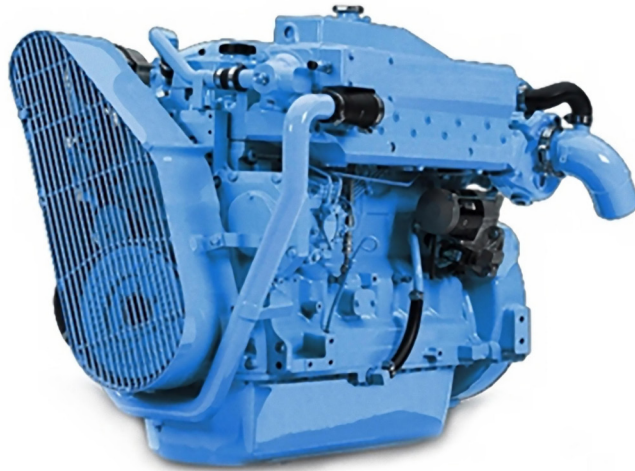


N6.180

Specifications



Power at crankshaft	131 kW [175 hp]	Engine base	John Deere
Displacement	6.8 l [415 in ³]	Fuel system	Direct injection Mechanical governor
Configuration	6 cylinders in line	Air intake	Turbocharged
Operation type	4 stroke Diesel	Cooling	Closed cooling with heat exchanger
Bore & Stroke	106.4 x 127 mm [4.19 x 5 in]	Max mounting angle	0° Front down 9° Front up
Compression ratio	17:1	Alternator	24 Volt 50 Amp
Rated speed	2400 rpm	Rating	M2
Idling speed	650 rpm		
Peak torque	688 Nm		
Peak torque speed	1800 rpm		
Dry weight	730 kg [1609 lbs]		

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-in connection

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

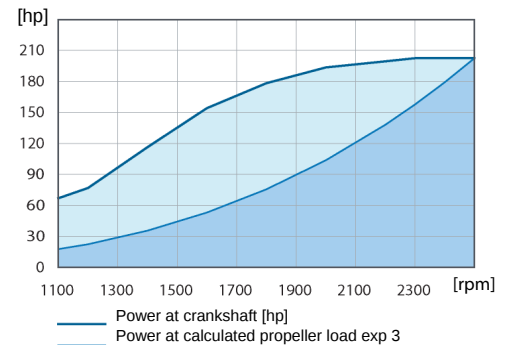
- Up to 5000 annual operating hours
- Load factor up to 65%
- Full power for no more than 16 hours out of 24 hours of operation. The remaining operation time must be at or below cruising speed.

TRANSMISSIONS

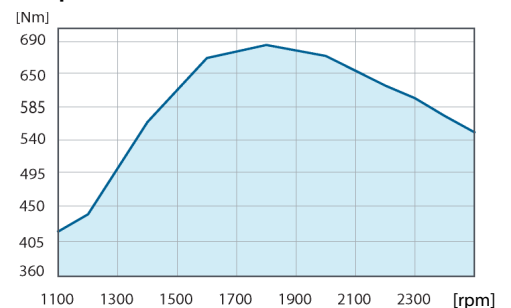
- Contact your Nanni representative for more details and availability about transmissions types and models range

PERFORMANCE CURVES

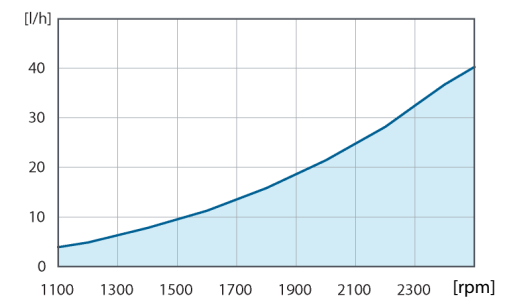
Power at crankshaft



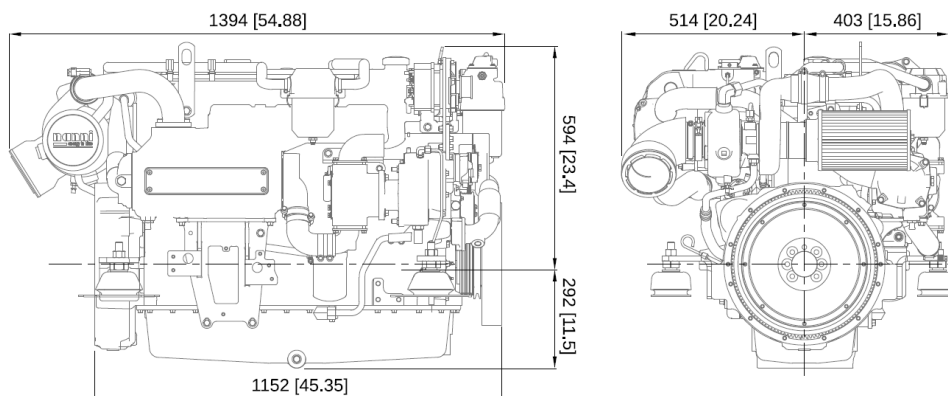
Torque at crankshaft



Fuel consumption



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Technical data according to ISO 8665. Specifications are subject to change without notice. Images and illustrations may show non standard equipments. All combination of equipment & accessory are not available.

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