

# TM 93 A Marine Transmission

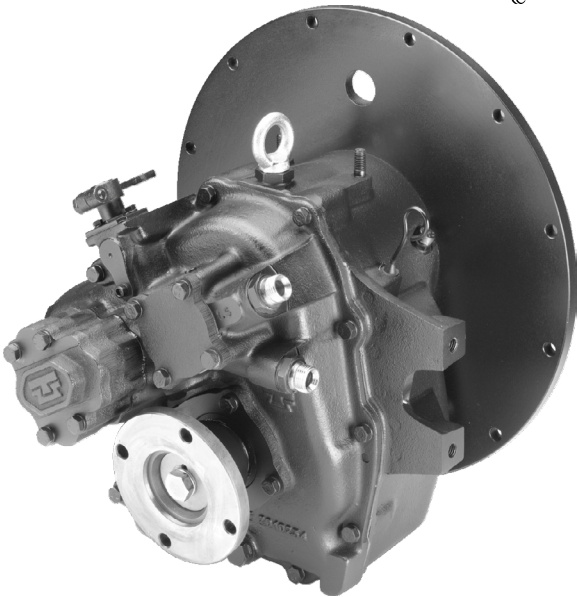
Maximum 162 kW (217 hp)



The Technodrive TM 93 A marine transmission is equipped with hydraulically operated multi-disc clutches. Both the clutches and gears are designed to transmit full engine power with the same gear ratio in both forward and reverse. An 8° down-angle on the output shaft ensures proper alignment for engine and gearbox installation in planing or semi-displacement hulls.

## SPECIFICATIONS

- SAE 3, 4, BW bell housings
- 10"-11.5" torsional couplings
- Cable bracket
- Heat exchanger kit
- Trolling valve
- Propeller shaft flange
- Electric control valve



## TECHNICAL DATA

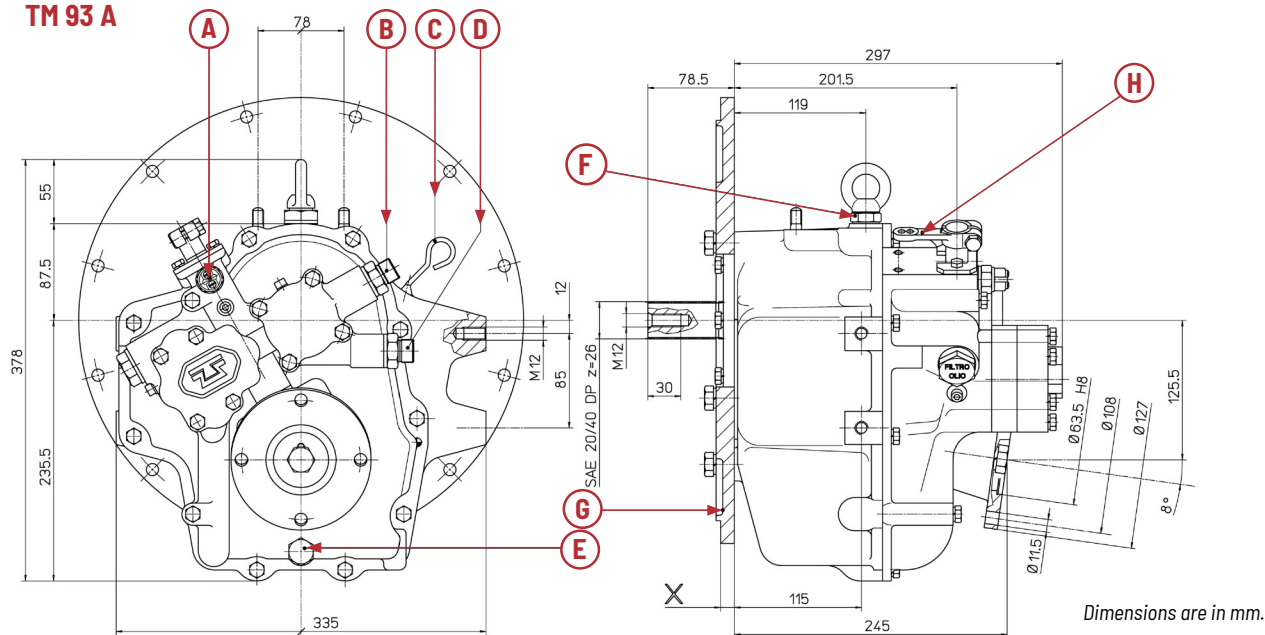
Input Ratings kW (hp)						
Ratio	Pleasure		Intermediate		Continuous	
	2600 rpm	3300 rpm	2100 rpm	2800 rpm	1800 rpm	2400 rpm
1.51	128 (172)	162 (217)	79 (106)	106 (142)	47 (63)	63 (84)
2.09	106 (142)	135 (181)	66 (89)	88 (118)	39 (52)	52 (70)
2.40	93 (125)	117 (157)	57 (76)	76 (102)	34 (46)	45 (60)

## TORSIONAL RESPONSIBILITY

Disregarding propulsion system torsional compatibility could cause damage to components in the drive train resulting in loss of mobility. At minimum, system incompatibility could result in gear clatter at low speeds.

The responsibility for ensuring that the torsional compatibility of the propulsion system is satisfactory rests with the assembler of the drive and driven equipment.

## TM 93 A



**A** Neutral indicator **B** Oil from cooler **C** Dipstick **D** Oil to cooler **E** Drain plug **F** Vent **G** Mounting flange **H** Actuating lever

Max. Engine Speed	Dry Weight	Oil Quantity
4500 rpm	53 kg (117 lbs)	2.40 L (0.63 gal)

USA • AUSTRALIA • BELGIUM • CANADA • CHINA • FINLAND • INDIA  
ITALY • NETHERLANDS • NEW ZEALAND • SINGAPORE • SWITZERLAND

Twin Disc, Incorporated reminds users of these products that their safe operation depends on use in compliance with engineering information provided in our catalog. Users are also reminded that safe operation depends on proper installation, operation and routine maintenance and inspection under prevailing conditions. It is the responsibility of users (and not Twin Disc, Incorporated) to provide and install guards or safety devices which may be required by recognized safety standards or by the Occupational Safety and Health Act of 1970 and its subsequent provisions.

2505\_Bulletin\_TM93A  
© 2025, Twin Disc, Incorporated