	225	44	INCL	(SP1)	GA8062	OPP	02	
		J (95)		172	225	44	INCL	(SP1)	GA8062	OPP	02	
		O (125)		227	200	39	INCL	(SP1)	GA8062	OPP	02	
		R (137)		249	200	39	INCL	(SP1)	GA8062	OPP	02	
		S (150)		272	190	37	INCL	(SP1)	GA8062	OPP	02	
6800		Forward (55)		114	150	30	INCL	(SP1)	GA8062	BOTH	02	
		Reverse (52)		130	150	30	INCL	(SP1)	GA8062	BOTH	02	
8000		Forward (40)		65	500	95	INCL	(SP1)	GA8062	BOTH	02	
		Reverse (50)		77	500	95	INCL	(SP1)	GA8062	BOTH	02	
8500		B (57)		59	500	95	INCL	(SP1)	GA8062	OPP	02	
		C (70)		79	500	95	INCL	(SP1)	GA8062	OPP	02	
		E (86)		94	480	90	INCL	(SP1)	GA8062	OPP	02	
		J (105)		116	450	86	INCL	(SP1)	GA8062	OPP	02	
		O (127)		135	400	76	INCL	(SP1)	GA8062	OPP	02	
		R (137)		148	360	68	INCL	(SP1)	GA8062	OPP	02	
		S (150)		162	320	62	INCL	(SP1)	GA8062	OPP	02	
	T (165)		178	280	54	INCL	(SP1)	GA8062	OPP	02		

FOOT NOTES:

SP1: Speeds are shown with main transmission in direct drive.

For complete part numbers, consult the PTO Series section (page 25)

ASO125-10D
ASO125-9A



ASO135-10D
ASO135-9A




PSO125-10D
PSO135-10D

PSO145-10D
PSO155-10D

PSO165-10D

SPIC.66

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000		B (55)		100	250	49	INCL			OPP	01	
		C (73)		132	250	49	INCL			OPP	01	
		E (86)		157	225	44	INCL			OPP	01	
		J (95)		172	225	44	INCL			OPP	01	
		O (125)		226	200	39	INCL			OPP	01	
		R (137)		248	200	39	INCL			OPP	01	
		S (150)		272	190	37	INCL			OPP	01	
		T (165)		299	175	34	INCL			OPP	01	

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
2000		A (50)		91	250		INCL			OPP	01	
		B (55)		100	250	49	INCL			OPP	01	
		C (73)		132	250	49	INCL			OPP	01	
		E (86)		157	225	44	INCL			OPP	01	
		J (95)		172	225	44	INCL			OPP	01	
		O (125)		226	200	39	INCL			OPP	01	
		R (137)		248	200	39	INCL			OPP	01	
		S (150)		272	190	37	INCL			OPP	01	
		T (165)		299	175	34	INCL			OPP	01	
3800		Z (40)		72	250	49	INCL	CLUTCH SHIFT		OPP	01	
		A (50)		91	250	49	INCL	CLUTCH SHIFT		OPP	01	
		B (55)		100	250	49	INCL	CLUTCH SHIFT		OPP	01	
		C (73)		132	250	49	INCL	CLUTCH SHIFT		OPP	01	
		E (86)		158	225	44	INCL	CLUTCH SHIFT		OPP	01	
		J (95)		173	225	44	INCL	CLUTCH SHIFT		OPP	01	
		O (125)		226	200	39	INCL	CLUTCH SHIFT		OPP	01	
		R (137)		248	200	39	INCL	CLUTCH SHIFT		OPP	01	
		S (150)		272	190	37	INCL	CLUTCH SHIFT		OPP	01	
	T (165)		298	175	34	INCL	CLUTCH SHIFT		OPP	01		

CONTINUES →

For complete part numbers, consult the PTO Series section (page 25)



Spicer

ASO125-10D
ASO125-9A






ASO135-10D
ASO135-9A

PSO125-10D
PSO135-10D

PSO145-10D
PSO155-10D

PSO165-10D

SPIC.66

8 Bolts	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
← CONTINUES												
4100		B (57)		103	450	87	INCL	(SP2)		OPP	01	
		C (70)		127	470	90	INCL	(SP2)		OPP	01	
		E (86)		156	470	90	INCL	(SP2)		OPP	01	
		J (105)		190	400	77	INCL	(SP2)		OPP	01	
4250		Output 1 C (96)		174	420	80	INCL	(SP2)		OPP	01	
		Output 2 B (89)		162	420	80	INCL	(SP2)		OPP	01	
		Output 1 E (112)		204	400	76.5	INCL	(SP2)		OPP	01	
		Output 2 C (104)		188	420	80	INCL	(SP2)		OPP	01	
		Output 1 J (132)		239	380	73	INCL	(SP2)		OPP	01	
		Output 2 E (121)		219	400	76.5	INCL	(SP2)		OPP	01	
		Output 1 O (168)		305	350	67	INCL	(SP2)		OPP	01	
		Output 2 J (152)		276	380	73	INCL	(SP2)		OPP	01	
6800		Forward (55)		132	150	30	INCL			BOTH	01	
		Reverse (52)		150	150	30	INCL			BOTH	01	
8000		Forward (40)		75	500	95	INCL			BOTH	01	
		Reverse (50)		89	500	95	INCL			BOTH	01	
8500		B (57)		68	500	95	INCL			OPP	01	
		C (70)		91	500	95	INCL			OPP	01	
		E (86)		108	480	90	INCL			OPP	01	
		J (105)		134	450	86	INCL			OPP	01	
		O (127)		156	400	76	INCL			OPP	01	
		R (137)		171	360	68	INCL			OPP	01	
		S (150)		187	320	62	INCL			OPP	01	
		T (165)		205	280	54	INCL			OPP	01	



FOOT NOTES:

SP2: Possible internal transmission gear interference with 4100 series "J" & "O" ratios. Check before installing PTO.

For complete part numbers, consult the PTO Series section (page 25)

AS56-7B AMT-7 ES56-7B(301739)

SPIC.69

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1010		C (73)		48	250	49	INCL	(SP3,4,13)		OPP	51	
		E (86)		58	225	44	INCL	(SP3,4,13)		OPP	51	
		J (95)		63	225	44	INCL	(SP3,4,13)		OPP	51	
		O (125)		83	200	39	INCL	(SP3,4,13)		OPP	51	
		R (137)		91	200	39	INCL	(SP3,4,13)		OPP	51	
		S (150)		100	190	37	INCL	(SP3,4,13)		OPP	51	
		T (165)		110	175	34	INCL	(SP3,4,13)		OPP	51	

FOOT NOTES:



- SP3:** Check for possible interference with exhaust.
- SP4:** Possible clearance issue with direct mount pump. May need to use "3" assembly arrangement.
- SP13:** Left Side: Direct mount pump interferes with flange on transmission at rear of PTO opening. Shaft-high assembly arrangement interferes with bulge in transmission case.

//////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //////////////////////////////////////



SR-2000

VVO.01

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1196K03	100%	65	82	609	118	INCL		L=267 110104 L=302 110304	OPP		
	1197K03	130%	85	107	361	70	INCL		L=267 110104 L=302 110304	ENG		
	1198K03	132%	86	108	310	60	INCL		L=267 110104 L=302 110304	ENG		
	11100K03	172%	112	141	332	64	INCL		L=267 110104 L=302 110304	ENG		
	11104K03	185%	120	152	413	80	INCL	BUILT-IN CLUTCH	L=267 110104 L=302 110304	ENG		
	11105K03	159%	104	131	310	60	INCL		L=265 110204 L=300 110504	ENG		
	11106k03	162%	106	133	413	80	INCL		L=265 110204 L=300 110504	ENG		
	11107KXXX		[1]: 54 [2]: 119	[1]: 69 [2]: 150	332 369	64 71	INCL	TWIN OUTPUT [1]=SHAFT 1. [2]=SHAFT 2.	L=265 110204 L=300 110504	(1)ENG/ (2)OPP		

IMPORTANT NOTE: All shown references are Base PTO Kits. For a full PTO is also required an adapter shaft kit.



R-1000 R-1400

R-1700 VT-1309

VT-1414 VT-1708

VT-2009B VT-809

VVO.02

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1196K03	100%	70		609	118	INCL		L=267 110104 L=302 110304	OPP		
	1197K03	130%	91		361	70	INCL		L=267 110104 L=302 110304	ENG		
	1198K03	132%	92		310	60	INCL		L=267 110104 L=302 110304	ENG		
	11100K03	172%	120		332	64	INCL		L=267 110104 L=302 110304	ENG		
	11104K03	185%	130		413	80	INCL	BUILT-IN CLUTCH	L=267 110104 L=302 110304	ENG		
	11105K03	159%	111	0	310	60	INCL		L=265 110204 L=300 110504	ENG		
	11106k03	162%	113	0	413	80	INCL		L=265 110204 L=300 110504	ENG		
	11107KXXX		[1]: 59 [2]: 129		332 369	64 71	INCL	TWIN OUTPUT [1]=SHAFT 1. [2]=SHAFT 2.	L=265 110204 L=300 110504	(1)ENG/ (2)OPP		

IMPORTANT NOTE: All shown references are Base PTO Kits. For a full PTO is also required an adapter shaft kit.

For complete part numbers, consult the PTO Series section (page 25)

SR-1400

SR-1700



SR-1900

VT-2014B

VT-2214B

VT-2514B

VVO.03

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1196K03	100%	70	88	609	118	INCL		L=267 110104 L=302 110304	OPP		
	1197K03	130%	91	114	361	70	INCL		L=267 110104 L=302 110304	ENG		
	1198K03	132%	92	116	310	60	INCL		L=267 110104 L=302 110304	ENG		
	11100K03	172%	120	151	332	64	INCL		L=267 110104 L=302 110304	ENG		
	11104K03	185%	130	163	413	80	INCL	BUILT-IN CLUTCH	L=267 110104 L=302 110304	ENG		
	11105K03	159%	111	139	310	60	INCL		L=265 110204 L=300 110504	ENG		
	11106k03	162%	113	142	413	80	INCL		L=265 110204 L=300 110504	ENG		
	11107KXXX		[1]: 59 [2]: 129	[1]: 74 [2]: 162	332 369	64 71	INCL	TWIN OUTPUT [1]=SHAFT 1. [2]=SHAFT 2.	L=265 110204 L=300 110504	(1)ENG/ (2)OPP		

IMPORTANT NOTE: All shown references are Base PTO Kits. For a full PTO is also required an adapter shaft kit.

AT-2412C
AT-2412D

AT-2512C
AT-2612D



AT-2612E
AT-2812C

AT-2812D
V-2412AT

V-2512AT
V-2812AT

VT-2512C
VT-2812C

VVO.04



	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1196K03	100%	70	90	609	118	INCL		L=229 116504	OPP		
	1197K03	130%	91	117	361	70	INCL		L=229 116504	ENG		
	1198K03	132%	92	119	310	60	INCL		L=229 116504	ENG		
	11100K03	172%	120	155	332	64	INCL		L=229 116504	ENG		
	11104K03	185%	130	167	413	80	INCL	BUILT-IN CLUTCH	L=229 116504	ENG		
	11105K03	159%	111	143	310	60	INCL		L=227 116704	ENG		
	11106k03	162%	113	146	413	80	INCL		L=227 116704	ENG		
	11107KXXX		[1]: 59 [2]: 129	[1]: 76 [2]: 166	332 369	64 71	INCL	TWIN OUTPUT [1]=SHAFT 1. [2]=SHAFT 2.	L=227 116704	(1)ENG/ (2)OPP		

IMPORTANT NOTE: All shown references are Base PTO Kits. For a full PTO is also required an adapter shaft kit.

For complete part numbers, consult the PTO Series section (page 25)

VT-2412B



VVO.05

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1196K03	100%	70	90	609	118	INCL		L=267 110104 L=302 110304	OPP		
	1197K03	130%	91	117	361	70	INCL		L=267 110104 L=302 110304	ENG		
	1198K03	132%	92	119	310	60	INCL		L=267 110104 L=302 110304	ENG		
	11100K03	172%	120	155	332	64	INCL		L=267 110104 L=302 110304	ENG		
	11104K03	185%	130	167	413	80	INCL	BUILT-IN CLUTCH	L=267 110104 L=302 110304	ENG		
	11105K03	159%	111	143	310	60	INCL		L=265 110204 L=300 110504	ENG		
	11106k03	162%	113	146	413	80	INCL		L=265 110204 L=300 110504	ENG		
	11107KXXX		[1]: 59 [2]: 129	[1]: 76 [2]: 166	332 369	64 71	INCL	TWIN OUTPUT [1]=SHAFT 1. [2]=SHAFT 2.	L=265 110204 L=300 110504	(1)ENG/ (2)OPP		

IMPORTANT NOTE: All shown references are Base PTO Kits. For a full PTO is also required an adapter shaft kit.

SRO-2400

VVO.06

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1196K03	100%	82	103	609	118	INCL		L=267 110104 L=302 110304	OPP		
	1197K03	130%	107	134	361	70	INCL		L=267 110104 L=302 110304	ENG		
	1198K03	132%	108	136	310	60	INCL		L=267 110104 L=302 110304	ENG		
	11100K03	172%	141	177	332	64	INCL		L=267 110104 L=302 110304	ENG		
	11104K03	185%	152	191	413	80	INCL	BUILT-IN CLUTCH	L=267 110104 L=302 110304	ENG		
	11105K03	159%	131	164	310	60	INCL		L=265 110204 L=300 110504	ENG		
	11106k03	162%	133	167	413	80	INCL		L=265 110204 L=300 110504	ENG		
	11107KXXX		[1]: 68 [2]: 150	[1]: 86 [2]: 189	332 369	64 71	INCL	TWIN OUTPUT [1]=SHAFT 1. [2]=SHAFT 2.	L=265 110204 L=300 110504	(1)ENG/ (2)OPP		



IMPORTANT NOTE: All shown references are Base PTO Kits. For a full PTO is also required an adapter shaft kit.

For complete part numbers, consult the PTO Series section (page 25)

VTO-2214B

VTO-2514B

VVO.07

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1196K03	100%	88	109	609	118	INCL		L=267 110104 L=302 110304	OPP		
	1197K03	130%	114	142	361	70	INCL		L=267 110104 L=302 110304	ENG		
	1198K03	132%	116	144	310	60	INCL		L=267 110104 L=302 110304	ENG		
	11100K03	172%	151	187	332	64	INCL		L=267 110104 L=302 110304	ENG		
	11104K03	185%	163	202	413	80	INCL	BUILT-IN CLUTCH	L=267 110104 L=302 110304	ENG		
	11105K03	159%	139	174	310	60	INCL		L=265 110204 L=300 110504	ENG		
	11106k03	162%	142	177	413	80	INCL		L=265 110204 L=300 110504	ENG		
	11107KXXX		[1]: 73 [2]: 162	[1]: 92 [2]: 201	332 369	64 71	INCL	TWIN OUTPUT [1]=SHAFT 1. [2]=SHAFT 2.	L=265 110204 L=300 110504	(1)ENG/ (2)OPP		

IMPORTANT NOTE: All shown references are Base PTO Kits. For a full PTO is also required an adapter shaft kit.



ATO-2512C
ATO-2612D

ATO-3112C
VO-2512AT

VO-3112AT
VTO-2512C

VTO-3112C

VVO.08



	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1196K03	100%	90	115	609	118	INCL		L=229 116504	OPP		
	1197K03	130%	117	150	361	70	INCL		L=229 116504	ENG		
	1198K03	132%	119	152	310	60	INCL		L=229 116504	ENG		
	11100K03	172%	155	198	332	64	INCL		L=229 116504	ENG		
	11104K03	185%	167	213	413	80	INCL	BUILT-IN CLUTCH	L=229 116504	ENG		
	11105K03	159%	143	184	310	60	INCL		L=227 116704	ENG		
	11106k03	162%	146	187	413	80	INCL		L=227 116704	ENG		
	11107KXXX		[1]: 76 [2]: 166	[1]: 97 [2]: 212	332 369	64 71	INCL	TWIN OUTPUT [1]=SHAFT 1. [2]=SHAFT 2.	L=227 116704	(1)ENG/ (2)OPP		

IMPORTANT NOTE: All shown references are Base PTO Kits. For a full PTO is also required an adapter shaft kit.

For complete part numbers, consult the PTO Series section (page 25)

DT-2412C

VVO.09

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1196K03	100%	70	88	609	118	INCL		L=229 116504	OPP		
	1197K03	130%	91	114	361	70	INCL		L=229 116504	ENG		
	1198K03	132%	92	116	310	60	INCL		L=229 116504	ENG		
	11100K03	172%	120	151	332	64	INCL		L=229 116504	ENG		
	11104K03	185%	130	163	413	80	INCL	BUILT-IN CLUTCH	L=229 116504	ENG		
	11105K03	159%	111	139	310	60	INCL		L=227 116704	ENG		
	11106k03	162%	113	142	413	80	INCL		L=227 116704	ENG		
	11107KXXX		[1]: 59 [2]: 129	[1]: 74 [2]: 161	332 369	64 71	INCL	TWIN OUTPUT [1]=SHAFT 1. [2]=SHAFT 2.	L=227 116704	(1)ENG/ (2)OPP		

IMPORTANT NOTE: All shown references are Base PTO Kits. For a full PTO is also required an adapter shaft kit.



MR-61

MR-62

R-61



R-62

VVO.10

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	110403	100%	103		229	60	INCL			ENG		

R-70

VVO.11



	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	110603	100%	111		229	60	INCL			ENG		

For complete part numbers, consult the PTO Series section (page 25)

SR-61



SR-62

VVO.12

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	110403	100%	103		229	60	INCL			ENG		

SR-70

VVO.13



	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	110603	100%	111		229	60	INCL			ENG		

R-51

R-52

SR-52

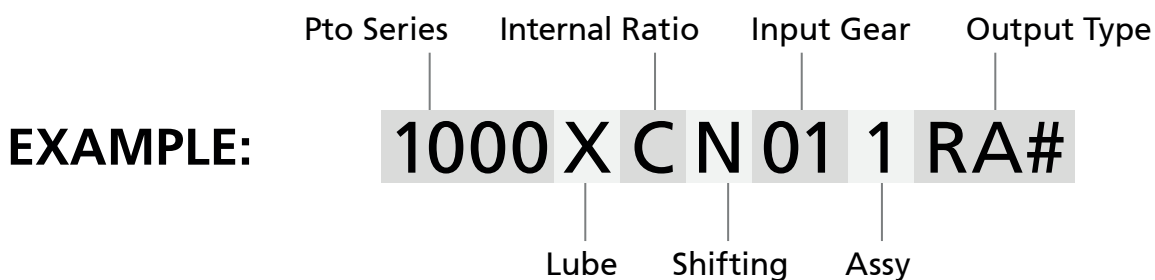
VVO.14

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	110203	100%	76		229	60	INCL			ENG		

For complete part numbers, consult the PTO Series section (page 25)

Warner Index

Transmission Model	Pag.
T-18	402
T-18A	403
T-18B	402
T-18C	403
T-19	402
T-19A	402
T-19D	403
T-98-1R	402
T-98-1V	402
T-98A	402



T-18




T-19

T-98-1R

T-98-1V

T-98A

WNR.01

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000	B (55)			36	250	49	INCL	(WNR1,2)		OPP	39	
	C (73)			47	250	49	INCL	(WNR1,2)		OPP	39	
	E (86)			56	225	44	INCL	(WNR1,2)		OPP	39	
	J (95)			61	225	44	INCL	(WNR1,2)		OPP	39	
	O (125)			81	200	39	INCL	(WNR1,2)		OPP	39	
	R (137)			89	200	39	INCL	(WNR1,2)		OPP	39	
	S (150)			97	190	37	INCL	(WNR1,2)		OPP	39	
	T (165)			107	175	34	INCL	(WNR1,2)		OPP	39	
6000	Forward (73)			47	150	30	INCL	(WNR1,2)		BOTH	39	
	Reverse (83)			54	150	30	INCL	(WNR1,2)		BOTH	39	

FOOT NOTES:



WNR1: Transmission will have only one PTO opening. It may be on the right or left side, but not both.

WNR2: Possible cross-member interference.

T-18B

T-19A

WNR.03

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1010	B (55)			46	250	49	INCL	(WNR1,2)		OPP	41	
	C (73)			61	250	49	INCL	(WNR1,2)		OPP	41	
	E (86)			73	225	44	INCL	(WNR1,2)		OPP	41	
	J (95)			80	225	44	INCL	(WNR1,2)		OPP	41	
	O (125)			105	200	39	INCL	(WNR1,2)		OPP	41	
	R (137)			115	200	39	INCL	(WNR1,2)		OPP	41	
	S (150)			126	190	37	INCL	(WNR1,2)		OPP	41	
	T (165)			139	175	34	INCL	(WNR1,2)		OPP	41	

FOOT NOTES:

WNR1: Transmission will have only one PTO opening. It may be on the right or left side, but not both.



WNR2: Possible cross-member interference.

For complete part numbers, consult the PTO Series section (page 25)



Warner

T-18A T-18C T-19D **WNR.04**

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1010		B (55)		50	250	49	INCL	(WNR1,2)		OPP	41	
		C (73)		66	250	49	INCL	(WNR1,2)		OPP	41	
		E (86)		79	225	44	INCL	(WNR1,2)		OPP	41	
		J (95)		86	225	44	INCL	(WNR1,2)		OPP	41	
		O (125)		113	200	39	INCL	(WNR1,2)		OPP	41	
		R (137)		124	200	39	INCL	(WNR1,2)		OPP	41	
		S (150)		136	190	37	INCL	(WNR1,2)		OPP	41	
		T (165)		149	175	34	INCL	(WNR1,2)		OPP	41	

FOOT NOTES:

WNR1: Transmission will have only one PTO opening. It may be on the right or left side, but not both.

WNR2: Possible cross-member interference.

//////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //////////////////////////////////////

ZF Index

Transmission Model	Pag.	Transmission Model	Pag.
4-120GP/8.05	447	12AS1420TO	448
4-120GP/9.16	443	12AS1620TO	448
4-120GP/10.91	438	12AS1630 TD/15.86-1.0	440
4-150GP/9.19	440	12AS1631 TD/15.86-1.0 IT	440
5-90GP/13	445	12AS1800/14.89-1.0 IT	433
5-90GP/13.01	445	12AS1930 TD/15.86-1.0	440
5-110GP/8.20	447	12AS1930 TO/12.33-0.78	450
5-110GP/9.72	443	12AS1931 TD/15.86-1.0 IT	440
5-110GP/11.2	447	12AS1931 TO/12.33-0.78 IT	450
5-110GP/13.1	443	12AS2130 TD/15.86-1.0	440
5-110GPA	442	12AS2130 TO/12.33-0.78	450
5-111GP/13.04	440	12AS2131 TD/15.86-1.0 IT	440
5S-270 VO	432	12AS2131 TO/12.33-0.78 IT	450
6AS700/6.02-0.79	422	12AS2140 TD/15.86-1.0	440
6AS800 TO/6.58 - 0.78	418	12AS2141 TD/15.86-1.0 IT	440
6AS1000 TO/6.75 - 0.78	418	12AS2301 TD/15.86-1.0 IT	440
6S-300	427	12AS2301 TO/12.33-0.78 IT	450
6S-350 VD	428	12AS2330 TO/12.33-0.78	450
6S-380 VO	428	12AS2331 TO/12.33-0.78 IT	450
6S-400	428	12AS2340 TD/15.86-1.0	440
6S700/6.02-0.79	422	12AS2341 TD/15.86-1.0 IT	440
6S800 TO/6.58-0.78(VOLVO ZTO 1006)	418	12AS2430 TD/15.86-1.0	440
6S850/6.72-0.79	451	12AS2431 TD/15.86-1.0 IT	440
6S850/8.51-1.0	410	12AS2530 TO/12.33-0.78	450
6S1000 TO/6.75 - 0.78	418	12AS2531 TO/12.33-0.78 IT	450
6S1200 TD/7.72 - 1.00	419	12AS2531 TO/15.86-1.0	439
6S1200 TO/6.75 - 0.83	426	12AS2540 TD/15.86-1.0	440
8S151/13.79	446	12AS2540 TO/12.29-0.78	450
8S220 TO/11.54-0.84	449	12AS2541 TO/12.29-0.78 IT	450
8S1620 TD/13.80-1.0	445	12AS2740 TO/12.29-0.78	450
8S1820 TO/11.54-0.84	449	12AS2741 TO/12.29-0.78 IT	450
9S75/9.56	443	12AS2940 TO/12.29-0.78	450
9S75/13.16	425	12AS2941 TO/12.29-0.78 IT	450
9S109/10.24	436	12S2100 TD/15.57-1.0	439
9S109/10.25	436	12S2101 TD/15.57-1.0 IT3	439
9S109/12.91	429	12S2300 TD/15.57-1.0	439
9S109/12.92	430	12S2301 TD/15.57-1.0 IT3	439
9S1110 TD/12.73	429	12S2800 TD/15.57-1.0	439
9S1110 TO/9.48-0.75 (VOLVO ZTO 1109)	447	12S2801 TD/15.57-1.0 IT3	439
9S1310 TO/9.48	447	16AS2200/15.89-1.0 IT	429
12AS1010TO	448	16AS2230 TD/17.03-1.0	433
12AS1210TO	448	16AS2231 TD/17.03-1.0 IT	433
12AS1420TD	437	16AS2601 TD/17.03-1.0 IT	433



Pto Series Internal Ratio Input Gear Output Type

EXAMPLE:

1000 X C N 01 1 RA#

Lube Shifting Assy



ZF Index

Transmission Model	Pag.	Transmission Model	Pag.
16AS2601 TO/14.12-0.83	449	16S1920 TD/16.41-1.0	433
16AS2630 TO/14.12-0.83	449	16S1921 TD/16.41-1.0 IT	433
16AS2631 TO/14.12-0.83 IT	449	16S2220 TD/16.41-1.0	433
16S109/11.86	432	16S2220 TO/13.80-0.84	445
16S109/13.30	438	16S2221 TD/16.41-1.0 IT	433
16S109/13.31	431	16S2221 TO/13.80-0.84 IT	446
16S109/13.42	438	16S2320 TD/16.41-1.0	433
16S109/13.53	437	16S2321 TD/16.41-1.0 IT	433
16S112/11.46 (TRILOBE)	441	16S2330 TD/16.41-1.0	433
16S112/13.68 (TRILOBE)	441	16S2331 TD/16.41-1.0 IT	433
16S130/11.46 (TRILOBE)	440	16S2520 TO/13.80-0.84	445
16S130/11.74 (TRILOBE)	440	16S2521 TO/13.80-0.84 IT	446
16S130/13.68 (TRILOBE)	440	16S2720 TO/13.80-0.84	445
16S130/13.80 (TRILOBE)	435	16S2720 TO/13.80-0.84 IT + WSK	446
16S130/14.14 (TRILOBE)	435	16S2721 TO/13.80-0.84 IT	446
16S130/14.29 (TRILOBE)	431	16S2730 TO/13.80-0.84	445
16S130/16.47 (TRILOBE)	435	16S2731 TO/13.80-0.84 IT	446
16S130/17.06 (TRILOBE)	431	2840.6	428
16S130/17.47 (TRILOBE)	431	S5-24/6.34	444
16S150/16.47/13.80 (TRILOBE)	436	S5-24/6.40	444
16S151/13.80IT	435	S5-30/7.31	423
16S151/13.80IT (TRILOBE)	434	S5-30/8.00	419
16S151/13.85-0.84	434	S5-30/8.50	415
16S151/13.85-0.84 (TRILOBE)	434	S5-35/5.64	426
16S151/13.85IT	435	S5-35/6.45	420
16S151/16.41IT	435	S5-35/6.75	418
16S151/16.47IT	435	S5-35/6.79	428
16S151/16.53-1.0	434	S5-35/7.65	412
16S151/16.53-1.0 (TRILOBE)	434	S5-35/8.02	411
16S151/16.53IT	435	S5-42/4.65	438
16S160/11.46 (TRILOBE)	442	S5-42/5.72	451
16S160/13.68 (TRILOBE)	442	S5-42/6.56	448
16S160/14.29 (TRILOBE)	431	S5-42/7.55	449
16S160/17.06 (TRILOBE)	431	S5-50/5.30	427
16S160A/11.74 (TRILOBE)	441	S5-50/5.50	425
16S160A/14.14 (TRILOBE)	436	S5-50/6.20	420
16S160A/17.47 (TRILOBE)	430	S5-50/6.61	416
16S181/13.80IT	435	S5-50/6.61+GV80/5.30	416
16S181/13.85-0.84	434	S5-50/8.02	410
16S181/13.85IT	435	S5-50/8.02+GV80/6.20	410
16S181/16.41IT	435	S5-90GPA	444
16S181/16.47IT	435	S6-36/6.06	423
16S181/16.53-1.0	434	S6-36/6.93-0.8	450
16S181/16.53IT	435	S6-36/7.43-0.85+GV36	414
16S190/11.46 (TRILOBE)	441	S6-36/7.43-1.0	415
16S190/13.68 (TRILOBE)	442	S6-36/8.97-0.83+GV36	409
16S190A/11.74 (TRILOBE)	442	S6-36/8.97-1.0	409
16S190A/17.47 (TRILOBE)	430	S6-65/6.37	427
16S220/13.80IT (TRILOBE)	434	S6-65/6.70, S6-80/6.7	426
16S220/13.80 (TRILOBE)	442	S6-65/7.0+GV70/7.67	408
16S220/16.47 (TRILOBE)	442	S6-65/7.40	422
16S220A/14.14 (TRILOBE)	436	S6-65/7.52	421
16S221/13.80IT	435	S6-65/7.97+GV80/6.70	418
16S221/13.80IT (TRILOBE)	434	S6-65/9.00	412
16S221/13.85-0.84	434	S6-65/9.00+GV80/6.70	413
16S221/13.85-0.84 (TRILOBE)	434	S6-65/9.00+GV80/7.52	412
16S221/13.85IT	435	S6-66/7.36-1.0	417
16S221/16.41IT	435	S6-66/9.06-1.0	409
16S221/16.47IT	435	S6-70/6.8	416
16S221/16.53-1.0	434	S6-70/6.8+GV70/5.71	417
16S221/16.53-1.0 (TRILOBE)	434	S6-70/7.36	415
16S221/16.53IT	435	S6-70/7.92	411
16S251IT	435	S6-70/9.03	408
16S1620 TD/16.41-1.0	433	S6-70/9.59	408
16S1621 TD/16.41-1.0 IT	433	S6-75/6.70+GV80/7.52	421
16S1820 TO/13.80-0.84	445	S6-80/5.03	437
16S1821 TO/13.80-0.84 IT	446	S6-80/5.66	430

Transmission Model	Pag.
S6-80/5.66+GV80/7.52	421
S6-80/6.7+GV80/5.30	426
S6-80/6.10	429
S6-80/6.90	417
S6-80/7.35	420
S6-80/7.41	422
S6-80/7.53	421
S6-80/7.67	419
S6-80/7.67+GV80/6.7	419
S6-80/7.90	450
S6-80/9.00	411
S6-80/9.00+GV80/5.30	413
S6-80/9.00+GV80/7.48	413
S6-80/9.00+GV80/7.52	412
S6-90/5.67	432
S6-90/5.74	430
S6-90/6.37	430
S6-90/6.98	425
S6-90/7.03	424
S6-90/7.03+GV90/5.67	424
S6-90/7.03+GV90/5.74	424
S6-90/7.40	423
S6-90/9.01	414
S6-90/9.01+GV90/7.40	414

S6-70/9.59



ZDF.01

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	36		609	118	INCL			OPP		
	1021903	126%	45		516	100	INCL			ENG		
	1010003	132%	48		310	60	INCL			ENG		
	1017803	172%	62		332	64	INCL			ENG		
	1026003	153%	55		310	60	INCL			ENG		

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S6-65/7.0+GV70/7.67



ZDF.02

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	36	46	609	118	INCL			OPP		
	1021903	126%	45	58	516	100	INCL			ENG		
	1010003	132%	48	61	310	60	INCL			ENG		
	1017803	172%	62	79	332	64	INCL			ENG		
	1026003	153%	55	70	310	60	INCL			ENG		

////////////////////////////////////

S6-70/9.03



ZDF.03

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	39		609	118	INCL			OPP		
	1021903	126%	49		516	100	INCL			ENG		
	1010003	132%	51		310	60	INCL			ENG		
	1017803	172%	67		332	64	INCL			ENG		
	1026003	153%	60		310	60	INCL			ENG		

//////////////////////////////////// For complete part numbers, consult the PTO Series section (page 25) //////////////////////////////////////



S6-36/8.97-0.83+GV36

ZDF.04

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1022603	100%	39	48	435	84	INCL			OPP		
	1027203	126%	49	60	435	84	INCL			ENG		
	109903	132%	51	63	310	60	INCL			ENG		
	1017903	172%	67	83	332	64	INCL			ENG		
	1026603	153%	60	73	310	60	INCL			ENG		



S6-36/8.97-1.0

ZDF.05

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1022603	100%	40		435	84	INCL			OPP		
	1027203	126%	50		435	84	INCL			ENG		
	109903	132%	53		310	60	INCL			ENG		
	1017903	172%	69		332	64	INCL			ENG		
	1026603	153%	61		310	60	INCL			ENG		

S6-66/9.06-1.0



ZDF.06

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	42		609	118	INCL			OPP		
	1021903	126%	53		516	100	INCL			ENG		
	1010003	132%	55		310	60	INCL			ENG		
	1017803	172%	72		332	64	INCL			ENG		
	1026003	153%	64		310	60	INCL			ENG		

For complete part numbers, consult the PTO Series section (page 25)

6S850/8.51-1.0



ZDF.07

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1022603	100%	42		435	84	INCL			OPP		
	1027203	126%	53		435	84	INCL			ENG		
	109903	132%	55		310	60	INCL			ENG		
	1017903	172%	72		332	64	INCL			ENG		
	1026603	153%	64		310	60	INCL			ENG		



S5-50/8.02+GV80/6.20



ZDF.08

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	42	55	609	118	INCL			OPP		
	1021903	126%	53	69	516	100	INCL			ENG		
	1010003	132%	55	73	310	60	INCL			ENG		
	1017803	172%	72	95	332	64	INCL			ENG		
	1026003	153%	64	84	310	60	INCL			ENG		



S5-50/8.02



ZDF.09

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	42		609	118	INCL			OPP		
	1021903	126%	53		516	100	INCL			ENG		
	1010003	132%	55		310	60	INCL			ENG		
	1017803	172%	72		332	64	INCL			ENG		
	1026003	153%	64		310	60	INCL			ENG		

For complete part numbers, consult the PTO Series section (page 25)



S5-35/8.02

ZDF.10

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1023203	100%	44		444	86	INCL			OPP		
	1011103	132%	58		310	60	INCL			ENG		



S6-70/7.92

ZDF.11

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	44		609	118	INCL			OPP		
	1021903	126%	55		516	100	INCL			ENG		
	1010003	132%	58		310	60	INCL			ENG		
	1017803	172%	76		332	64	INCL			ENG		
	1026003	153%	67		310	60	INCL			ENG		

S6-80/9.00



ZDF.12

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	46		609	118	INCL			OPP		
	1021903	126%	58		516	100	INCL			ENG		
	1010003	132%	61		310	60	INCL			ENG		
	1017803	172%	79		332	64	INCL			ENG		
	1026003	153%	70		310	60	INCL			ENG		

For complete part numbers, consult the PTO Series section (page 25)

S6-65/9.00



ZDF.13

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	46		609	118	INCL			OPP		
	1021903	126%	58		516	100	INCL			ENG		
	1010003	132%	61		310	60	INCL			ENG		
	1017803	172%	79		332	64	INCL			ENG		
	1026003	153%	70		310	60	INCL			ENG		



S5-35/7.65



ZDF.14

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1023203	100%	46		444	86	INCL			OPP		
	1011103	132%	61		310	60	INCL			ENG		



S6-65/9.00+GV80/7.52 S6-80/9.00+GV80/7.52



ZDF.15

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	46	55	609	118	INCL			OPP		
	1021903	126%	58	69	516	100	INCL			ENG		
	1010003	132%	61	73	310	60	INCL			ENG		
	1017803	172%	79	95	332	64	INCL			ENG		
	1026003	153%	70	84	310	60	INCL			ENG		

For complete part numbers, consult the PTO Series section (page 25)



S6-80/9.00+GV80/7.48

ZDF.16

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	46	56	609	118	INCL			OPP		
	1021903	126%	58	71	516	100	INCL			ENG		
	1010003	132%	61	74	310	60	INCL			ENG		
	1017803	172%	79	96	332	64	INCL			ENG		
	1026003	153%	70	86	310	60	INCL			ENG		



S6-65/9.00+GV80/6.70

ZDF.17

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	46	62	609	118	INCL			OPP		
	1021903	126%	58	78	516	100	INCL			ENG		
	1010003	132%	61	82	310	60	INCL			ENG		
	1017803	172%	79	107	332	64	INCL			ENG		
	1026003	153%	70	95	310	60	INCL			ENG		

S6-80/9.00+GV80/5.30



ZDF.18

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	46	79	609	118	INCL			OPP		
	1021903	126%	58	100	516	100	INCL			ENG		
	1010003	132%	61	104	310	60	INCL			ENG		
	1017803	172%	79	136	332	64	INCL			ENG		
	1026003	153%	70	121	310	60	INCL			ENG		

For complete part numbers, consult the PTO Series section (page 25)

S6-90/9.01



ZDF.19

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	47		609	118	INCL			OPP		
	1021903	126%	59		516	100	INCL			ENG		
	1010003	132%	62		310	60	INCL			ENG		
	1017803	172%	81		332	64	INCL			ENG		
	1026003	153%	72		310	60	INCL			ENG		



S6-90/9.01+GV90/7.40



ZDF.20

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	47	57	609	118	INCL			OPP		
	1021903	126%	59	72	516	100	INCL			ENG		
	1010003	132%	62	75	310	60	INCL			ENG		
	1017803	172%	81	98	332	64	INCL			ENG		
	1026003	153%	72	87	310	60	INCL			ENG		



S6-36/7.43-0.85+GV36



ZDF.21

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1022603	100%	48	56	435	84	INCL			OPP		
	1027203	126%	60	71	435	84	INCL			ENG		
	109903	132%	63	74	310	60	INCL			ENG		
	1017903	172%	83	96	332	64	INCL			ENG		
	1026603	153%	73	86	310	60	INCL			ENG		

For complete part numbers, consult the PTO Series section (page 25)



S6-70/7.36

ZDF.22

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	48		609	118	INCL			OPP		
	1021903	126%	60		516	100	INCL			ENG		
	1010003	132%	63		310	60	INCL			ENG		
	1017803	172%	83		332	64	INCL			ENG		
	1026003	153%	73		310	60	INCL			ENG		



S6-36/7.43-1.0

ZDF.23

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1022603	100%	48		435	84	INCL			OPP		
	1027203	126%	60		435	84	INCL			ENG		
	109903	132%	63		310	60	INCL			ENG		
	1017903	172%	83		332	64	INCL			ENG		
	1026603	153%	73		310	60	INCL			ENG		

S5-30/8.50



ZDF.24

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	105203	105%	50		258	50	INCL	PNEUMATIC		OPP		
	107503	105%	50		258	50	INCL	MECHANIC		OPP		

For complete part numbers, consult the PTO Series section (page 25)

S5-50/6.61



ZDF.25

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	51		609	118	INCL			OPP		
	1021903	126%	64		516	100	INCL			ENG		
	1010003	132%	67		310	60	INCL			ENG		
	1017803	172%	88		332	64	INCL			ENG		
	1026003	153%	78		310	60	INCL			ENG		



S5-50/6.61+GV80/5.30



ZDF.26

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	51	64	609	118	INCL			OPP		
	1021903	126%	64	81	516	100	INCL			ENG		
	1010003	132%	67	84	310	60	INCL			ENG		
	1017803	172%	88	110	332	64	INCL			ENG		
	1026003	153%	78	98	310	60	INCL			ENG		



S6-70/6.8



ZDF.27

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	51		609	118	INCL			OPP		
	1021903	126%	64		516	100	INCL			ENG		
	1010003	132%	67		310	60	INCL			ENG		
	1017803	172%	88		332	64	INCL			ENG		
	1026003	153%	78		310	60	INCL			ENG		

For complete part numbers, consult the PTO Series section (page 25)



S6-70/6.8+GV70/5.71

ZDF.28

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	51	61	609	118	INCL			OPP		
	1021903	126%	64	77	516	100	INCL			ENG		
	1010003	132%	67	81	310	60	INCL			ENG		
	1017803	172%	88	105	332	64	INCL			ENG		
	1026003	153%	78	93	310	60	INCL			ENG		



S6-80/6.90

ZDF.29

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	52		609	118	INCL			OPP		
	1021903	126%	66		516	100	INCL			ENG		
	1010003	132%	69		310	60	INCL			ENG		
	1017803	172%	89		332	64	INCL			ENG		
	1026003	153%	80		310	60	INCL			ENG		

S6-66/7.36-1.0



ZDF.30

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	52		609	118	INCL			OPP		
	1021903	126%	66		516	100	INCL			ENG		
	1010003	132%	69		310	60	INCL			ENG		
	1017803	172%	89		332	64	INCL			ENG		
	1026003	153%	80		310	60	INCL			ENG		

For complete part numbers, consult the PTO Series section (page 25)

S5-35/6.75



ZDF.31

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1023203	100%	52		444	86	INCL			OPP		
	1011103	132%	69		310	60	INCL			ENG		



S6-65/7.97+GV80/6.70



ZDF.32

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	52	62	609	118	INCL			OPP		
	1021903	126%	66	78	516	100	INCL			ENG		
	1010003	132%	69	82	310	60	INCL			ENG		
	1017803	172%	89	107	332	64	INCL			ENG		
	1026003	153%	80	95	310	60	INCL			ENG		



6AS1000 TO/6.75 - 0.78 6AS800 TO/6.58 - 0.78 6S1000 TO/6.75 - 0.78 6S800 TO/6.58-0.78(VOLVO ZTO 1006)



ZDF.33

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	53		609	118	INCL			OPP		
	1021903	126%	67		516	100	INCL			ENG		
	1010003	132%	70		310	60	INCL			ENG		
	1017803	172%	91		332	64	INCL			ENG		
	1026003	153%	81		310	60	INCL			ENG		

For complete part numbers, consult the PTO Series section (page 25)



S5-30/8.00

ZDF.34

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	105203	105%	53		258	50	INCL	PNEUMATIC		OPP		
	107503	105%	53		258	50	INCL	MECHANIC		OPP		



S6-80/7.67 - 1.00 S6-80/7.67

ZDF.35

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	54		609	118	INCL			OPP		
	1021903	126%	68		516	100	INCL			ENG		
	1010003	132%	71		310	60	INCL			ENG		
	1017803	172%	93		332	64	INCL			ENG		
	1026003	153%	83		310	60	INCL			ENG		

S6-80/7.67+GV80/6.7



ZDF.36

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	54	62	609	118	INCL			OPP		
	1021903	126%	68	78	516	100	INCL			ENG		
	1010003	132%	71	82	310	60	INCL			ENG		
	1017803	172%	93	107	332	64	INCL			ENG		
	1026003	153%	83	95	310	60	INCL			ENG		

For complete part numbers, consult the PTO Series section (page 25)

S5-50/6.20



ZDF.37

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	55		609	118	INCL			OPP		
	1021903	126%	69		516	100	INCL			ENG		
	1010003	132%	73		310	60	INCL			ENG		
	1017803	172%	95		332	64	INCL			ENG		
	1026003	153%	84		310	60	INCL			ENG		



S5-35/6.45



ZDF.38

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1023203	100%	55		444	86	INCL			OPP		
	1011103	132%	73		310	60	INCL			ENG		



S6-80/7.35



ZDF.39

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	55		609	118	INCL			OPP		
	1021903	126%	69		516	100	INCL			ENG		
	1010003	132%	73		310	60	INCL			ENG		
	1017803	172%	95		332	64	INCL			ENG		
	1026003	153%	84		310	60	INCL			ENG		

For complete part numbers, consult the PTO Series section (page 25)

S6-75/6.70+GV80/7.52



ZDF.40

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	55	62	609	118	INCL			OPP		
	1021903	126%	69	78	516	100	INCL			ENG		
	1010003	132%	73	82	310	60	INCL			ENG		
	1017803	172%	95	107	332	64	INCL			ENG		
	1026003	153%	84	95	310	60	INCL			ENG		

S6-65/7.52



S6-80/7.53

ZDF.41

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	56		609	118	INCL			OPP		
	1021903	126%	71		516	100	INCL			ENG		
	1010003	132%	74		310	60	INCL			ENG		
	1017803	172%	96		332	64	INCL			ENG		
	1026003	153%	86		310	60	INCL			ENG		

S6-80/5.66+GV80/7.52



ZDF.42

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	56	74	609	118	INCL			OPP		
	1021903	126%	71	93	516	100	INCL			ENG		
	1010003	132%	74	98	310	60	INCL			ENG		
	1017803	172%	96	127	332	64	INCL			ENG		
	1026003	153%	86	113	310	60	INCL			ENG		

For complete part numbers, consult the PTO Series section (page 25)

S6-65/7.40



ZDF.43

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	56		609	118	INCL			OPP		
	1021903	126%	71		516	100	INCL			ENG		
	1010003	132%	74		310	60	INCL			ENG		
	1017803	172%	96		332	64	INCL			ENG		
	1026003	153%	86		310	60	INCL			ENG		



S6-80/7.41

ZDF.44



	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	56		609	118	INCL			OPP		
	1021903	126%	71		516	100	INCL			ENG		
	1010003	132%	74		310	60	INCL			ENG		
	1017803	172%	96		332	64	INCL			ENG		
	1026003	153%	86		310	60	INCL			ENG		



6AS700/6.02-0.79

6S700/6.02-0.79



ZDF.45

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1022603	100%	57		435	84	INCL			OPP		
	1027203	126%	72		435	84	INCL			ENG		
	109903	132%	75		310	60	INCL			ENG		
	1017903	172%	98		332	64	INCL			ENG		
	1026603	153%	87		310	60	INCL			ENG		

For complete part numbers, consult the PTO Series section (page 25)



S6-90/7.40

ZDF.46

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	57		609	118	INCL			OPP		
	1021903	126%	72		516	100	INCL			ENG		
	1010003	132%	75		310	60	INCL			ENG		
	1017803	172%	98		332	64	INCL			ENG		
	1026003	153%	87		310	60	INCL			ENG		



S5-30/7.31

ZDF.47

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	105203	105%	58		258	50	INCL	PNEUMATIC		OPP		
	107503	105%	58		258	50	INCL	MECHANIC		OPP		

S6-36/6.06



ZDF.48

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1022603	100%	58		435	84	INCL			OPP		
	1027203	126%	73		435	84	INCL			ENG		
	109903	132%	77		310	60	INCL			ENG		
	1017903	172%	100		332	64	INCL			ENG		
	1026603	153%	89		310	60	INCL			ENG		

For complete part numbers, consult the PTO Series section (page 25)

S6-90/7.03+GV90/5.74



ZDF.49

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	60	74	609	118	INCL			OPP		
	1021903	126%	76	93	516	100	INCL			ENG		
	1010003	132%	79	98	310	60	INCL			ENG		
	1017803	172%	103	127	332	64	INCL			ENG		
	1026003	153%	92	113	310	60	INCL			ENG		



S6-90/7.03



ZDF.50

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	60		609	118	INCL			OPP		
	1021903	126%	76		516	100	INCL			ENG		
	1010003	132%	79		310	60	INCL			ENG		
	1017803	172%	103		332	64	INCL			ENG		
	1026003	153%	92		310	60	INCL			ENG		



S6-90/7.03+GV90/5.67



ZDF.51

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	60	75	609	118	INCL			OPP		
	1021903	126%	76	94	516	100	INCL			ENG		
	1010003	132%	79	99	310	60	INCL			ENG		
	1017803	172%	103	129	332	64	INCL			ENG		
	1026003	153%	92	115	310	60	INCL			ENG		

For complete part numbers, consult the PTO Series section (page 25)



9S75/13.16

ZDF.52

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	61		609	118	8028733		1011204	OPP		
	1021903	126%	77		516	100	8040033		1011204	ENG		
	1010003	132%	81		310	60	8011833		1011204	ENG		
	1017803	172%	105		332	64	8012633		1011204	ENG		
	1026003	153%	93		310	60	8038733		1011204	ENG		



S6-90/6.98

ZDF.53

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	61		609	118	INCL			OPP		
	1021903	126%	77		516	100	INCL			ENG		
	1010003	132%	81		310	60	INCL			ENG		
	1017803	172%	105		332	64	INCL			ENG		
	1026003	153%	93		310	60	INCL			ENG		

S5-50/5.50



ZDF.54

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	62		609	118	INCL			OPP		
	1021903	126%	78		516	100	INCL			ENG		
	1010003	132%	82		310	60	INCL			ENG		
	1017803	172%	107		332	64	INCL			ENG		
	1026003	153%	95		310	60	INCL			ENG		

For complete part numbers, consult the PTO Series section (page 25)



6S1200 TO/6.75 - 0.83 S6-65/6.70, S6-80/6.7

ZDF.55

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	62		609	118	INCL			OPP		
	1021903	126%	78		516	100	INCL			ENG		
	1010003	132%	82		310	60	INCL			ENG		
	1017803	172%	107		332	64	INCL			ENG		
	1026003	153%	95		310	60	INCL			ENG		



S6-80/6.7+GV80/5.30

ZDF.56

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	62	79	609	118	INCL			OPP		
	1021903	126%	78	100	516	100	INCL			ENG		
	1010003	132%	82	104	310	60	INCL			ENG		
	1017803	172%	107	136	332	64	INCL			ENG		
	1026003	153%	95	121	310	60	INCL			ENG		

S5-35/5.64



ZDF.57

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1023203	100%	63		444	86	INCL			OPP		
	1011103	132%	83		310	60	INCL			ENG		

For complete part numbers, consult the PTO Series section (page 25)



S6-65/6.37

ZDF.58

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	65		609	118	INCL			OPP		
	1021903	126%	82		516	100	INCL			ENG		
	1010003	132%	86		310	60	INCL			ENG		
	1017803	172%	112		332	64	INCL			ENG		
	1026003	153%	99		310	60	INCL			ENG		



S5-50/5.30

ZDF.59

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	65		609	118	INCL			OPP		
	1021903	126%	82		516	100	INCL			ENG		
	1010003	132%	86		310	60	INCL			ENG		
	1017803	172%	112		332	64	INCL			ENG		
	1026003	153%	99		310	60	INCL			ENG		

6S-300




ZDF.60

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015503	176%	118		184	36	INCL	MECHANIC		OPP		
	1018303	176%	118		184	36	INCL	PNEUMATIC		OPP		

For complete part numbers, consult the PTO Series section (page 25)

6S-350 VD




ZDF.61

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1019303		176%	118		184	36	INCL	MECHANIC		OPP		
1019403		176%	118		184	36	INCL	PNEUMATIC		OPP		



S5-35/6.79

ZDF.62

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1023203		100%	67		444	86	INCL			OPP		
1011103		132%	88		310	60	INCL			ENG		








2840.6

6S-380 VO

6S-400



ZDF.63

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1019903		182%	68		184	36	INCL	MECHANIC		OPP		
1020003		182%	68		184	36	INCL	PNEUMATIC		OPP		
1020703		182%	68		184	36	INCL	MECHANIC		OPP		
1021203		182%	68		184	36	INCL	PNEUMATIC		OPP		

For complete part numbers, consult the PTO Series section (page 25)



S6-80/6.10

ZDF.64

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	69		609	118	INCL			OPP		
	1021903	126%	87		516	100	INCL			ENG		
	1010003	132%	91		310	60	INCL			ENG		
	1017803	172%	119		332	64	INCL			ENG		
	1026003	153%	106		310	60	INCL			ENG		

16AS2200/15.89-1.0 IT



ZDF.65

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	71		609	118	8028933		1018104	OPP		
	1021903	126%	89		516	100	8039033		1018104	ENG		
	1010003	132%	94		310	60	8011933		1018104	ENG		
	1017803	172%	122		332	64	8012733		1018104	ENG		
	1026003	153%	109		310	60	8038933		1018104	ENG		

9S109/12.91

9S1110 TD/12.73



ZDF.66

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	72		609	118	8028733		1011304	OPP		
	1021903	126%	91		516	100	8040033		1011304	ENG		
	1010003	132%	95		310	60	8011833		1011304	ENG		
	1017803	172%	124		332	64	8012633		1011304	ENG		
	1026003	153%	110		310	60	8038733		1011304	ENG		

For complete part numbers, consult the PTO Series section (page 25)

9S109/12.92

ZDF.67

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	72		609	118	8028733		103604	OPP		
	1021903	126%	91		516	100	8040033		103604	ENG		
	1010003	132%	95		310	60	8011833		103604	ENG		
	1017803	172%	124		332	64	8012633		103604	ENG		
	1026003	153%	110		310	60	8038733		103604	ENG		





S6-80/5.66

S6-90/5.74

S6-90/6.37

ZDF.68



	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	74		609	118	INCL			OPP		
	1021903	126%	93		516	100	INCL			ENG		
	1010003	132%	98		310	60	INCL			ENG		
	1017803	172%	127		332	64	INCL			ENG		
	1026003	153%	113		310	60	INCL			ENG		



16S160A/17.47 (TRILOBE)

16S190A/17.47 (TRILOBE)



ZDF.69

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	74	91	609	118	INCL		1010404	OPP		
	1021903	126%	93	115	516	100	INCL		1010404	ENG		
	1010003	132%	98	120	310	60	INCL		1010404	ENG		
	1017803	172%	127	157	332	64	INCL		1010404	ENG		
	1026003	153%	113	139	310	60	INCL		1010404	ENG		



For complete part numbers, consult the PTO Series section (page 25)





16S130/14.29 (TRILOBE)
16S130/17.06 (TRILOBE)
16S130/17.47 (TRILOBE)
ZDF.70

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	74	91	609	118	INCL		103304	OPP		
	1021903	126%	93	115	516	100	INCL		103304	ENG		
	1010003	132%	98	120	310	60	INCL		103304	ENG		
	1017803	172%	127	157	332	64	INCL		103304	ENG		
	1026003	153%	113	139	310	60	INCL		103304	ENG		

16S160/14.29 (TRILOBE)
16S160/17.06 (TRILOBE)
ZDF.71

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	74	91	609	118	INCL		103404	OPP		
	1021903	126%	93	115	516	100	INCL		103404	ENG		
	1010003	132%	98	120	310	60	INCL		103404	ENG		
	1017803	172%	127	157	332	64	INCL		103404	ENG		
	1026003	153%	113	139	310	60	INCL		103404	ENG		



16S109/13.31
ZDF.72

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	75	90	609	118	8028733		1011304	OPP		
	1021903	126%	95	113	516	100	8040033		1011304	ENG		
	1010003	132%	99	119	310	60	8011833		1011304	ENG		
	1017803	172%	129	155	332	64	8012633		1011304	ENG		
	1026003	153%	115	138	310	60	8038733		1011304	ENG		

For complete part numbers, consult the PTO Series section (page 25)



S6-90/5.67

ZDF.73

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	75		609	118	INCL			OPP		
	1021903	126%	94		516	100	INCL			ENG		
	1010003	132%	99		310	60	INCL			ENG		
	1017803	172%	129		332	64	INCL			ENG		
	1026003	153%	115		310	60	INCL			ENG		



16S109/11.86

ZDF.74

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	75	88	609	118	8028733		103504	OPP		
	1021903	126%	95	111	516	100	8040033		103504	ENG		
	1010003	132%	99	116	310	60	8011833		103504	ENG		
	1017803	172%	129	151	332	64	8012633		103504	ENG		
	1026003	153%	115	135	310	60	8038733		103504	ENG		



5S-270 VO

ZDF.75



	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1019503	173%	130		125	36	INCL	MECHANIC		OPP		
	1019703	173%	130		125	36	INCL	PNEUMATIC		OPP		

For complete part numbers, consult the PTO Series section (page 25)



12AS1800/14.89-1.0 IT 16AS2230 TD/17.03-1.0 16AS2231 TD/17.03-1.0 IT 16AS2601 TD/17.03-1.0 IT **ZDF.76**

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	76		609	118	8028933		1018104	OPP		
	1021903	126%	96		516	100	8039033		1018104	ENG		
	1010003	132%	100		310	60	8011933		1018104	ENG		
	1017803	172%	131		332	64	8012733		1018104	ENG		
	1026003	153%	116		310	60	8038933		1018104	ENG		

16S1620 TD/16.41-1.0 16S2220 TD/16.41-1.0 16S2330 TD/16.41-1.0 **ZDF.77**
 16S1920 TD/16.41-1.0 16S2320 TD/16.41-1.0

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	77	91	609	118	INCL		1012704	OPP		
	1021903	126%	97	115	516	100	INCL		1012704	ENG		
	1010003	132%	102	120	310	60	INCL		1012704	ENG		
	1017803	172%	132	157	332	64	INCL		1012704	ENG		
	1026003	153%	118	139	310	60	INCL		1012704	ENG		

16S1621 TD/16.41-1.0 IT 16S2221 TD/16.41-1.0 16S2321 TD/16.41-1.0 IT **ZDF.78**
 16S1921 TD/16.41-1.0 IT IT 16S2331 TD/16.41-1.0 IT

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	77	91	609	118	8028433		1013004	OPP		
	1021903	126%	97	115	516	100	8036633		1013004	ENG		
	1010003	132%	102	120	310	60	8011633		1013004	ENG		
	1017803	172%	132	157	332	64	8013433		1013004	ENG		
	1026003	153%	118	139	310	60	8038833		1013004	ENG		



For complete part numbers, consult the PTO Series section (page 25)

16S151/13.80IT (TRILOBE)

16S220/13.80IT (TRILOBE)

16S221/13.80IT (TRILOBE)

ZDF.79

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	77	92	609	118	INCL		1010304	OPP		
	1021903	126%	97	116	516	100	INCL		1010304	ENG		
	1010003	132%	102	121	310	60	INCL		1010304	ENG		
	1017803	172%	132	158	332	64	INCL		1010304	ENG		
	1026003	153%	118	141	310	60	INCL		1010304	ENG		



16S151/13.85-0.84 (TRILOBE)

16S221/13.85-0.84 (TRILOBE)

16S151/16.53-1.0 (TRILOBE)

16S221/16.53-1.0 (TRILOBE)

ZDF.80

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	77	92	609	118	INCL		1011004	OPP		
	1021903	126%	97	116	516	100	INCL		1011004	ENG		
	1010003	132%	102	121	310	60	INCL		1011004	ENG		
	1017803	172%	132	158	332	64	INCL		1011004	ENG		
	1026003	153%	118	141	310	60	INCL		1011004	ENG		

16S151/13.85-0.84

16S181/13.85-0.84



16S221/13.85-0.84

16S151/16.53-1.0

16S181/16.53-1.0

16S221/16.53-1.0



ZDF.81

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	77	92	609	118	INCL		1012704	OPP		
	1021903	126%	97	116	516	100	INCL		1012704	ENG		
	1010003	132%	102	121	310	60	INCL		1012704	ENG		
	1017803	172%	132	158	332	64	INCL		1012704	ENG		
	1026003	153%	118	141	310	60	INCL		1012704	ENG		

For complete part numbers, consult the PTO Series section (page 25)



16S151/13.80IT **16S151/16.47IT** **16S181/13.85IT** **16S181/16.53IT** **16S221/16.41IT**
16S151/13.85IT **16S151/16.53IT** **16S181/16.41IT** **16S221/13.80IT** **16S221/16.47IT**
16S151/16.41IT **16S181/13.80IT** **16S181/16.47IT** **16S221/13.85IT** **16S221/16.53IT**

ZDF.82

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	77	92	609	118	8028433		1013004	OPP		
	1021903	126%	97	116	516	100	8036633		1013004	ENG		
	1010003	132%	102	121	310	60	8011633		1013004	ENG		
	1017803	172%	132	158	332	64	8013433		1013004	ENG		
	1026003	153%	118	141	310	60	8038833		1013004	ENG		

16S251IT

ZDF.83



	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	77	92	609	118	8028433		1014504	OPP		
	1021903	126%	97	116	516	100	8036633		1014504	ENG		
	1010003	132%	102	121	310	60	8011633		1014504	ENG		
	1017803	172%	132	158	332	64	8013433		1014504	ENG		
	1026003	153%	118	141	310	60	8038833		1014504	ENG		

16S130/13.80 (TRILOBE)

16S130/14.14 (TRILOBE)

16S130/16.47 (TRILOBE)

ZDF.84



	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	77	92	609	118	INCL		103304	OPP		
	1021903	126%	97	116	516	100	INCL		103304	ENG		
	1010003	132%	102	121	310	60	INCL		103304	ENG		
	1017803	172%	132	158	332	64	INCL		103304	ENG		
	1026003	153%	118	141	310	60	INCL		103304	ENG		

For complete part numbers, consult the PTO Series section (page 25)

9S109/10.24

9S109/10.25

ZDF.85



	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1015703		100%	77		609	118	8028733		103504	OPP		
1021903		126%	97		516	100	8040033		103504	ENG		
1010003		132%	102		310	60	8011833		103504	ENG		
1017803		172%	132		332	64	8012633		103504	ENG		
1026003		153%	118		310	60	8038733		103504	ENG		



16S160A/14.14 (TRILOBE)

16S220A/14.14 (TRILOBE)



ZDF.86

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1015703		100%	77	92	609	118	INCL		1010404	OPP		
1021903		126%	97	116	516	100	INCL		1010404	ENG		
1010003		132%	102	121	310	60	INCL		1010404	ENG		
1017803		172%	132	158	332	64	INCL		1010404	ENG		
1026003		153%	118	141	310	60	INCL		1010404	ENG		



16S150/16.47/13.80 (TRILOBE)



ZDF.87

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1015703		100%	77	92	609	118	INCL		1010904	OPP		
1021903		126%	97	116	516	100	INCL		1010904	ENG		
1010003		132%	102	121	310	60	INCL		1010904	ENG		
1017803		172%	132	158	332	64	INCL		1010904	ENG		
1026003		153%	118	141	310	60	INCL		1010904	ENG		

For complete part numbers, consult the PTO Series section (page 25)



S6-80/5.03

ZDF.88

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	78		609	118	INCL			OPP		
	1021903	126%	98		516	100	INCL			ENG		
	1010003	132%	103		310	60	INCL			ENG		
	1017803	172%	134		332	64	INCL			ENG		
	1026003	153%	119		310	60	INCL			ENG		



12AS1420TD

ZDF.89

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	79	98	609	118	8028733		1021604	OPP		
	1021903	126%	100	123	516	100	8040033		1021604	ENG		
	1010003	132%	104	129	310	60	8011833		1021604	ENG		
	1017803	172%	136	169	332	64	8012633		1021604	ENG		
	1026003	153%	121	150	310	60	8038733		1021604	ENG		

16S109/13.53

ZDF.90



	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	79	93	609	118	8028733		103504	OPP		
	1021903	126%	100	117	516	100	8040033		103504	ENG		
	1010003	132%	104	123	310	60	8011833		103504	ENG		
	1017803	172%	136	160	332	64	8012633		103504	ENG		
	1026003	153%	121	142	310	60	8038733		103504	ENG		

For complete part numbers, consult the PTO Series section (page 25)

16S109/13.30



16S109/13.42

ZDF.91

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	79	93	609	118	8028733		103604	OPP		
	1021903	126%	100	117	516	100	8040033		103604	ENG		
	1010003	132%	104	123	310	60	8011833		103604	ENG		
	1017803	172%	136	160	332	64	8012633		103604	ENG		
	1026003	153%	121	142	310	60	8038733		103604	ENG		



4-120GP/10.91

ZDF.92

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	80		609	118	INCL		102904	OPP		
	1021903	126%	101		516	100	INCL		102904	ENG		
	1010003	132%	106		310	60	INCL		102904	ENG		
	1017803	172%	138		332	64	INCL		102904	ENG		
	1026003	153%	122		310	60	INCL		102904	ENG		

S5-42/4.65



ZDF.93

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000	B (55)				250	49	INCL	ENGLAND	GA6032	OPP	52	
	C (73)			60	250	49	INCL	ENGLAND	GA6032	OPP	52	
	E (86)			71	225	44	INCL	ENGLAND	GA6032	OPP	52	
	J (95)			78	225	44	INCL	ENGLAND	GA6032	OPP	52	
	O (125)			103	200	39	INCL	ENGLAND	GA6032	OPP	52	
	R (137)			113	200	39	INCL	ENGLAND	GA6032	OPP	52	
	S (150)			124	190	37	INCL	ENGLAND	GA6032	OPP	52	
	T (165)			136	175	34	INCL	ENGLAND	GA6032	OPP	52	

For complete part numbers, consult the PTO Series section (page 25)

12S2100 TD/15.57-1.0 12S2300 TD/15.57-1.0 12S2800 TD/15.57-1.0



ZDF.94

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	81	103	609	118	INCL		1012704	OPP		
	1021903	126%	102	130	516	100	INCL		1012704	ENG		
	1010003	132%	107	136	310	60	INCL		1012704	ENG		
	1017803	172%	139	177	332	64	INCL		1012704	ENG		
	1026003	153%	124	158	310	60	INCL		1012704	ENG		

12S2101 TD/15.57-1.0 IT3 12S2301 TD/15.57-1.0 IT3



12S2801 TD/15.57-1.0 IT3

ZDF.95

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	81	103	609	118	8028433		1013004	OPP		
	1021903	126%	102	130	516	100	8036633		1013004	ENG		
	1010003	132%	107	136	310	60	8011633		1013004	ENG		
	1017803	172%	139	177	332	64	8013433		1013004	ENG		
	1026003	153%	124	158	310	60	8038833		1013004	ENG		

12AS2531 TO/15.86- 1.0

ZDF.96

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	82		609	118	8028933		1025404	OPP		
	1021903	126%	103		516	100	8039033		1025404	ENG		
	1010003	132%	108		310	60	8011933		1025404	ENG		
	1017803	172%	141		332	64	8012733		1025404	ENG		
	1026003	153%	125		310	60	8038933		1025404	ENG		



For complete part numbers, consult the PTO Series section (page 25)

12AS1630 TD/15.86-1.0
 12AS1631 TD/15.86-1.0 IT
 12AS1930 TD/15.86-1.0
 12AS1931 TD/15.86-1.0 IT
 12AS2130 TD/15.86-1.0

12AS2131 TD/15.86-1.0 IT
 12AS2140 TD/15.86-1.0
 12AS2141 TD/15.86-1.0 IT
 12AS2301 TD/15.86-1.0 IT
 12AS2340 TD/15.86-1.0

12AS2341 TD/15.86-1.0 IT
 12AS2430 TD/15.86-1.0
 12AS2431 TD/15.86-1.0 IT
 12AS2540 TD/15.86-1.0

ZDF.97



	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	82		609	118	8028933		1018104	OPP		
	1021903	126%	103		516	100	8039033		1018104	ENG		
	1010003	132%	108		310	60	8011933		1018104	ENG		
	1017803	172%	141		332	64	8012733		1018104	ENG		
	1026003	153%	125		310	60	8038933		1018104	ENG		

16S130/11.46 (TRILOBE)

16S130/11.74 (TRILOBE)

16S130/13.68 (TRILOBE)



ZDF.98

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	82	97	609	118	INCL		103304	OPP		
	1021903	126%	103	122	516	100	INCL		103304	ENG		
	1010003	132%	108	128	310	60	INCL		103304	ENG		
	1017803	172%	141	167	332	64	INCL		103304	ENG		
	1026003	153%	125	148	310	60	INCL		103304	ENG		

4-150GP/9.19

5-111GP/13.04



ZDF.99

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	82		609	118	INCL		103004	OPP		
	1021903	126%	103		516	100	INCL		103004	ENG		
	1010003	132%	108		310	60	INCL		103004	ENG		
	1017803	172%	141		332	64	INCL		103004	ENG		
	1026003	153%	125		310	60	INCL		103004	ENG		

For complete part numbers, consult the PTO Series section (page 25)



16S190/11.46 (TRILOBE)

ZDF.100

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	82	96	609	118	INCL		103404	OPP		
	1021903	126%	103	121	516	100	INCL		103404	ENG		
	1010003	132%	108	127	310	60	INCL		103404	ENG		
	1017803	172%	141	165	332	64	INCL		103404	ENG		
	1026003	153%	125	147	310	60	INCL		103404	ENG		

16S160A/11.74 (TRILOBE)



ZDF.101

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	82	96	609	118	INCL		1010404	OPP		
	1021903	126%	103	121	516	100	INCL		1010404	ENG		
	1010003	132%	108	127	310	60	INCL		1010404	ENG		
	1017803	172%	141	165	332	64	INCL		1010404	ENG		
	1026003	153%	125	147	310	60	INCL		1010404	ENG		

16S112/11.46 (TRILOBE)

16S112/13.68 (TRILOBE)

ZDF.102

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	82	96	609	118	INCL		103204	OPP		
	1021903	126%	103	121	516	100	INCL		103204	ENG		
	1010003	132%	108	127	310	60	INCL		103204	ENG		
	1017803	172%	141	165	332	64	INCL		103204	ENG		
	1026003	153%	125	147	310	60	INCL		103204	ENG		



For complete part numbers, consult the PTO Series section (page 25)

16S160/11.46 (TRILOBE)
16S160/13.68 (TRILOBE)

16S190/13.68 (TRILOBE)
16S220/13.80 (TRILOBE)



16S220/16.47 (TRILOBE)

ZDF.103

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	82	96	609	118	INCL		103404	OPP		
	1021903	126%	103	121	516	100	INCL		103404	ENG		
	1010003	132%	108	127	310	60	INCL		103404	ENG		
	1017803	172%	141	165	332	64	INCL		103404	ENG		
	1026003	153%	125	147	310	60	INCL		103404	ENG		



16S190A/11.74 (TRILOBE)

ZDF.104

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	82	97	609	118	INCL		1010404	OPP		
	1021903	126%	103	122	516	100	INCL		1010404	ENG		
	1010003	132%	108	128	310	60	INCL		1010404	ENG		
	1017803	172%	141	167	332	64	INCL		1010404	ENG		
	1026003	153%	125	148	310	60	INCL		1010404	ENG		

5-110GPA

ZDF.105



	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	83		609	118	INCL		103104	OPP		
	1021903	126%	105		516	100	INCL		103104	ENG		
	1010003	132%	110		310	60	INCL		103104	ENG		
	1017803	172%	143		332	64	INCL		103104	ENG		
	1026003	153%	127		310	60	INCL		103104	ENG		

For complete part numbers, consult the PTO Series section (page 25)

5-110GP/13.1



5-110GP/9.72

ZDF.106

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	83		609	118	INCL		103004	OPP		
	1021903	126%	105		516	100	INCL		103004	ENG		
	1010003	132%	110		310	60	INCL		103004	ENG		
	1017803	172%	143		332	64	INCL		103004	ENG		
	1026003	153%	127		310	60	INCL		103004	ENG		



9S75/9.56

ZDF.107

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	85		609	118	8028733		1011204	OPP		
	1021903	126%	107		516	100	8040033		1011204	ENG		
	1010003	132%	112		310	60	8011833		1011204	ENG		
	1017803	172%	146		332	64	8012633		1011204	ENG		
	1026003	153%	130		310	60	8038733		1011204	ENG		

4-120GP/9.16



ZDF.108

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	85		609	118	INCL		102904	OPP		
	1021903	126%	107		516	100	INCL		102904	ENG		
	1010003	132%	112		310	60	INCL		102904	ENG		
	1017803	172%	146		332	64	INCL		102904	ENG		
	1026003	153%	130		310	60	INCL		102904	ENG		

For complete part numbers, consult the PTO Series section (page 25)

S5-24/6.40



ZDF.109

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	105003	105%	90		258	50	INCL	PNEUMATIC		OPP		
	106903	105%	90		258	50	INCL	MECHANIC		OPP		



S5-24/6.34



ZDF.110

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	105003	105%	90		258	50	INCL	PNEUMATIC		OPP		
	106903	105%	90		258	50	INCL	MECHANIC		OPP		



S5-90GPA

ZDF.111



	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	89		609	118	INCL			OPP		
	1021903	126%	112		516	100	INCL			ENG		
	1010003	132%	117		310	60	INCL			ENG		
	1017803	172%	153		332	64	INCL			ENG		
	1026003	153%	136		310	60	INCL			ENG		

For complete part numbers, consult the PTO Series section (page 25)

5-90GP/13



5-90GP/13.01

ZDF.112

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	89		609	118	INCL		102904	OPP		
	1021903	126%	112		516	100	INCL		102904	ENG		
	1010003	132%	117		310	60	INCL		102904	ENG		
	1017803	172%	153		332	64	INCL		102904	ENG		
	1026003	153%	136		310	60	INCL		102904	ENG		

8S1620 TD/13.80-1.0

ZDF.113



	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	91		609	118	INCL		1012704	OPP		
	1021903	126%	115		516	100	INCL		1012704	ENG		
	1010003	132%	120		310	60	INCL		1012704	ENG		
	1017803	172%	157		332	64	INCL		1012704	ENG		
	1026003	153%	139		310	60	INCL		1012704	ENG		

16S1820 TO/13.80-0.84
16S2220 TO/13.80-0.84

16S2520 TO/13.80-0.84
16S2720 TO/13.80-0.84

16S2730 TO/13.80-0.84

ZDF.114

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	91	109	609	118	INCL		1012704	OPP		
	1021903	126%	115	137	516	100	INCL		1012704	ENG		
	1010003	132%	120	144	310	60	INCL		1012704	ENG		
	1017803	172%	157	187	332	64	INCL		1012704	ENG		
	1026003	153%	139	167	310	60	INCL		1012704	ENG		



For complete part numbers, consult the PTO Series section (page 25)

16S1821 TO/13.80-0.84 IT
16S2221 TO/13.80-0.84 IT

16S2521 TO/13.80-0.84 IT
16S2721 TO/13.80-0.84 IT



16S2731 TO/13.80-0.84 IT

ZDF.115

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	91	109	609	118	8028433		1013004	OPP		
	1021903	126%	115	137	516	100	8036633		1013004	ENG		
	1010003	132%	120	144	310	60	8011633		1013004	ENG		
	1017803	172%	157	187	332	64	8013433		1013004	ENG		
	1026003	153%	139	167	310	60	8038833		1013004	ENG		



16S2720 TO/13.80-0.84 IT + WSK

ZDF.116

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	91	109	609	118	8028433		1014504	OPP		
	1021903	126%	115	137	516	100	8036633		1014504	ENG		
	1010003	132%	120	144	310	60	8011633		1014504	ENG		
	1017803	172%	157	187	332	64	8013433		1014504	ENG		
	1026003	153%	139	167	310	60	8038833		1014504	ENG		

8S151/13.79

ZDF.117



	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	92		609	118	INCL		1012704	OPP		
	1021903	126%	116		516	100	INCL		1012704	ENG		
	1010003	132%	121		310	60	INCL		1012704	ENG		
	1017803	172%	158		332	64	INCL		1012704	ENG		
	1026003	153%	141		310	60	INCL		1012704	ENG		

For complete part numbers, consult the PTO Series section (page 25)

9S1110 TO/9.48-0.75 (VOLVO ZTO 1109)



9S1310 TO/9.48

ZDF.118

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	97		609	118	8028733		1011304	OPP		
	1021903	126%	122		516	100	8040033		1011304	ENG		
	1010003	132%	128		310	60	8011833		1011304	ENG		
	1017803	172%	167		332	64	8012633		1011304	ENG		
	1026003	153%	148		310	60	8038733		1011304	ENG		

4-120GP/8.05



ZDF.119

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	97		609	118	INCL		102904	OPP		
	1021903	126%	122		516	100	INCL		102904	ENG		
	1010003	132%	128		310	60	INCL		102904	ENG		
	1017803	172%	167		332	64	INCL		102904	ENG		
	1026003	153%	148		310	60	INCL		102904	ENG		

5-110GP/11.2

5-110GP/8.20

ZDF.120



	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	98		609	118	INCL		103004	OPP		
	1021903	126%	123		516	100	INCL		103004	ENG		
	1010003	132%	129		310	60	INCL		103004	ENG		
	1017803	172%	169		332	64	INCL		103004	ENG		
	1026003	153%	150		310	60	INCL		103004	ENG		

For complete part numbers, consult the PTO Series section (page 25)

12AS1010TO

12AS1210TO

ZDF.121



	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	98	120	609	118	8028733		1020804	OPP		
	1021903	126%	123	151	516	100	8040033		1020804	ENG		
	1010003	132%	129	158	310	60	8011833		1020804	ENG		
	1017803	172%	169	206	332	64	8012633		1020804	ENG		
	1026003	153%	150	184	310	60	8038733		1020804	ENG		



12AS1420TO

12AS1620TO



ZDF.122

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	98	120	609	118	8028733		1021604	OPP		
	1021903	126%	123	151	516	100	8040033		1021604	ENG		
	1010003	132%	129	158	310	60	8011833		1021604	ENG		
	1017803	172%	169	206	332	64	8012633		1021604	ENG		
	1026003	153%	150	184	310	60	8038733		1021604	ENG		



S5-42/6.56



ZDF.123

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	104703	136%	100		310	60	INCL			OPP		

For complete part numbers, consult the PTO Series section (page 25)

8S1820 TO/11.54-0.84 8S220 TO/11.54-0.84

ZDF.124



	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	109		609	118	INCL		1012704	OPP		
	1021903	126%	137		516	100	INCL		1012704	ENG		
	1010003	132%	144		310	60	INCL		1012704	ENG		
	1017803	172%	187		332	64	INCL		1012704	ENG		
	1026003	153%	167		310	60	INCL		1012704	ENG		

16AS2601 TO/14.12-0.83

16AS2630 TO/14.12-0.83



16AS2631 TO/14.12-0.83 IT

ZDF.125

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	111		609	118	8028933		1018104	OPP		
	1021903	126%	140		516	100	8039033		1018104	ENG		
	1010003	132%	147		310	60	8011933		1018104	ENG		
	1017803	172%	191		332	64	8012733		1018104	ENG		
	1026003	153%	170		310	60	8038933		1018104	ENG		

S5-42/7.55

ZDF.126

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	104603	139%	100		310	60	INCL			OPP		



For complete part numbers, consult the PTO Series section (page 25)

12AS1930 TO/12.33-0.78
 12AS1931 TO/12.33-0.78 IT
 12AS2130 TO/12.33-0.78
 12AS2131 TO/12.33-0.78 IT
 12AS2301 TO/12.33-0.78 IT

12AS2330 TO/12.33-0.78
 12AS2331 TO/12.33-0.78 IT
 12AS2530 TO/12.33-0.78
 12AS2531 TO/12.33-0.78 IT
 12AS2540 TO/12.29-0.78



12AS2541 TO/12.29-0.78 IT
 12AS2740 TO/12.29-0.78
 12AS2741 TO/12.29-0.78 IT
 12AS2940 TO/12.29-0.78
 12AS2941 TO/12.29-0.78 IT

ZDF.127

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	135		609	118	8028933		1018104	OPP		
	1021903	126%	170		516	100	8039033		1018104	ENG		
	1010003	132%	178		310	60	8011933		1018104	ENG		
	1017803	172%	232		332	64	8012733		1018104	ENG		
	1026003	153%	207		310	60	8038933		1018104	ENG		



S6-36/6.93-0.8

ZDF.128

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1022603	100%	51		435	84	INCL			OPP		
	1027203	126%	64		435	84	INCL			ENG		
	109903	132%	67		310	60	INCL			ENG		
	1017903	172%	88		332	64	INCL			ENG		
	1026603	153%	78		310	60	INCL			ENG		

S6-80/7.90



ZDF.129

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1015703	100%	52		609	118	INCL			OPP		
	1021903	126%	66		516	100	INCL			ENG		
	1010003	132%	69		310	60	INCL			ENG		
	1017803	172%	89		332	64	INCL			ENG		
	1026003	153%	80		310	60	INCL			ENG		

For complete part numbers, consult the PTO Series section (page 25)



6S850/6.72-0.79

ZDF.130

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
	1022603	100%	53		435	84	INCL			OPP		
	1027203	126%	67		435	84	INCL			ENG		
	109903	132%	70		310	60	INCL			ENG		
	1017903	172%	91		332	64	INCL			ENG		
	1026603	153%	81		310	60	INCL			ENG		

S5-42/5.72

ZDF.131

	PTO Series	% Internal Ratio	% Final Ratio		Max. Torque (Lb.Ft)	Power @1000 rpm (HP)	Stud Kit	Notes	Adapters	PTO Rot.	Input Gear	Assy
			Low	High								
1000	B (55)				250	49	INCL	(ZF1,2,3)		OPP	21	
	C (73)			68	250	49	INCL	(ZF1,2,3)		OPP	21	
	E (86)			74	225	44	INCL	(ZF1,2,3)		OPP	21	
	J (95)			88	225	44	INCL	(ZF1,2,3)		OPP	21	
	O (125)			116	200	39	INCL	(ZF1,2,3)		OPP	21	
	R (137)			127	200	39	INCL	(ZF1,2,3)		OPP	21	
	S (150)			139	190	37	INCL	(ZF1,2,3)		OPP	21	
	T (165)			153	175	34	INCL	(ZF1,2,3)		OPP	21	

FOOT NOTES:

- ZF1: Direct mount pump size will be limited by cross-member.
- ZF2: "Shaft high" assembly arrangement shown for cross-member clearance.
- ZF3: PTO housing may encounter exhaust interference and may require modification per Ford recommendations.
- ZF4: Use "3" assembly arrangement for direct mount pump. Pump size is limited by cross-member interference.
- ZF5: Gas tank may prevent remote mounting of pump on left side.

For complete part numbers, consult the PTO Series section (page 25)