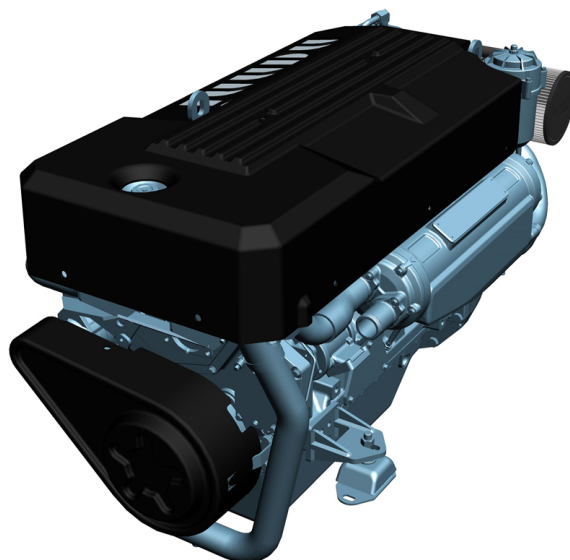


N13.370 CR1

Specifications



Power at crankshaft	272 kW [370 hp]
Displacement	13.6 l [830 in ³]
Configuration	6 cylinders in line
Operation type	4 stroke Diesel
Bore & Stroke	132 x 165 mm [5.2 x 6.5 in]
Compression ratio	16:1
Rated speed	1800 rpm
Idling speed	600 rpm
Peak torque	1998 Nm
Peak torque speed	1300 rpm
Dry weight	1380 kg [3042 lbs]

Engine base	John Deere
Fuel system	Electronically controlled unit injectors
Air intake	Turbocharged Air-to-Coolant aftercooler
Cooling	Closed cooling with heat exchanger
Max mounting angle	0° Front up 12° Front down
Alternator	24 Volt 100 Amp
Rating	M1
Emission compliance	IMO Annex VI compliant EPA marine Tier 3 NRMM 97/68/EC

N13.370 CR1

272 kW [370 hp] at 1800 rpm

TECHNICAL DESCRIPTION

Engine block

- Replaceable wet-type cylinder liners
- 4 valves per cylinder
- Directed top-liner cooling
- Watercooled exhaust manifold

Fuel system

- Electronically controlled unit injectors
- Primary & secondary fuel filter

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-Coolant aftercooler

Other features

- Flywheel SAE 1
- 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

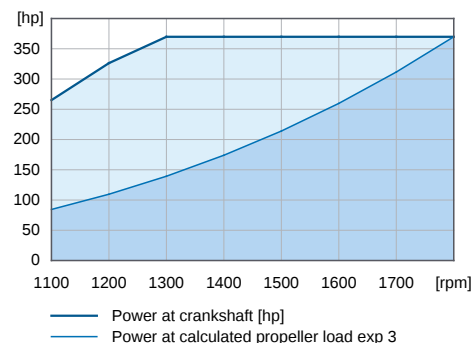
- 24 daily operating hours
- Load factor over 65%
- Uninterrupted full power

TRANSMISSIONS

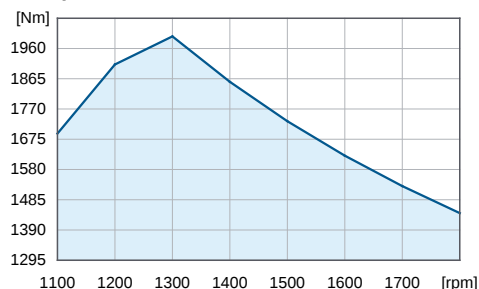
Contact your local dealer for more details and availability for transmission model and type.

PERFORMANCE CURVES

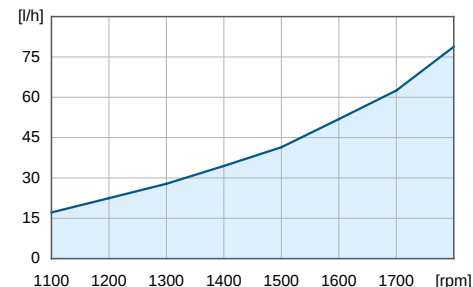
Power at crankshaft



Torque at crankshaft



Fuel consumption



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-B ENG