

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.

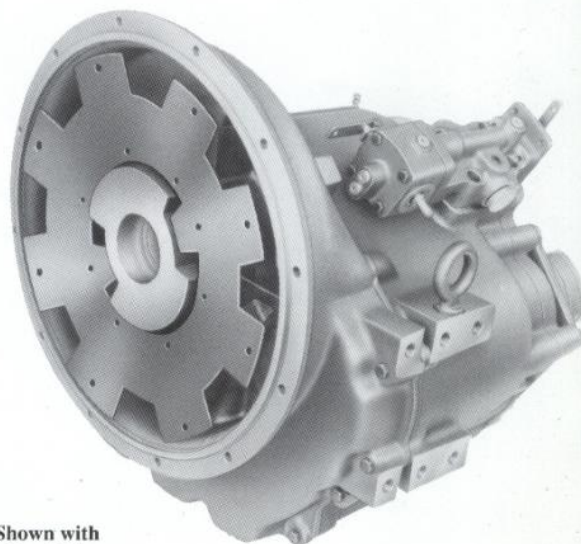
HEAT EXCHANGER

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.

