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.

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

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

<table>
<thead>
<tr>
<th></th>
<th>C 338 mm (13.29&quot;)</th>
<th>S 324 mm (12.77&quot;)</th>
<th>F 523 mm (20.59&quot;)</th>
<th>L 356 mm (14.00&quot;)</th>
<th>R 356 mm (14.00&quot;)</th>
</tr>
</thead>
</table>

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.

TWIN DISC
Racine, Wisconsin 53403 USA
Phone +1-262-638-4000
Fax +1-262-638-4482
www.twindisc.com

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