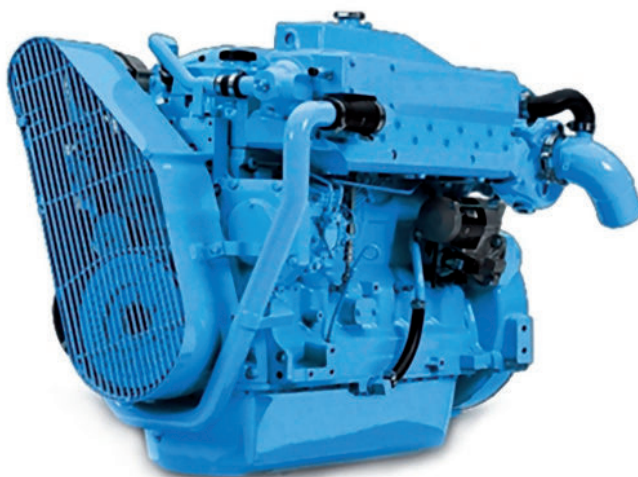


# N6.180

## SPECIFICATIONS



Power at crankshaft	131 kW [175 hp]	Engine base	John Deere
Displacement	6.8 l [415 in³]	Fuel system	Direct injection Mechanical governor
Configuration	6 cylinders in line	Air intake	Turbocharged
Operation type	4 strokes 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	Dry weight	730 kg [1609 lbs]
Peak torque	688 Nm	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

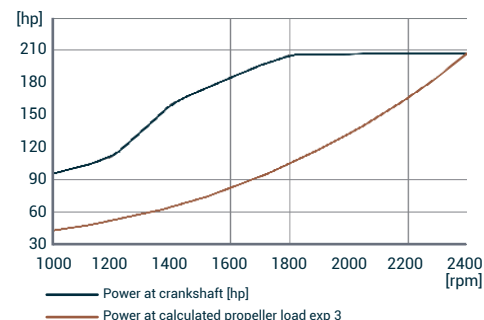
- Up to 5000 annual operating hours
- Load factor up to 65%
- Full power for no more than 16 hours out of 24 hours of operation. The remaining operation time must be at or below cruising speed

## TRANSMISSIONS

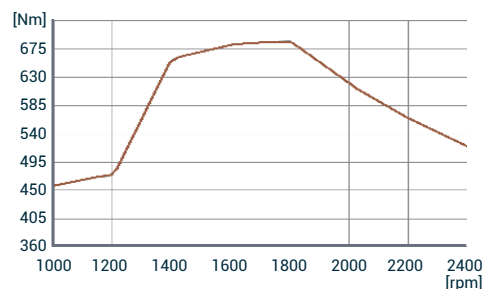
- Contact your Nanni representative for more details and availability about transmissions types and models range.

## PERFORMANCE CURVES

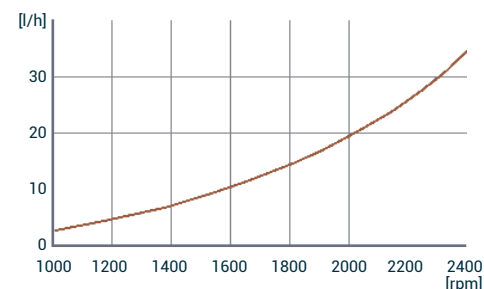
### POWER AT CRANKSHAFT



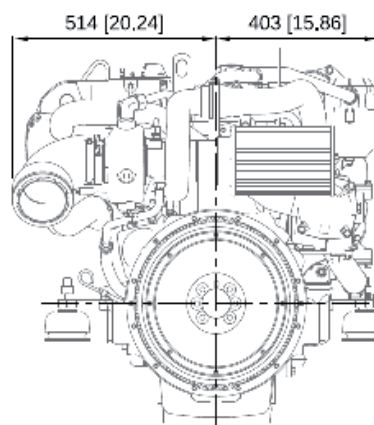
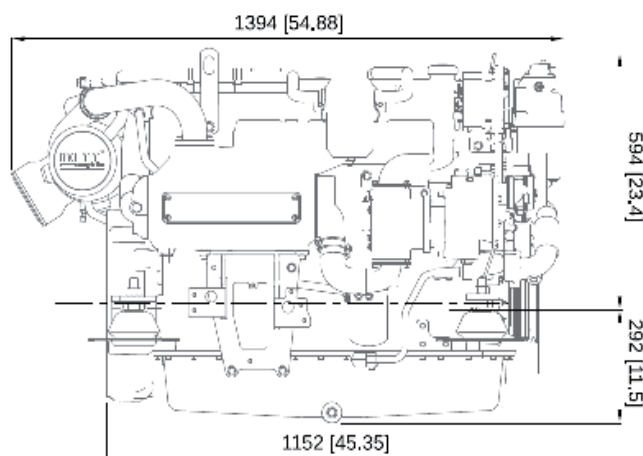
### TORQUE AT CRANKSHAFT



### FUEL CONSUMPTION



## DIMENSIONS



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