



## SPECIFICHE TECNICHE

### Mercury® Diesel: 3.0L (230-270hp)



<b>Potenza mhp / kW</b>	<ul style="list-style-type: none"> <li>• 270</li> </ul>
<b>Alésaggio e corsa</b>	<ul style="list-style-type: none"> <li>• 3.27 x 6.62" / 83 x 92 mm</li> </ul>
<b>Regime massimo (WOT)</b>	<ul style="list-style-type: none"> <li>• 4200</li> </ul>
<b>Tipo di motore</b>	<ul style="list-style-type: none"> <li>• V6</li> </ul>
<b>Cilindrata (L)</b>	<ul style="list-style-type: none"> <li>• 3.0L</li> </ul>
<b>Dry Weight (engine only)</b>	<ul style="list-style-type: none"> <li>• 358 Kg (789 lbs)</li> </ul>
<b>Dimensioni (L x P x A)</b>	<ul style="list-style-type: none"> <li>• 36.7 x 33.4 x 32.0" / 847 x 849 x 813 mm</li> </ul>
<b>Peak Torque</b>	<ul style="list-style-type: none"> <li>• 594 Nm @ 2200 rpm</li> </ul>
<b>Air Handling</b>	<ul style="list-style-type: none"> <li>• Turbocharged and Aftercooled</li> </ul>
<b>Fuel System</b>	<ul style="list-style-type: none"> <li>• High pressure common rail</li> </ul>
<b>Rotation</b>	<ul style="list-style-type: none"> <li>• Counter clockwise facing flywheel</li> </ul>
<b>Compression Ratio</b>	<ul style="list-style-type: none"> <li>• 16.5:1</li> </ul>
<b>Fuel Pre-filtration requirement</b>	<ul style="list-style-type: none"> <li>• Not required</li> </ul>
<b>Fuel lift pump</b>	<ul style="list-style-type: none"> <li>• On engine</li> </ul>
<b>High pressure fuel pump</b>	<ul style="list-style-type: none"> <li>• Bosch CP 4.2 w/ integrated gear lift pump</li> </ul>
<b>Valves per Cylinder</b>	<ul style="list-style-type: none"> <li>• 4</li> </ul>
<b>Pistons</b>	<ul style="list-style-type: none"> <li>• Oil jet cooled</li> </ul>
<b>Fuel injectors</b>	<ul style="list-style-type: none"> <li>• Bosch CRS 2.20 (Solenoid)</li> </ul>
<b>Glow Plugs</b>	<ul style="list-style-type: none"> <li>• Standard equipment with Bosch glow plug control unit (GCU)</li> </ul>
<b>Air inlet (Starboard Rear)</b>	<ul style="list-style-type: none"> <li>• Filtered and silenced</li> </ul>
<b>Turbocharger</b>	<ul style="list-style-type: none"> <li>• Honeywell VGT</li> </ul>
<b>Engine and turbocharger cooling</b>	<ul style="list-style-type: none"> <li>• Closed cooled</li> </ul>
<b>Coolers</b>	<ul style="list-style-type: none"> <li>• Aftercooler, Engine Coolant, Engine Oil, Power Steering / Gear Oil and Fuel - All are tube and shell</li> </ul>
<b>Seawater pump inlet size</b>	<ul style="list-style-type: none"> <li>• 38 mm (1.5 in)</li> </ul>
<b>Oil sump volume</b>	<ul style="list-style-type: none"> <li>• 8.5 L</li> </ul>
<b>Dipstick range</b>	<ul style="list-style-type: none"> <li>• 1.0 L</li> </ul>
<b>Oil maintenance interval</b>	<ul style="list-style-type: none"> <li>• 200 hours or annually</li> </ul>
<b>Coolant Volume</b>	<ul style="list-style-type: none"> <li>• 12 L</li> </ul>

<b>Flywheel size</b>	<ul style="list-style-type: none"> <li>• 290 mm (11.42 in) SAE 8</li> </ul>
<b>Electrical system</b>	<ul style="list-style-type: none"> <li>• 12 V, 110 A w/ conveniently located battery power and ground studs</li> </ul>
<b>MerCathode (Sterndrive only)</b>	<ul style="list-style-type: none"> <li>• Engine mounted</li> </ul>
<b>Engine Stop</b>	<ul style="list-style-type: none"> <li>• ECU Controlled</li> </ul>
<b>Engine Control Unit (ECU)</b>	<ul style="list-style-type: none"> <li>• Bosch EDC17</li> </ul>
<b>Sensors</b>	<ul style="list-style-type: none"> <li>• Crank &amp; cam position, intake manifold pressure/temp, compressor outlet temp, exhaust gas temp, fuel temp, rail pressure, water in fuel (WIF), oil pressure/temp, coolant temp, seawater pressure/temp, atmospheric pressure</li> </ul>
<b>Throttle and shift</b>	<ul style="list-style-type: none"> <li>• Mercury DTS or Mechanical Cable</li> </ul>
<b>Helm and gauge compatibility</b>	<ul style="list-style-type: none"> <li>• Mercury SmartCraft</li> </ul>
<b>Mercury Joystick Piloting</b>	<ul style="list-style-type: none"> <li>• Compatible with Joystick Piloting for Sterndrives (Axisus)</li> </ul>
<b>Sterndrive: Mercury Bravo One X</b>	<ul style="list-style-type: none"> <li>• 1.36, 1.5, 1.65</li> </ul>
<b>Sterndrive: Mercury Bravo One X SeaCore</b>	<ul style="list-style-type: none"> <li>• 1.36, 1.50, 1.65</li> </ul>
<b>Sterndrive: Mercury Bravo One XR</b>	<ul style="list-style-type: none"> <li>• 1.35, 1.50</li> </ul>
<b>Sterndrive: Mercury Bravo Two X</b>	<ul style="list-style-type: none"> <li>• 1.50, 1.65, 1.81, 2.00</li> </ul>
<b>Sterndrive: Mercury Bravo Two X SeaCore</b>	<ul style="list-style-type: none"> <li>• 1.50, 1.65, 1.81, 2.00</li> </ul>
<b>Sterndrive: Mercury Bravo Two XR</b>	<ul style="list-style-type: none"> <li>• 1.65</li> </ul>
<b>Sterndrive: Mercury Bravo Three X</b>	<ul style="list-style-type: none"> <li>• 1.36, 1.50, 1.65, 1.81, 2.00</li> </ul>
<b>Sterndrive: Mercury Bravo Three X SeaCore</b>	<ul style="list-style-type: none"> <li>• 1.65, 1.81, 2.00</li> </ul>
<b>Sterndrive: Mercury Bravo Three XR</b>	<ul style="list-style-type: none"> <li>• 1.65, 1.81</li> </ul>
<b>Peso (solo motore)</b>	<ul style="list-style-type: none"> <li>• 358 Kg (789 lbs)</li> </ul>