

# N6.405 CR2

## Specifications



|                     |                              |                     |   |
|---------------------|------------------------------|---------------------|---|
| Power at crankshaft | 298 kW [405 hp]              | Engine base         | John Deere  |
| Displacement        | 6.8 l [415 in <sup>3</sup> ] | Fuel system         | Direct injection<br>High pressure Common Rail<br>Electronically controlled    |
| Configuration       | 6 cylinders in line          | Air intake          | Turbocharged<br>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 up<br>12° Front down   |
| Compression ratio   | 16,3:1                       | Alternator          | 24 Volt<br>50 Amp   |
| Rated speed         | 2800 rpm                     | Rating              | M5  |
| Idling speed        | 600 rpm                      | Emission compliance | IMO Annex VI compliant<br>EPA marine Tier 3<br>NRMM 97/68/EC<br>RCD2013/53/EU |
| Peak torque         | 1230 Nm                      |                     |   |
| Peak torque speed   | 2200 rpm                     |                     |   |
| Dry weight          | 735 kg [1620 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
- 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 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

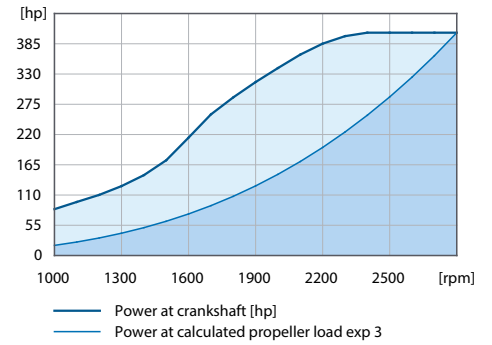
- Up to 1000 annual operating hours
- Load factor up to 35%
- Full power for no more than 30 minutes out of each 8 hours of operation. The remaining operation time must be at or below cruising speed

## TRANSMISSIONS

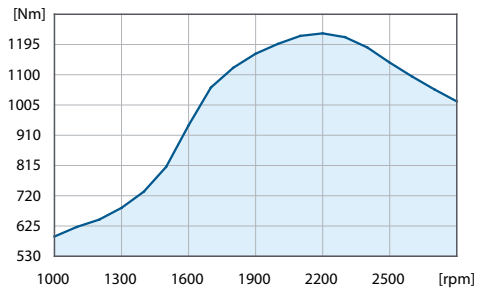
Contact your local dealer for more details and availability for transmission model and type.

## PERFORMANCE CURVES

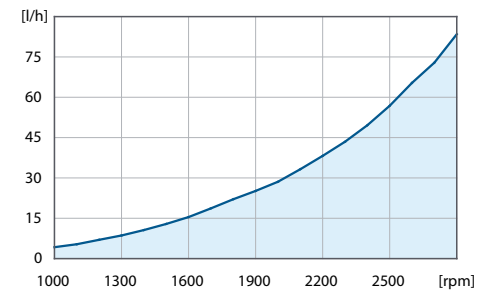
### Power at crankshaft



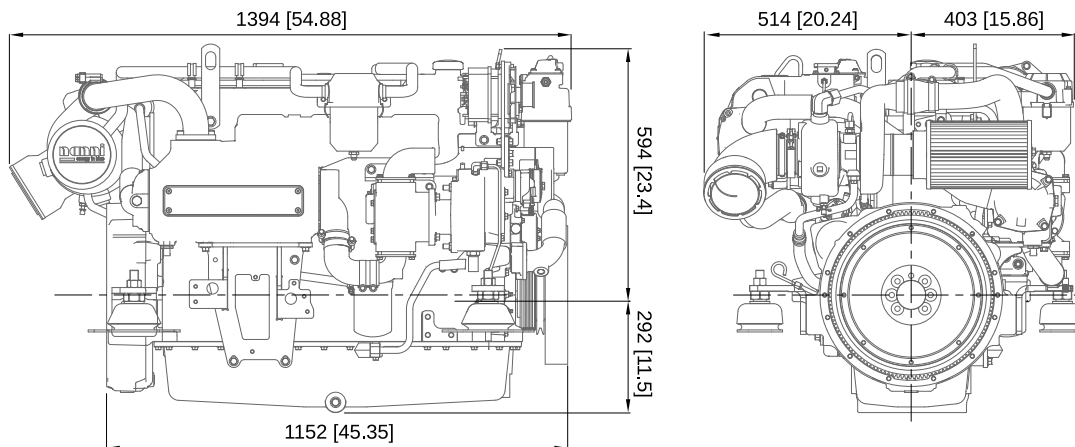
### Torque at crankshaft



### 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.

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