Economic Operation
All Mitsubishi engines are designed and built to deliver performance, dependability and fuel efficiency. From the combustion chamber design to the fuel injection technology, to the turbocharger and the advanced cooling system...everything has been perfectly balanced to provide highly reliable operation and optimum fuel consumption across the entire power curve.

Easy Maintenance
With Mitsubishi’s S6B3 marine engine, maintenance is very easy. Each cylinder has its own cylinder head and the engine has large inspection covers on the crankcase. No auxiliary component requires separate lubrication, whether it’s the fuel injection pump, governor, water pump or the turbocharger.

Approved by All Major Classification Societies
At our ISO certified manufacturing facilities, every Mitsubishi S6B3 diesel engine is built to meet the highest quality standards, as recognized by Lloyd’s Register of Shipping and other major international marine classification societies.

Environmental Compatibility
Mitsubishi offers a full line-up of engines that comply with IMO and EPA emissions standards.

Local Support Around The Globe
A team of support specialists is available worldwide to ensure that service and maintenance are performed without delay.
**MITSUBISHI MARINE**

**S6B3 - Y2MPTK**

<table>
<thead>
<tr>
<th>Type</th>
<th>4-cycle, watercooled, turbocharged diesel engine Y2MPTK with intercooler, cooled by fresh water of max 38°C</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Combustion System</strong></td>
<td>In-Line, 6-Cylinder</td>
</tr>
<tr>
<td><strong>Direct injection</strong></td>
<td>Electric Motor, 24 Volt - 6kW</td>
</tr>
<tr>
<td><strong>Cylinder Arrangement</strong></td>
<td>SAE Standard (Counter-Clockwise Viewed from Flywheel End)</td>
</tr>
<tr>
<td><strong>Bore x Stroke - inches (mm)</strong></td>
<td>SAE 14</td>
</tr>
<tr>
<td><strong>Total Displacement - in³ (lt)</strong></td>
<td>SAE #1</td>
</tr>
<tr>
<td><strong>Compression Ratio</strong></td>
<td>ASTM D975, No. 1-D, No. 2-D</td>
</tr>
<tr>
<td><strong>Rotation</strong></td>
<td>2889 (1310)</td>
</tr>
<tr>
<td><strong>Starting System</strong></td>
<td><strong>Output Marine Propulsion</strong></td>
</tr>
<tr>
<td><strong>Flywheel</strong></td>
<td>Heavy Duty</td>
</tr>
<tr>
<td><strong>Flywheel Housing</strong></td>
<td>HP (kWm) @ RPM</td>
</tr>
<tr>
<td><strong>Fuel Oil</strong></td>
<td>429 (320) @ 2000</td>
</tr>
<tr>
<td><strong>Dry Weight - lbs (kg)</strong></td>
<td></td>
</tr>
</tbody>
</table>

**EPA CERTIFIED**

---

**Outside Dimensions**

Dimensions in millimeters (1 inch = 25.4mm)

**Standard Engine Equipment**

**Fuel System**
Flexible fuel supply and return hoses, fuel feed pump, fuel filters, fuel injection pumps, fuel injection lines, fuel injectors, overflow valve

**Lubricating Oil System**
Wet type oil pan, oil pressure pump (gear driven), full-flow lubricating oil filters, by-pass filter, oil cooler with thermostat, piston cooling through oil injectors.

**Cooling System**
Fresh water pump, thermostats with bypass

**24-Volt Electric System Earth Floated**
Starter motor, battery charging alternator (35 amp), energize-to-stop (ETS) stop solenoid

**Air Intake and Exhaust System**
Mitsubishi turbocharger with vertical exhaust outlet, air inlet silencer with pre-cleaner, inlet air aftercooler or intercooler, inlet manifold, fresh water cooled exhaust manifold.

**General**
Mechanical governor, mounting brackets, SAE standard flywheel and housing, torsional vibration damper, parts catalog and owners manual

---

Specifications are subject to change without prior notice

Mitsubishi Engine, their respective logos as well as corporate and product identity used herein, are trademarks of Mitsubishi and may not be used without written permission.

Distributed By:

MLEMB 0910