**STANDARD EQUIPMENT**

**MGX-5222DC**

Vertical offset, nodular iron housing  
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>@ 1800 RPM</td>
<td>@ 1800 RPM</td>
</tr>
<tr>
<td></td>
<td>@ 2100 RPM</td>
<td>@ 1600 RPM</td>
<td>@ 1600 RPM</td>
</tr>
<tr>
<td>4.03, 4.59, 5.04, 6.10, 6.56, 6.96</td>
<td>630 kW (845 hp)</td>
<td>540 kW (724 hp)</td>
<td>540 kW (724 hp)</td>
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<tr>
<td></td>
<td>720 kW (966 hp)</td>
<td>600 kW (805 hp)</td>
<td>600 kW (805 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.
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.

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.

OPTIONS

SAE J617 housing no.1
SAE J617 housing no.0
Flexible coupling for 14” flywheel (SAE J620 size 355)
Flexible coupling for 18” flywheel (SAE J620 size 460)
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 for raw and fresh water cooling
Companion flange/ bolts set
Monitoring devices to customer’s specification
Mounting brackets
Live 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. 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: 1046 kg

MGX-5222DC

<table>
<thead>
<tr>
<th>C</th>
<th>400 mm (15.75&quot;)</th>
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</thead>
<tbody>
<tr>
<td>S</td>
<td>384 mm (15.13&quot;)</td>
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<tr>
<td>F</td>
<td>637 mm (25.08&quot;)</td>
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<tr>
<td>L</td>
<td>406 mm (16.00&quot;)</td>
</tr>
<tr>
<td>R</td>
<td>406 mm (16.00&quot;)</td>
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