

## MODEL MG-5111A

- 800 hp @ 2300 rpm pleasure craft rating
- 545 lbs for low weight to hp ratio
- Popular trolling valve optional
- Identical forward and reverse ratios: 1.20:1, 1.48:1, 1.75:1, 1.92:1 and 2.44:1
- 7° down angle for reduced shaft angles
- Helical gears for quieter operation
- Identical capacity forward or reverse—provides either left or right-hand propeller rotation with identical engine
- Oil controlled and cooled clutches
- No external plumbing (except to heat exchanger)
- Built with jig-bore accuracy
- SAE No. 1 or No. 2 housing
- Rubber block drive standard
- Optional Torsional Couplings available
- Advanced design to provide strong yet lightweight high grade iron housings

This lightweight, high-capacity marine transmission permits the use of higher powered engines that are required for best vessel performance.

The MG-5111A offers conical helical gearing for quieter operation. A 7° down angle provides for near level engine installation. This feature is of particular interest to marine architects for optimizing space in planing type hulls.

The 1.20:1, 1.48:1, 1.75:1, 1.92:1 and 2.44:1 ratio units are available in one configuration. Identical capacity and ratios in forward or reverse eliminate the need for opposite rotation engines.

### TROLLING VALVE

An optional trolling valve is available for the MG-5111A. For units ordered without the trolling valve, the XA7373J Assembly Trolling Valve Kit K-676 is available. The trolling valve provides the ability to obtain lower propeller speeds than would be possible at engine idle speed with the clutch fully engaged. If a raw water heat exchanger is used, then a thermostatic oil bypass

valve is recommended for use in the transmission oil circuit to provide proper sump oil temperature for consistent trolling valve operation.

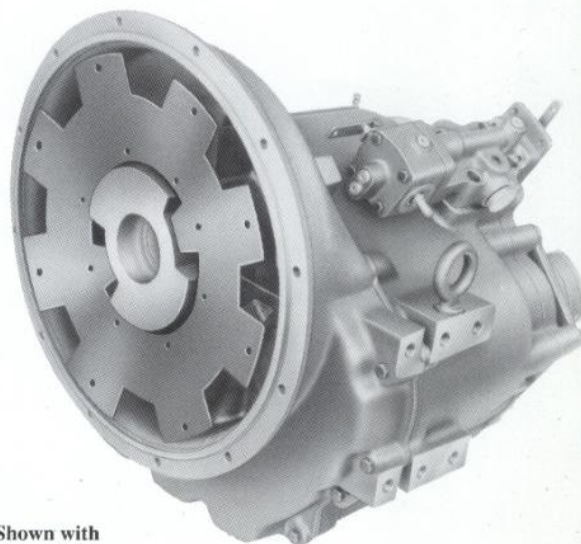
### HEAT EXCHANGER

Heat exchanger kits for raw water cooling the MG-5111A are available from Twin Disc. Customers who wish to furnish their own heat exchanger should contact the nearest Twin Disc or marine engine distributor for exchanger specifications.

### POWER TAKE-OFFS

Three optional PTO's are available for the MG-5111A, which make it convenient to run bow thrusters, hydraulic steering and other power accessories.

- XB6243 Live SAE C pump-mount PTO rated 112kW (150 hp) @ 1800 rpm
- XA7553A Hydraulic Clutch SAE C pump-mount PTO rated 78 kW (104 hp) @ 1800 rpm
- XA7553 Hydraulic Clutch 1 $\frac{1}{8}$ " diameter shaft drive PTO rated 78 kW (104 hp) @ 1800 rpm



MG-5111A Shown with Optional Trolling Valve and Optional Flexible Input Coupling.

