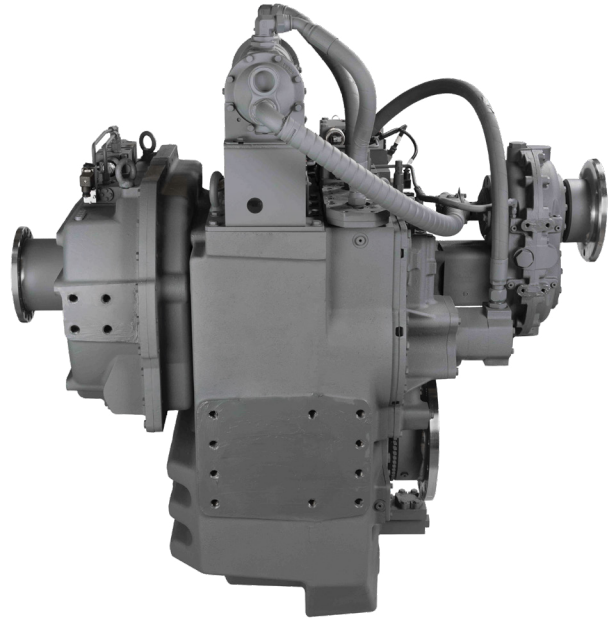


MGH-5321DC**MAXIMUM 982 KW (1317 HP) @ 1800 RPM
(CONTINUOUS DUTY)****STANDARD EQUIPMENT**

- Vertical offset, nodular iron housing
- Electric GP-valve with manual override
- EC600PC profile module – interface for engagement signals
- Mounted oil cooler for raw water cooling
- Oil strainer and oil filter

HYBRID-READY FEATURES

- MC-75 MasterClutch™
- PTI gearbox



QUICKSHIFT®
BY TWIN(DISC)

INPUT RATINGS

Reduction Ratios :1	Intermediate Duty		Medium Duty		Continuous Duty	
	@ 1800 RPM	@ 2100 RPM	@ 1600 RPM	@ 1800 RPM	@ 1600 RPM	@ 1800 RPM
3.35, 4.06, 4.42 4.96, 5.46	1044 kW (1400 hp)	1163 kW (1560 hp)	928 kW (1244 hp)	1044 kW (1400 hp)	882 kW (1183 hp)	982 kW (1317 hp)
5.96			865 kW (1160 hp)	969 kW (1300 hp)	861 kW (1155 hp)	969 kW (1300 hp)
6.39	893 kW (1198 hp)	1022 kW (1371 hp)	776 kW (1041 hp)	863 kW (1137 hp)	737 kW (988 hp)	812 kW (1098 hp)

For service classification definitions and important notes refer to www.twindisc.com, the Twin Disc Marine Product Guide or contact Twin Disc directly.
Ratings shown for use with standard right-hand rotation engines.
The maximum allowable rated engine speed is 2400 rpm.

EC600PC ELECTRONIC PROPULSION CONTROL SYSTEM

- Optional equipment: display and joystick



[Click here](#) to learn more about MGH-5321DC Hybrid Ready Transmissions

All product images are representative only.
Specifications subject to change without prior notice in the interest of continual product improvement.



MASTERCLUTCH

- Permits power generation through PTO/PTI in forward, neutral and reverse
- Prevents engine back-driving during electric-only operation
- Supports all features of QuickShift transmission



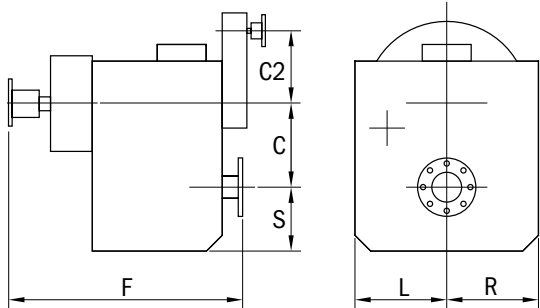
PTI GEARBOX

- Drives transmission primary shaft (same as engine) with MasterClutch providing disconnect
- Allows for standard speed/smaller e-motor through motor speed reduction
- Offset to propeller shaft enables installation of large motors
- Reductions from 1.0:1 to 2.5:1
- Integrated sea water (optional) pump cools transmission during electric propulsion
- PTO available for onboard hydraulics (e.g., steering pump)
- Limited to 1,186 Nm on MGH-5321DC input shaft

OPTIONAL EQUIPMENT

- SAE J617 housing no. 0
- SAE J617 housing no. 00
- Flexible coupling for 18" flywheel (SAE J620 size 460)
- Flexible coupling for 21" flywheel (SAE J620 size 530)
- Input hub for freestanding installation
- EC600PC e-troll module and propulsion control system
- Oil cooler for fresh water cooling
- Companion flange/bolts set
- Special companion flange/bolts set for shaft brake application
- Monitoring devices to customer's specification

MGH-5321DC



C	440 mm (17.32")
C2	163 mm (6.45")
S	426 mm (16.77")
F	1068 mm (42.06")
L	440 mm (17.32")
R	440 mm (17.32")
Weight	2298 kg (5062 lbs)

Dry weight including SAE no. 0 housing and SAE 460 flexible coupling

Since 1918, we've been putting horsepower to work by designing, engineering and manufacturing rugged-duty industrial products. Our products and our reputation are bolted to the most renowned engine manufacturers and equipment OEMs in the world. Our mission is to make boats, machines and off-highway vehicles more productive, more durable, more operator-friendly, and more cost-effective. From design and installation consultation through after-sale support, Twin Disc and its distributors are committed to your business. No one knows more about managing horsepower in more ways than Twin Disc.

TRANSMISSIONS

ELECTRONIC CONTROLS

EXPRESS JOYSTICK SYSTEM®

SAILDRIVES

EXPRESS POSITIONING®

ARNESON® SURFACE DRIVES

MARINE CONTROL DRIVES

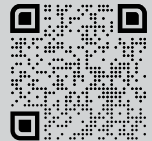
ROLLA™ PROPELLERS

VETH PROPULSION SYSTEMS

PUMP DRIVES

PTOS

KATSA TRANSMISSIONS



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Twin Disc, Incorporated reminds users of these products that their safe operation depends on use in compliance with engineering information provided in our product guides, installation/assembly drawings and/or manuals. 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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Twin Disc, Incorporated
Milwaukee, WI 53202 USA
Phone +1 (262) 638-4000
TWINDISC.COM

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