Marine

**DIESEL ENGINE S60**

for fast vessels with high load factors (1B)

- **Engine type S60**
  - Rated power ICFN kW (bhp): 354 - 447 (475 - 600)
  - Speed rpm: 2100
  - No. of cylinders: 6, In-line
  - Bore/stroke mm (in): 133/168 (5.2/6.6)
  - Displacement, total l (cu in): 14.0 (855)
  - Description: Turbocharged and aftercooled
  - Governor: Electronic DDEC IV
  - Port model: 6062HK35 (HE) or HK33 (KC)
  - Starboard model: 6062HK34 (HE) or HK32 (KC)

- **Engine with marine gearbox**
  - Rated power ICFN kW (bhp): 354 - 447 (475 - 600)
  - Speed rpm: 2100
  - No. of cylinders: 6, In-line
  - Bore/stroke mm (in): 133/168 (5.2/6.6)
  - Displacement, total l (cu in): 14.0 (855)
  - Description: Turbocharged and aftercooled
  - Governor: Electronic DDEC IV
  - Port model: 6062HK35 (HE) or HK33 (KC)
  - Starboard model: 6062HK34 (HE) or HK32 (KC)

**Typical applications:** Fast commercial vessels, monohulls, hydrofoils and catamarans

Optional equipment and finishing shown. Standard may vary.
### Performance & fuel consumption

<table>
<thead>
<tr>
<th></th>
<th>S60</th>
<th>S60</th>
<th>S60</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speed</td>
<td>2100</td>
<td>2100</td>
<td>2100</td>
</tr>
<tr>
<td>Maximum power</td>
<td>354</td>
<td>399</td>
<td>447</td>
</tr>
<tr>
<td>(bhp)</td>
<td>(475)</td>
<td>(535)</td>
<td>(600)</td>
</tr>
<tr>
<td>Fuel consumption</td>
<td>206</td>
<td>206</td>
<td>210</td>
</tr>
<tr>
<td>g/kWh</td>
<td>86.7</td>
<td>98.4</td>
<td>113.2</td>
</tr>
<tr>
<td>l/h</td>
<td>22.9</td>
<td>26</td>
<td>29.9</td>
</tr>
<tr>
<td>gal/h</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Standard equipment
- **Diesel engine**
- **Fuel system**
- **Engine oil system**
- **Engine cooling system; heat exchanger (HE)**
- **Engine cooling system; keel cooled (KC) (6062 HK 32/33)**
- **Air inlet system**
- **Electrical**
- **Mounting system**
- **Marine gear**
- **Port/starboard; engine configuration**

### Optional equipment
- **Engine lube system**
- **Electrical**
- **Accessory drives**
- **Transmission**
- **Transmission options**
- **Exhaust**
- **Electric priming fuel pump**
- **Classification**

### Reference conditions:
- Power definition according ISO 3046
- Intake air temperature 25°C/Sea water temperature 25°C
- Rated power available up to 45°C/32°C
- Shaft power equal to rated power x 0.97

**1B – Diesel engines for fast vessels with high load factors**

**Standard load profile:**

<table>
<thead>
<tr>
<th>Power %</th>
<th>100</th>
<th>15</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time %</td>
<td>10</td>
<td>25</td>
</tr>
</tbody>
</table>

Specifications are subject to change without notice. All dimensions are approximate, for complete information refer to installations drawing. For further information consult your MTU distributor/dealer.

### Performance & fuel consumption

<table>
<thead>
<tr>
<th></th>
<th>1B</th>
<th>1B</th>
<th>1B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speed (rpm)</td>
<td>2100</td>
<td>2100</td>
<td>2100</td>
</tr>
<tr>
<td>Maximum power (kW)</td>
<td>354</td>
<td>399</td>
<td>447</td>
</tr>
<tr>
<td>(bhp)</td>
<td>(475)</td>
<td>(535)</td>
<td>(600)</td>
</tr>
<tr>
<td>Fuel consumption (g/kWh)</td>
<td>206</td>
<td>206</td>
<td>210</td>
</tr>
<tr>
<td>Air inlet filter</td>
<td>86.7</td>
<td>98.4</td>
<td>113.2</td>
</tr>
<tr>
<td>Air intake filter with silencer and attached on breather pipe</td>
<td>22.9</td>
<td>26</td>
<td>29.9</td>
</tr>
</tbody>
</table>

**Transmission shown represents standard option marine gear.**

### Transmission

<table>
<thead>
<tr>
<th></th>
<th>ICFN</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Power to ISO</td>
</tr>
<tr>
<td>C</td>
<td>Continuous power output</td>
</tr>
<tr>
<td>F</td>
<td>Fuel stop power</td>
</tr>
<tr>
<td>N</td>
<td>Available power: Accessories necessary for operation, engine driven</td>
</tr>
</tbody>
</table>

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