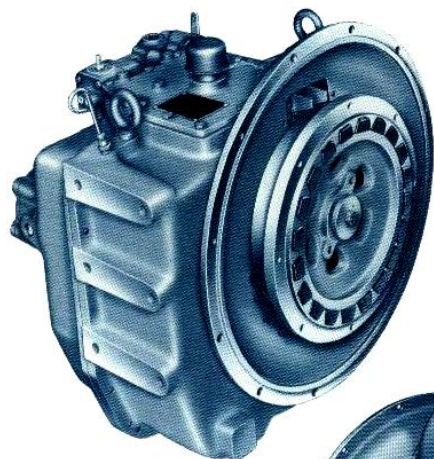
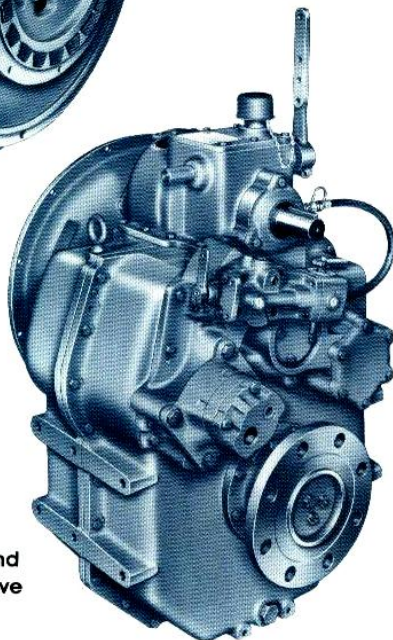


Model MG-510

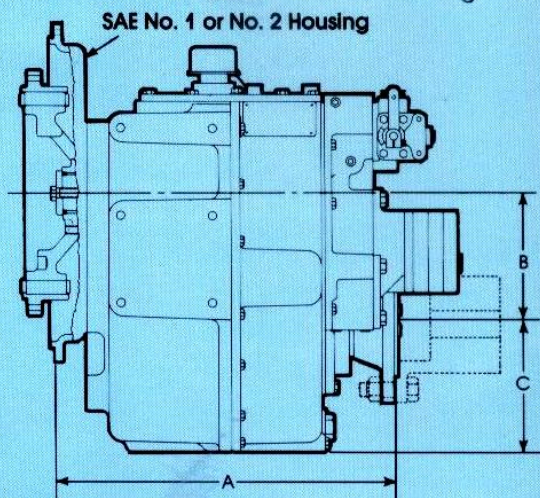
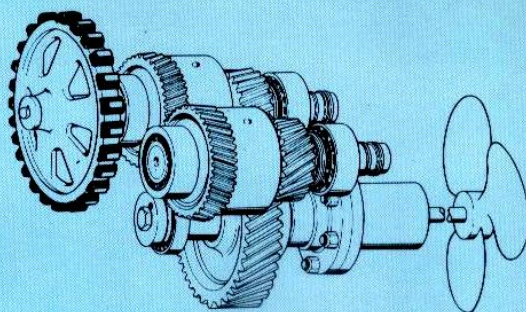
Marine Transmission



Shallow-Case with
Optional Trolling Valve



Deep-Case with
Optional Top PTO and
Optional Trolling Valve



Use Certified Print for Installation

DRAWING NUMBER	RATIOS	A	B	C	APPROX. DRY WEIGHT
XA7339	1.50:1, 2.04:1 2.54:1, 3.10:1	496.1 mm (19.53")	189.7 mm (7.47")	185.4 mm (7.30")	349 kg (770 lbs.)
XA7338	3.92:1, 4.95:1	508.8 mm (20.03")	274.8 mm (10.82")	273.1 mm (10.75")	404 kg (890 lbs.)

- Permits use of two identical standard engine packages in twin engine installations—simplifies on-board parts requirements
- Oil controlled clutch engagement
- Carbureted, hardened and ground helical gears
- No external plumbing (except to heat exchanger and optional top PTO)
- Built with jig-bore accuracy
- Identical forward and reverse ratios: 1.50:1, 2.04:1, 2.54:1, 3.10:1, 3.92:1 and 4.95:1
- SAE No. 1 or No. 2 housing
- Identical performance forward or reverse—provides either left or right-hand propeller rotation with identical engine
- Quiet operation
- Controlled rate of pressure rise for smoother shifts
- Rubber block drive

The MG-510 is designed for use with popular high-speed marine diesels. This unit is offered in both a shallow-case and a deep-case version.

The shallow-case offers 1.50:1, 2.04:1, 2.54:1 and 3.10:1 ratios. The 3.92:1 and 4.95:1 ratio units use a deeper case as the center distance of the gears is greater. All ratios include carburized, hardened and ground helical gears.

Identical performance in forward or reverse provide either left or right-hand rotation of propellers with identical engines.

Optional equipment in addition to heat exchanger, includes a trolling valve, companion flanges and a top PTO (35 hp mechanical clutch).

Heat Exchanger

Heat exchangers are available from Twin Disc for the MG-510. Customers who wish to furnish their own heat exchanger should contact the nearest Twin Disc or marine engine distributor for exchanger specifications. When ordering, specify if raw or fresh water is to be used in the heat exchanger.