Data Sheet

Form No.	Issue Date	Rev. Date
DS–3003	04/20/96	04/14/14

WATEROUS MODEL TMR REVERSING TRANSMISSION

DESCRIPTION:

The TMR transmission was designed for installation in a vehicle between the main transmissions and rear axle to provide reverse vehicle motion with the main transmission in forward gears. In forward, power is transmitted directly through the TMR transmission to the rear axle with input and output shafts rotating in the same direction. when in reverse, power is transmitted through a chain drive to a countershaft and then through gearing to the output shaft. The output shaft rotates opposite the input. When the TMR transmission is operated in either mode it allows the vehicle's main transmission to be operated in any desired gear. A manual shift arm is furnished (Waterous does not supply linkage) to shift transmission from forward to reverse.

SPECIFY A COMPLETE MODEL FOR TMR REVERSING TRANSMISSION AS FOLLOWS:

MODEL: TMR

DIMENSIONAL ASSEMBLY NUMBER

81716

DRIVELINE

2 in. Extra Hvy Duty:	Input:	2 in.–10 SAE spline
	Output:	2 in.–10 SAE spline
Torque Ratings:	6100 lb–ft.	

MISCELLANEOUS

Choice optional:

Table 1. Companion Flanges

Description	Part No.	Use On:
1700 Series Companion Flange (2 in.–10 SAE Spline)	61321	2 in–10 SAE Spline Input & Output Shafts