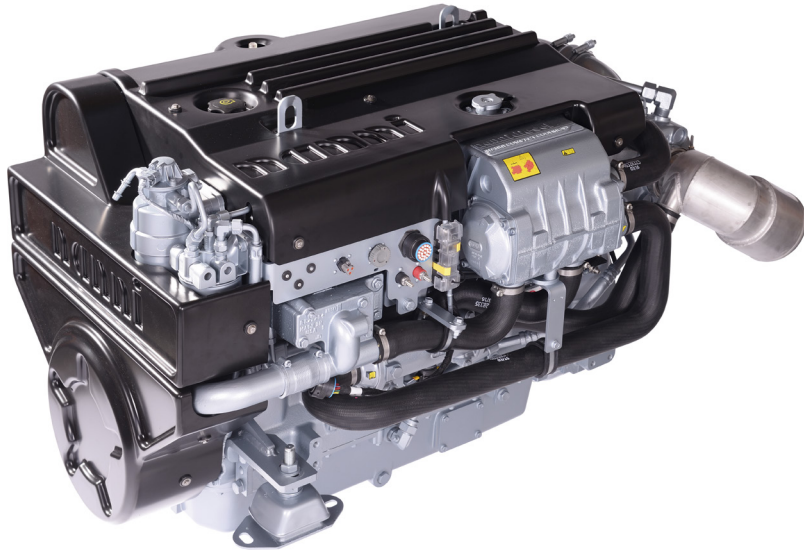


# N6.285 CR2

## Specifications



Power at crankshaft	209.4 kW [284 hp]	Engine base	John Deere
Displacement	6.8 l [415 in <sup>3</sup> ]	Fuel system	Direct injection High pressure Common Rail Electronically controlled
Configuration	6 cylinders in line	Air intake	Turbocharged Air-to-Coolant aftercooler
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	12° Front up 0° Front down
Compression ratio	16.3:1	Alternator	12 Volt 120 Amp
Rated speed	2500 rpm	Rating	M2
Idling speed	600 rpm	Emission compliance	IMO Annex VI Compliant EPA marine Tier 3 NRMM 97/68/EC RCD2 2013/53/EU
Peak torque	1100 Nm		
Peak torque speed	1800 rpm		
Dry weight	735 kg [1620.4 lbs]		

# 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

- 24 V / 50 A alternator
- 24 V Starter
- 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 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

## RATINGS

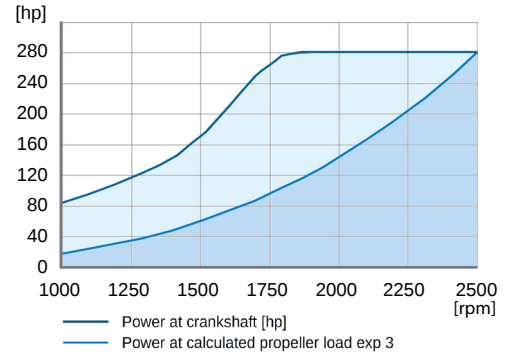
- Up to 5000 hours per year
- Load factor up to 65%
- Full power for no more than 16 hour out of each 24 hours of operation. The remaining time must be at, or below cruising speed.

## TRANSMISSIONS

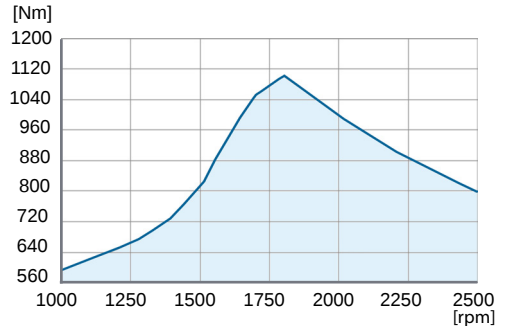
- Contact your Nanni representative for more details and availability about transmissions types and models range.

## PERFORMANCE CURVES

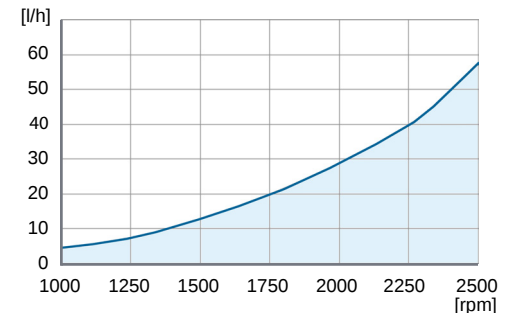
### Power at crankshaft



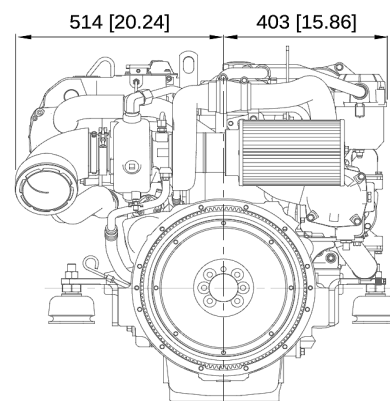
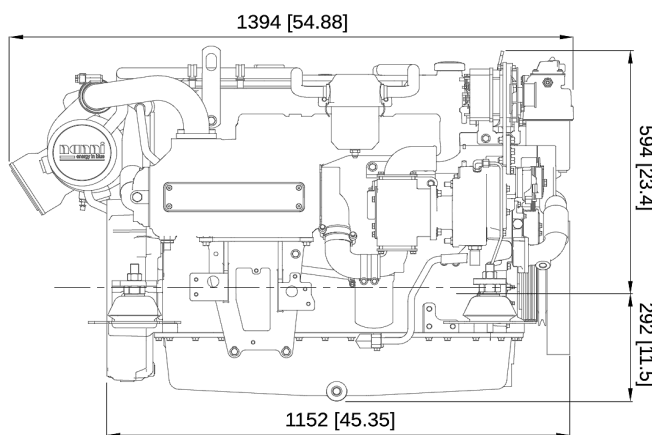
### Torque at crankshaft



### 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.

06-2017-A ENG