# N2.10 SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power at crankshaft</td>
<td>7.36 kW [10 hp]</td>
</tr>
<tr>
<td>Displacement</td>
<td>0.479 l [29 in³]</td>
</tr>
<tr>
<td>Configuration</td>
<td>2 cylinders in line</td>
</tr>
<tr>
<td>Operation type</td>
<td>4 strokes Diesel</td>
</tr>
<tr>
<td>Bore &amp; Stroke</td>
<td>67 x 68 mm [2.64 x 2.68 in]</td>
</tr>
<tr>
<td>Compression ratio</td>
<td>23.5 : 1</td>
</tr>
<tr>
<td>Rated speed</td>
<td>3000 rpm</td>
</tr>
<tr>
<td>Idling speed</td>
<td>1050 rpm</td>
</tr>
<tr>
<td>Peak torque</td>
<td>24.4 Nm</td>
</tr>
<tr>
<td>Peak torque speed</td>
<td>2600 rpm</td>
</tr>
<tr>
<td>Engine base</td>
<td>Kubota</td>
</tr>
<tr>
<td>Fuel system</td>
<td>Mechanical Indirect injection</td>
</tr>
<tr>
<td>Air intake</td>
<td>Natural</td>
</tr>
<tr>
<td>Cooling</td>
<td>Closed cooling with heat exchanger</td>
</tr>
<tr>
<td>Max mounting angle</td>
<td>15° Front down</td>
</tr>
<tr>
<td></td>
<td>15° Front up</td>
</tr>
<tr>
<td>Alternator</td>
<td>12 Volt</td>
</tr>
<tr>
<td></td>
<td>40 Amp</td>
</tr>
<tr>
<td>Rating</td>
<td>M5</td>
</tr>
<tr>
<td>Emission compliance</td>
<td>EPA marine Tier 3</td>
</tr>
<tr>
<td></td>
<td>RCD 2013/53/EU</td>
</tr>
<tr>
<td></td>
<td>BSO2</td>
</tr>
<tr>
<td>Dry weight</td>
<td>87 kg [191 lbs]</td>
</tr>
<tr>
<td></td>
<td>123 kg [271 lbs]</td>
</tr>
</tbody>
</table>

*Images of a Nanni propulsion engine are shown.*
N2.10
7.36 kW [10 hp] at 3000 rpm

TECHNICAL DESCRIPTION

ENGINE BLOCK
- 2 Cylinders in line
- Gear driven valve train
- Watercooled exhaust manifold

FUEL SYSTEM
- Mechanical governor
- Cam driven in-line injection pump
- Fuel feed pump with hand primer
- Fuel filter

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

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

ELECTRICAL SYSTEM & INSTRUMENTATION
- 12 V Electrical system
- 12 V / 40 A alternator
- Electric starter motor
- Instrumentation (Start/stop panel & alarms)

AIR INTAKE
- Mounted air cleaner

OTHER FEATURES
- Flexible engine mounting
- Mechanical stop function
- Bracket for control cables

OPTIONAL EQUIPMENTS & ACCESSORIES
- Keel cooling adaptation
- Complete marine propulsion systems
- Throttle and shift controls
- Oil drain pump
- Polyester frame (for Sail Drive version)
- Engine mounting adaptation
- Water boiler systems
- Stuffing box connections
- Complete fuel systems
- Complete exhaust systems

RATINGS
- Up to 1000 hours per year
- Load factor up to 35%
- Full power for no more than 30 minutes out of each 8 hours of operation. The remaining time must be at, or below cruising speed

TRANSMISSIONS

SHAFT LINE
- TMC40

SAIL DRIVE
- Sail Drive SP60
- 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 WITH SP60 / TMC40

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