

# N6.285 CR2

## Specifications



<b>Power at crankshaft</b>	209 kW [284 hp]
<b>Displacement</b>	6.8 l [415 in <sup>3</sup> ]
<b>Configuration</b>	6 cylinders in line
<b>Operation type</b>	4 stroke Diesel
<b>Bore &amp; Stroke</b>	106.4 x 127 mm [4.19 x 5 in]
<b>Compression ratio</b>	16.3:1
<b>Rated speed</b>	2500 rpm
<b>Idling speed</b>	600 rpm
<b>Peak torque</b>	1100 Nm
<b>Peak torque speed</b>	1800 rpm
<b>Dry weight</b>	763kg [1682 lbs]

<b>Engine base</b>	John Deere
<b>Fuel system</b>	Direct injection High pressure Common Rail Electronically controlled
<b>Air intake</b>	Turbocharged Air-to-Coolant aftercooler
<b>Cooling</b>	Closed cooling with heat exchanger
<b>Max mounting angle</b>	0° Front up 12° Front down
<b>Alternator</b>	24 Volt 50 Amp
<b>Rating</b>	M2
<b>Emission compliance</b>	IMO Annex VI compliant EPA marine Tier 3 NRMM 97/68/EC RCD2 2013/53/EU

# N6.285 CR2

209 kW [284 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
- ❑ Fuel heater
- ❑ 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 / 50A 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-Coolant aftercooler

### Other features

- ❑ Flywheel SAE 3
- ❑ 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

## RATING

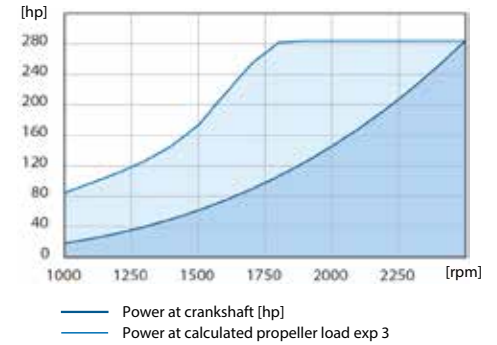
- ❑ Up to 5000 annual operating hours
- ❑ Load factor up to 65%
- ❑ Full power for no more than 4 hours out of each 16 hours of operation. The remaining operation time must be at or below cruising speed

## TRANSMISSIONS

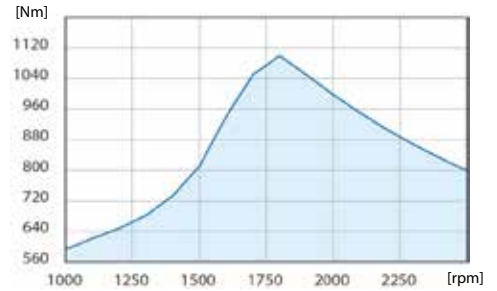
Contact your local dealer for more details and availability for transmission model and type.

## PERFORMANCE CURVES

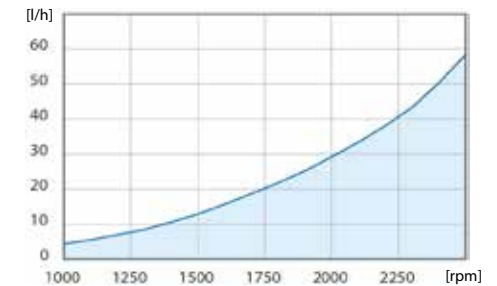
### Power at crankshaft



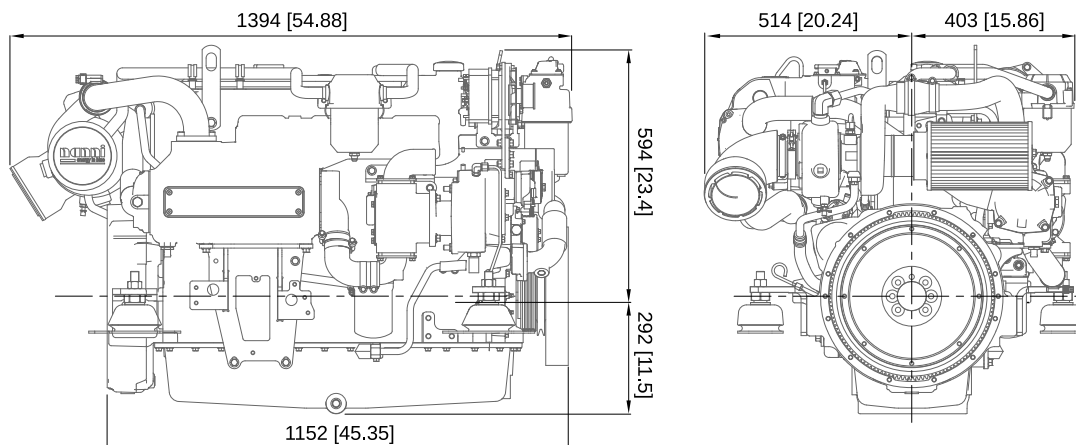
### Torque at crankshaft



### 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.

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