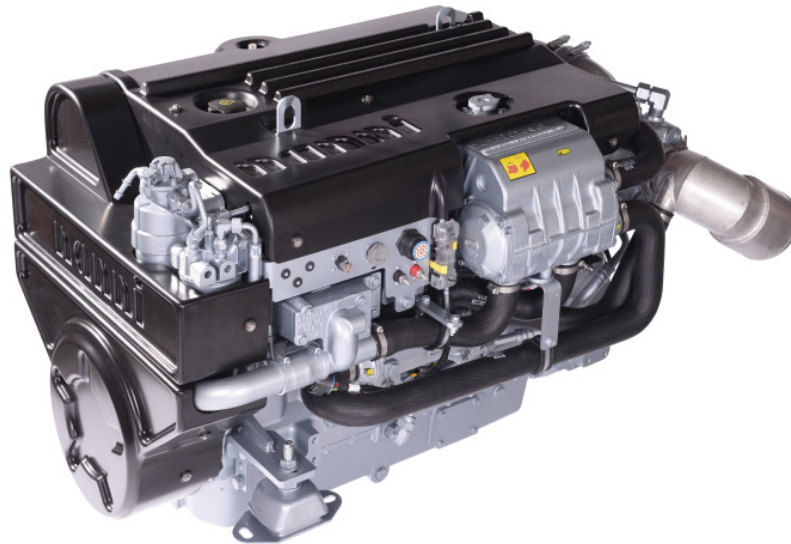


N6.405 CR2

Specifications



Power at crankshaft	298 kW [405 hp]	Engine base	John Deere
Displacement	6.8 l [275 in ³]	Fuel system	Direct injection High pressure Common Rail electronically controlled
Configuration	6 cylinders in line	Air intake	Turbocharged Air-to-seawater 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	0° Front down 12° Front up
Compression ratio	16.1:1	Alternator	24 Volt 50 Amp
Rated speed	2800 rpm	Rating	M5
Idling speed	600 rpm	Emission compliance	MO Annex VI compliant EPA marine Tier 3 NRMM 97/68/EC RCD2 2013/53/EU
Peak torque	1230 Nm		
Peak torque speed	2200 rpm		
Dry weight	735 kg [1620,4 lbs]		

N6.405 CR2

298 kW [405 hp] at 2800 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
- 24V starter motor
- Complete instrumentation including key switch and alarms
- Extension cable harness with plug-in connection

Air intake

- Turbocharged
- Air-to-seawater aftercooler

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

RATINGS

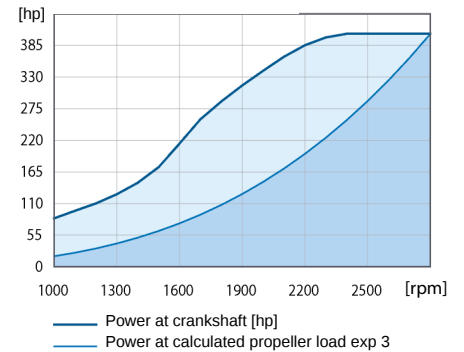
- Up to 1000 annual operating hours
- Load factor up to 35%
- Full power for no ore than 30 minutes out of each 8 hours of operation. The remaining operation time must be at or below cruising speed.

TRANSMISSIONS

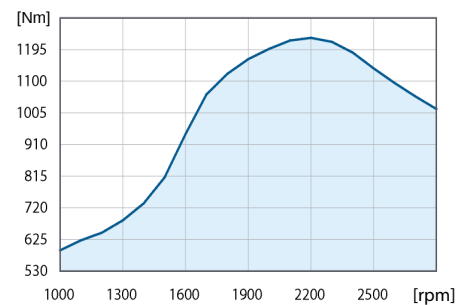
- Contact your Nanni representative for more details and availability about transmissions types and models range

PERFORMANCE CURVES

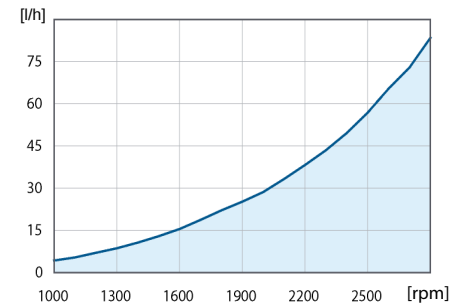
Power at crankshaft



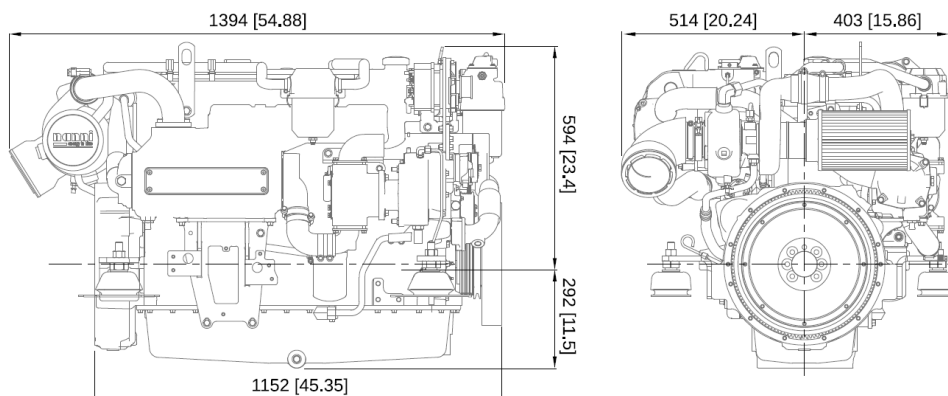
Fuel consumption



Torque at crankshaft



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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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