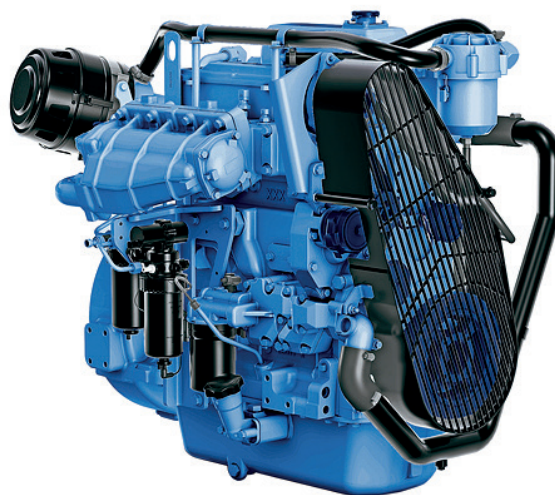


N5.180 CR2

Specifications



| | |
|---------------------|------------------------------|
| Power at crankshaft | 134 kW [182 hp] |
| Displacement | 4.5 l [275 in ³] |
| Configuration | 4 cylinders in line |
| Operation type | 4 stroke Diesel |
| Bore & Stroke | 106.4 x 127 mm [4.19 x 5 in] |
| Compression ratio | 16,7:1 |
| Rated speed | 2400 rpm |
| Idling speed | 600 rpm |
| Peak torque | 639.8 Nm |
| Peak torque speed | 2000 rpm |
| Dry weight | 578 kg [1274 lbs] |

| | |
|---------------------|--|
| Engine base | John Deere |
| Fuel system | Direct injection High pressure Common Rail Electronically controlled |
| Air intake | Turbocharged Air-to-seawater aftercooler |
| Cooling | Closed cooling with heat exchanger |
| Max mounting angle | 0° Front up 12° Front down |
| Alternator | 24 Volt 50 Amp |
| Rating | M2 |
| Emission compliance | IMO Annex VI compliant EPA marine Tier 3 NRMM 97/68/EC |

N5.180 CR2

134 kW [182 hp] at 2400 rpm

TECHNICAL DESCRIPTION

Engine block

- Replaceable wet-type cylinder liners
- 4 valves per cylinder
- Watercooled exhaust manifold

Fuel system

- Common Rail fuel injection system
- Fuel heater
- Primary & secondary fuel filter

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
- 24 Volt starter motor
- Complete instrumentation including key switch and alarms
- Extension cable harness with plug-in connection

Air intake

- Turbocharged
- Air-to-Coolant aftercooler

Other features

- Flywheel SAE 3
- Internal balancers
- Flexible engine mounting

Optional equipment & 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

RATING

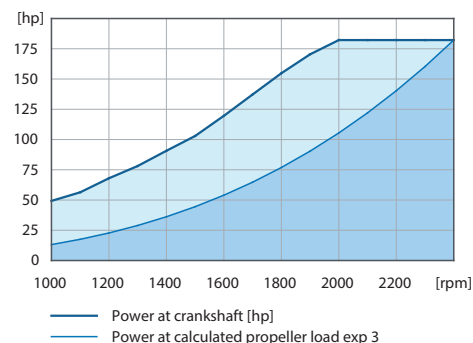
- Up to 5000 annual operating hours
- Load factor up to 65%
- Full power for no more than 16 hours out of each 24 hours of operation. The remaining operation time must be at or below cruising speed

TRANSMISSIONS

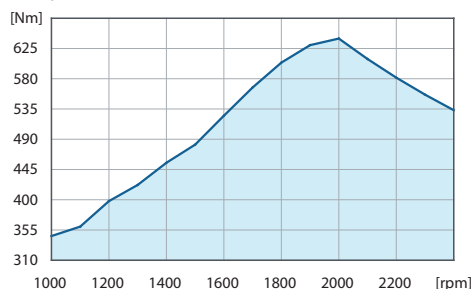
Contact your local dealer for more details and availability for transmission model and type.

PERFORMANCE CURVES

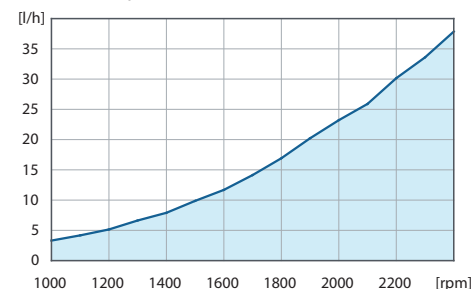
Power at crankshaft



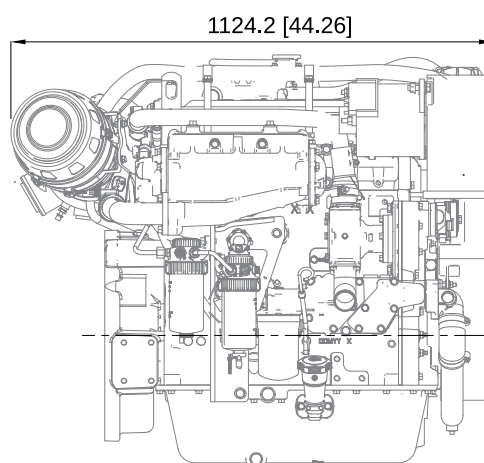
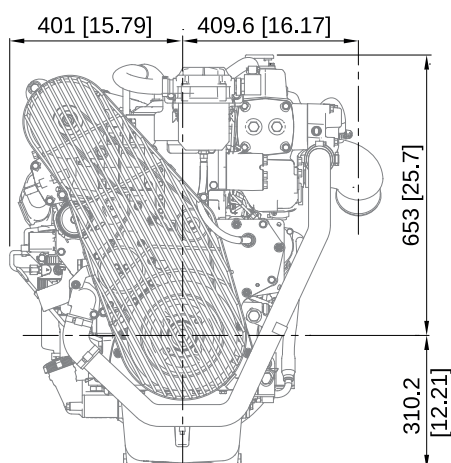
Torque at crankshaft



Fuel consumption



DIMENSIONS BOBTAIL



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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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