### N6.160 Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Power at crankshaft</strong></td>
<td>115 kW [154 hp]</td>
</tr>
<tr>
<td><strong>Displacement</strong></td>
<td>6.8 l [415 in³]</td>
</tr>
<tr>
<td><strong>Configuration</strong></td>
<td>6 cylinders in line</td>
</tr>
<tr>
<td><strong>Operation type</strong></td>
<td>4 strokes Diesel</td>
</tr>
<tr>
<td><strong>Bore &amp; Stroke</strong></td>
<td>106.4 x 127 mm [4.19 x 5 in]</td>
</tr>
<tr>
<td><strong>Compression ratio</strong></td>
<td>17 : 1</td>
</tr>
<tr>
<td><strong>Rated speed</strong></td>
<td>2300 rpm</td>
</tr>
<tr>
<td><strong>Idling speed</strong></td>
<td>650 rpm</td>
</tr>
<tr>
<td><strong>Peak torque</strong></td>
<td>435 Nm</td>
</tr>
<tr>
<td><strong>Engine base</strong></td>
<td>John Deere</td>
</tr>
<tr>
<td><strong>Fuel system</strong></td>
<td>Direct injection</td>
</tr>
<tr>
<td><strong>Air intake</strong></td>
<td>Turbocharged</td>
</tr>
<tr>
<td><strong>Cooling</strong></td>
<td>Closed cooling with heat exchanger</td>
</tr>
<tr>
<td><strong>Max mounting angle</strong></td>
<td>0° Front down, 9° Front up</td>
</tr>
<tr>
<td><strong>Alternator</strong></td>
<td>24 Volt, 50 Amp</td>
</tr>
<tr>
<td><strong>Rating</strong></td>
<td>M1</td>
</tr>
<tr>
<td><strong>Dry weight</strong></td>
<td>578 kg [1274 lbs]</td>
</tr>
<tr>
<td><strong>Peak storque speed</strong></td>
<td>1800 rpm</td>
</tr>
</tbody>
</table>
**TECHNICAL DESCRIPTION**

**ENGINE BLOCK**
- Replaceable wet-type cylinder liners
- Watercooled exhaust manifold

**FUEL SYSTEM**
- Fuel filter
- Direct injection, mechanical governor

**LUBRICATION SYSTEM**
- Replaceable full-flow oil filter
- Oil dipstick
- Oil cooler

**COOLING SYSTEM**
- Closed cooling with heat exchanger
- Gear driven self-priming raw water pump
- Coolant circulating pump
- Water cooled exhaust elbow

**ELECTRICAL SYSTEM & INSTRUMENTATION**
- 24V / 50A alternator
- 24V starter motor
- Complete instrumentation including key switch and alarms
- Extension cable harness with plug-and-play

**AIR INTAKE**
- Turbocharged

**OTHER FEATURES**
- Flywheel SAE 3
- Flexible engine mounting
- Damper pulley

**OPTIONAL SYSTEMS & ACCESSORIES**
- Keel cooling adaptation
- Dry exhaust elbow
- Complete marine propulsion systems
- Marine transmission adaptation kits
- Throttle and shift controls
- Additional instrumentation, Flying bridge extension harness
- Rigid engine mounting
- Power take off
- Type approval

**RATINGS**
- 24 daily operating hours
- Load factor up to 65%
- Uninterrupted full power

**TRANSMISSIONS**
- Contact your Nanni representative for more details and availability about transmissions types and models range.

**PERFORMANCE CURVES**

**POWER AT CRANKSHAFT**

**TORQUE AT CRANKSHAFT**

**FUEL CONSUMPTION**

**DIMENSIONS**

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