

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
	RTO-9109A-AT, RTO-11109A-AT, RTO-12109A-AT, RTO-13109A-AT, RTO-14109A-AT, RTO-16109A-ATE Footnote (1, 10)							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 45T 6P 20° PA Spur LOCATION: Front PLV: 1854FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6804-C1BX	2, 3, 5, 8	Opp	64					Included	Cable	285	54
	TG6S-U6805-C1BX	2, 3, 5, 8	Opp	83					Included	Cable	270	51
	TG6S-U6806-C1BX	2, 3, 5, 8	Opp	108					Included	Cable	245	47
	TG6S-U6807-C1BX	2, 3, 5, 8	Opp	128					Included	Cable	230	44
	TG6S-U6808-C1BX	2, 3, 5, 8	Opp	156					Included	Cable	230	44
	TG6S-U6809-C1BX	2, 3, 5, 8	Opp	163					Included	Cable	205	39
	TG6S-U6812-C1BH	2, 3, 5, 8	Opp	200					Included	Cable	210	40
	TG6S-U6813-C1BH	2, 3, 5, 8	Opp	228					Included	Cable	207	39
	TG6S-U6815-C1BH	2, 3, 5, 8	Opp	257					Included	Cable	184	35
TG6S-U6818-C1BH	2, 3, 5, 8	Opp	304					Included	Cable	155	29	
SH SERIES	SH6S-U6005-E1BX	3, 7	Opp	83					Included	Elec/Air	400	76
	SH6S-U6807-E1BX	3, 7, 8	Opp	123					Included	Elec/Air	383	73
	SH6S-U6809-E1BX	3, 7, 8	Opp	153					Included	Elec/Air	308	59
	SH6S-U6812-E1BX	3, 7, 8	Opp	203					Included	Elec/Air	231	44
CLUTCH SHIFT	CS6S-U6003-E1BX	3, 7	Opp	58					Included	Power	300	57
	CS6S-U6004-E1BX	3, 7	Opp	76					Included	Power	300	57
	CS6S-U6005-E1BX	3, 7	Opp	83					Included	Power	300	57
	CS6S-U6806-E1BX	3, 7	Opp	96					Included	Power	300	57
	CS6S-U6807-E1BX	3, 7, 8	Opp	123					Included	Power	300	57
	CS6S-U6809-E1BX	3, 7, 8	Opp	153					Included	Power	275	52
	CS6S-U6812-E1BX	3, 7, 8	Opp	203					Included	Power	231	44
	1 FWD. 1 REV.	RL6D-U6803-L3BX RL6D-U6805-L3BX	4, 5, 9 5, 9	Opp Opp	47 96		47 96		23M60200S 23M60200S	20MK6602 20MK6602	Lever Lever	200 200
ADAPTER TO CHANGE ROTATION		6	40TU6855-1					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

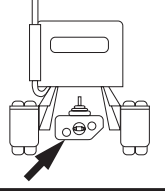

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- Speeds are shown with torque converter in lock-up condition. Torque converter lock-up can be obtained by making the connection to the PTO indicator switch as described in the PTO Operator's Manual.
 - TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
 - Direct mount pumps will not clear bulge on right side unless adapter is used. However, there is pump clearance for direct mounting the PKS-Series pump to a TG6S-U68**C1SX for pumps up to the PKS1-15-02BPBB. The 17GPM requires a S68 gear (03T94243), 23M60200S and 20MK6603.
 - RL Series with combined reduction gear box.
 - Requires indicator switch kit 48MK1434-14. TG Series electric/air shift option requires kit 48MK1435-14 instead. Sold separately.
 - Typical adapter used to clear frame interference. 40TU6845-1 & 40TU6830-1 are also available options. Chassis with clutch slave cylinder located at bottom of transmission, the 40TU6830-1 is recommended.
 - Requires 48T37432 for connection to pressure switch pigtail, use 34MA1420 for "A" manual airshift option.
 - Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M60200S & stud kit 20MK6603 (20TK4433 for SH or CS).
 - Do not use for continuous duty applications.
 - PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
	RTO-9109A-AT, RTO-11109A-AT, RTO-12109A-AT, RTO-13109A-AT, RTO-14109A-AT, RTO-16109A-ATE Footnote (1, 6, 12)							SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								47T 6P 20° PA Spur	PLMF: .810			
								LOCATION: Front	RPM: 944			
								PLV: 1939 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-U6804-C1BX	2, 4, 8	Opp	67					Included	Cable	285	54
	TG8S-U6805-C1BX	2, 4, 8	Opp	87					Included	Cable	270	51
	TG8S-U6806-C1BX	2, 4, 8	Opp	113					Included	Cable	245	47
	TG8S-U6807-C1BX	2, 4, 8	Opp	134					Included	Cable	230	44
	TG8S-U6808-C1BX	2, 4, 8	Opp	164					Included	Cable	230	44
	TG8S-U6809-C1BX	2, 4, 8	Opp	171					Included	Cable	205	39
	TG8S-U6812-C1BH	2, 4, 8	Opp	210					Included	Cable	210	40
	TG8S-U6813-C1BH	2, 4, 8	Opp	239					Included	Cable	199	38
	TG8S-U6815-C1BH	2, 4, 8	Opp	269					Included	Cable	176	34
	TG8S-U6818-C1BH	2, 4, 8	Opp	318					Included	Cable	148	28
SH SERIES	SH8G-U6005-E1BX	7, 10	Opp	87					Included	Elec/Air	400	76
	SH8G-U6807-E1BX	7, 8, 10	Opp	128					Included	Elec/Air	366	70
	SH8G-U6809-E1BX	7, 8, 10	Opp	160					Included	Elec/Air	295	56
	SH8G-U6812-E1BX	7, 8, 10	Opp	212					Included	Elec/Air	221	42
	SH8G-U6813-E1BX	7, 8, 10	Opp	246					Included	Elec/Air	200	38
CLUTCH SHIFT	CS8G-U6003-E1BX	7, 9	Opp	61					Included	Power	300	57
	CS8G-U6004-E1BX	7, 9	Opp	80					Included	Power	300	57
	CS8G-U6005-E1BX	7, 9	Opp	87					Included	Power	300	57
	CS8G-U6806-E1BX	7, 9	Opp	103					Included	Power	300	57
	CS8G-U6807-E1BX	7, 8, 9	Opp	128					Included	Power	300	57
	CS8G-U6809-E1BX	7, 8, 9	Opp	160					Included	Power	275	52
	CS8G-U6812-E1BX	7, 8, 9	Opp	212					Included	Power	221	42
	CS8G-U6814-E1BX	7, 9	Opp	265					Included	Power	178	34
1 FWD. 1 REV.	RL8S-U6803-L3BX	3, 4, 11	Opp	49		49		23M80032	Included	Lever	200	38
	RL8S-U6805-L3BX	4, 11	Opp	101		101		23M80032	Included	Lever	200	38
ADAPTER TO CHANGE ROTATION		5	40TU6886-1 + 23M80500 + 23M80062 + 20MK8817					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	PTO HOUSING INTERFERENCE WITH TORQUE CONVERTER HOUSING											
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- Speeds are shown with torque converter in lock-up condition. Torque converter lock-up can be obtained by making the connection to the PTO indicator switch as described in the PTO Operator's Manual.
- TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
- RL Series with combined reduction gear box.
- Requires indicator switch kit 48MK1434-14. TG Series electric/air shift option requires kit 48MK1435-14 instead. Both sold separately.
- Change TG Series, CS Series, SH Series and RL Series to 6-bolt PTO housing (TG6S, CS6S, SH6S, and RL6D respectively). Add 23M60200S + 20MK6603 for RL Series on PTO side of adapter.
- Transmissions with the optional Lo profile oil pan will NOT accept PTOs on this opening.
- Requires 48T37432 for connection to pressure switch pigtail, use 34MA1420 for "A" manual airshift option.
- Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MK8808.
- CS8G version without the Drag brake is required due to interference with the torque converter housing. This option is only available with the "B", "K" or "V" output shaft option.
- SH8G version is required due to interference with the torque converter housing. This option is only available with the "B", "K" or "V" output shaft option.
- Do not use for continuous duty applications.
- PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.