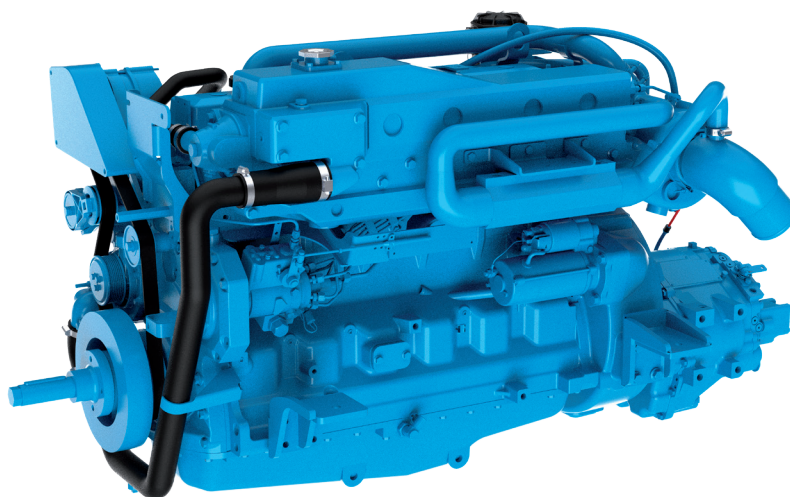


N6.180

SPECIFICATIONS



Power at crankshaft	131 kW [175 hp]
Displacement	6.8 l [415 in ³]
Configuration	6 cylinders in line
Operation type	4 strokes Diesel
Bore & Stroke	106.4 x 127 mm [4.19 x 5 in]
Compression ratio	17 : 1
Rated speed	2400 rpm
Idling speed	650 rpm
Peak torque	688 Nm

Engine base	John Deere
Fuel system	Direct injection Mechanical governor
Air intake	Turbocharged
Cooling	Closed cooling with heat exchanger
Max mounting angle	0° Front down 9° Front up
Alternator	24 Volt 50 Amp
Rating	M2
Dry weight	730 kg [1609 lbs]
Peak storque speed	1800 rpm

N6.180

131 kW [175 hp] at 2400 rpm

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

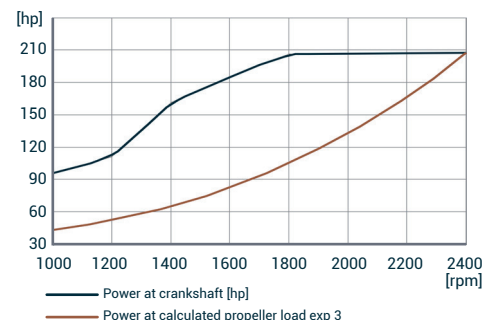
- Up to 5000 annual operating hours
- Load factor up to 65%
- Full power for no more than 16 hours out of 24 hours of operation. The remaining operation time must be at or below cruising speed

TRANSMISSIONS

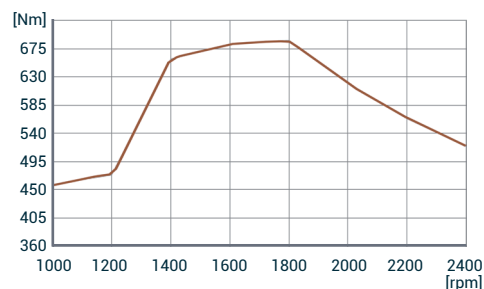
- Contact your Nanni representative for more details and availability about transmissions types and models range.

PERFORMANCE CURVES

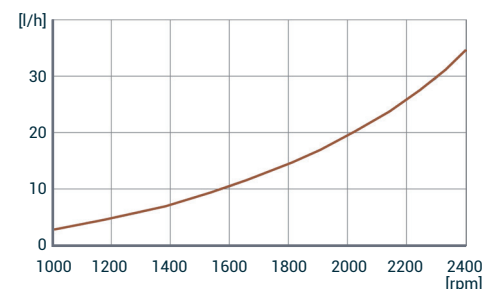
POWER AT CRANKSHAFT



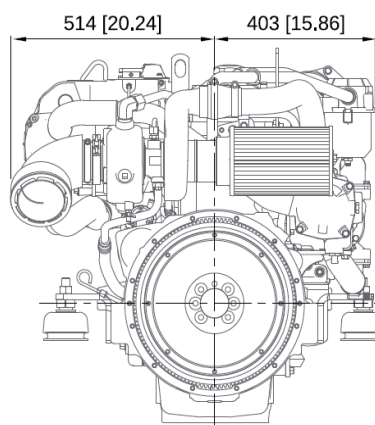
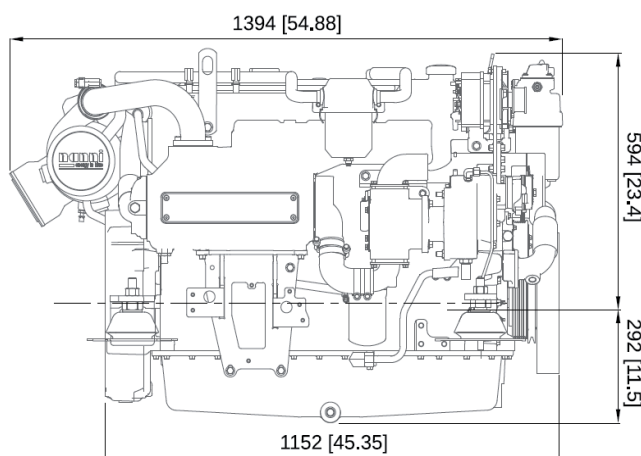
TORQUE AT CRANKSHAFT



FUEL CONSUMPTION



DIMENSIONS



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