

# N9.600 CR2

## Specifications

|                     |                                 |
|---------------------|---------------------------------|
| Power at crankshaft | 410 kW [557 hp]                 |
| Displacement        | 9 l [549 in <sup>3</sup> ]      |
| Configuration       | 6 cylinders in line             |
| Operation type      | 4 stroke Diesel                 |
| Bore & Stroke       | 118.4 x 136 mm [4.66 x 5.35 in] |
| Compression ratio   | 16,3:1                          |
| Rated speed         | 2500 rpm                        |
| Idling speed        | 650 rpm                         |
| Peak torque         | 1966 Nm                         |
| Peak torque speed   | 1900 rpm                        |
| Dry weight          | 948 kg [2089 lbs]               |

|                     |   |
|---------------------|---|
| Engine base         | John Deere  |
| Fuel system         | Direct injection<br>High pressure Common Rail<br>Electronically controlled    |
| Air intake          | Turbocharged<br>Air-to-seawater aftercooler                                   |
| Cooling             | Closed cooling with heat exchanger  |
| Max mounting angle  | 0° Front up<br>12° Front down   |
| Alternator          | 24 Volt<br>100 Amp  |
| Rating              | M5  |
| Emission compliance | IMO Annex VI compliant<br>EPA marine Tier 3<br>NRMM 97/68/EC<br>RCD2013/53/EU |

# N9.600 CR2

410 kW [557 hp] at 2500 rpm

## TECHNICAL DESCRIPTION

### Engine block

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

### Fuel system

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

### 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 100A alternator
- 24 Volt starter motor
- Complete instrumentation including key switch and alarms
- Extension cable harness with plug-in connection

### Air intake

- Water cooled turbocharger
- Air-to-seawater aftercooler

### Other features

- Flywheel SAE 2
- Damper pulley
- 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
- Type approval

## RATING

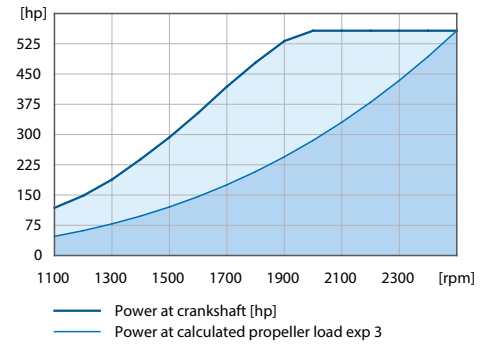
- Up to 1000 annual operating hours
- Load factor up to 35%
- Full power for no more than 30 minutes out of each 8 hours of operation. The remaining operation time must be at or below cruising speed

## TRANSMISSIONS

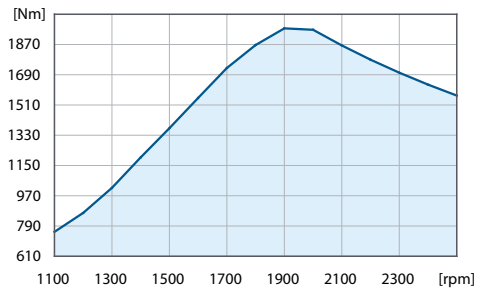
Contact your local dealer for more details and availability for transmission model and type.

## PERFORMANCE CURVES

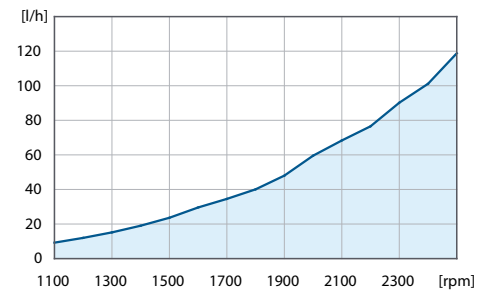
### Power at crankshaft



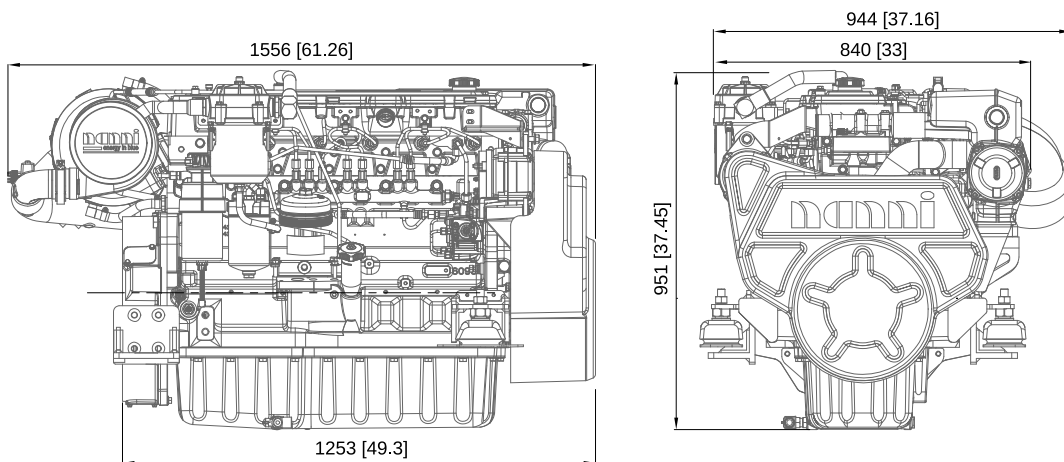
### Torque at crankshaft



### Fuel consumption



## DIMENSIONS BOBTAIL



**Nanni Industries S.A.S. France**  
11, Avenue Mariotte - Zone Industrielle  
33260 La Teste - France  
Tel: +33 (0)5 56 22 30 60  
Fax: +33 (0)5 56 22 30 79

**Nanni Trading S.R.L.**  
Via Degli Olmetti, 5/B  
00060 Formello (RM) - Italia  
Tel: +39 06 30 88 42 51/52/53  
Fax: +39 06 30 88 42 54

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.

20151118-A ENG