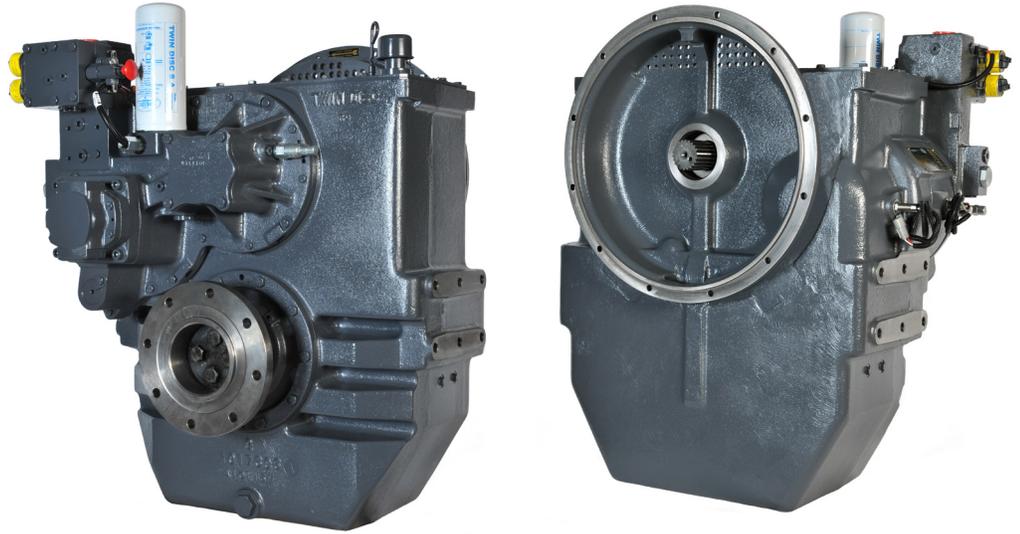


Maximum 447 kW (600 hp) @1800 RPM (CONTINUOUS DUTY)

STANDARD EQUIPMENT

MGX-516

- Vertical offset, cast iron housing
- SAE J617 housing no. 1
- Electric GP-valve with manual override
- EC050 Profile module
 - interface for engagement signals
- Oil strainer and oil filter



INPUT RATINGS - KILOWATS (KW) (HORSEPOWER (HP))*

For service classification definitions and important notes refer to www.twindisc.com, the Twin Disc Marine Product Guide or contact Twin Disc directly.

Reduction Ratios :1	Intermediate Duty		Medium Duty		Continuous Duty	
	@ 1800 RPM	@ 2100 RPM	@ 1600 RPM	@ 1800 RPM	@ 1600 RPM	@ 1800 RPM
3.06, 3.50 4.04, 4.52 5.05	530 kW (711 hp)	573 kW (768 hp)	397 kW (532 hp)	447 kW (600 hp)	397 kW (532 hp)	447 kW (600 hp)
	518 kW (695 hp)	549 kW (736 hp)				
	494 kW (662 hp)	521 kW (699 hp)				
	484 kW (649 hp)	510 kW (684 hp)				
	468 kW (628 hp)	492 kW (660 hp)				
6.00	419 kW (562 hp)	470 kW (630 hp)	365 kW (489 hp)	406 kW (544 hp)	365 kW (489 hp)	406 kW (544 hp)

* Ratings shown for use with standard right-hand rotation engines.
The maximum allowable rated engine speed is 2500 rpm.



Specifications subject to change without prior notice in the interest of continual product improvement.
Contact your local Twin Disc representative for engineering specifications, Survey Society Approvals and Classifications.

Scan QR code to see Twin Disc's entire Marine product line.



OPTIONS

SAE no. 1 to SAE no. 0 housing adaptors

Flexible coupling for 14" flywheel (SAE J620 size 355)

Input hub for freestanding installation

Mechanical control valve

EC050 E-Troll module – interface for engagement & trolling signals

Harness with single point interface to Twin Disc EC300 control system

Oil cooler with thermostatic bypass valve

Companion flange/ bolts set

Monitoring devices to customer's specification

Mounting brackets

Live PTO

SAE J744 size 101-2, 25-4 (SAE "B-B", 2-bolt, max. 337 Nm)

SAE J744 size 127-2/4, 32-4 (SAE "C", 2/4-bolt) – max. 592 Nm

SAE J744 size 127-2/4, 38-4 (SAE "C-C", 2/4-bolt) – max. 1187 Nm

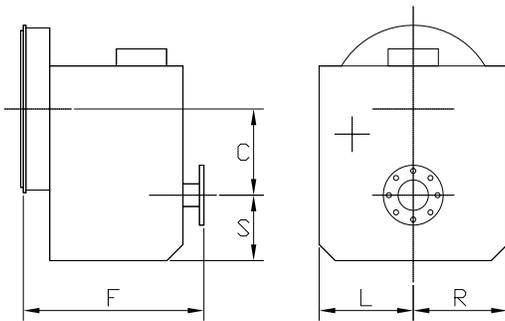
Hydraulic Clutchable pump mount PTO

SAE J744 size 127-2/4, 32-4 (SAE "C", 2/4-bolt) – max. 592 Nm

SAE J744 size 127-2/4, 38-4 (SAE "C-C", 2/4-bolt) – max. 1186 Nm

Dry weight incl. SAE #1 housing and SAE 355 flexible coupling: **720 kg**

MGX-516



C	338 mm (13.29")
S	324 mm (12.77")
F	523 mm (20.59")
L	356 mm (14.00")
R	356 mm (14.00")

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.

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For nearly a century, we've been making boats perform better and more reliably. From system-design consultation to application development to in-service support, Twin Disc provides fully integrated propulsion solutions that will optimize your craft's performance, reliability and safety over the years. Bring Twin Disc aboard early in the development process, and you'll enjoy a lifetime of enhanced operating value.

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TD-Bulletin-MGX-516
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Printed in the USA - 1/2016