

N16.1200 CR3

SPECIFICATIONS



| | | | |
|---------------------|----------------------------------|---------------------|--|
| Power at crankshaft | 882 kW [1200 hp] | Engine base | Scania |
| Displacement | 16.4 l [1000.8 in ³] | Fuel system | Extra High Pressure Injection (XPI) |
| Configuration | 8 cylinders in V | Air intake | Twin turbocharged with air-to-seawater aftercooler |
| Operation type | 4 stroke Diesel | Cooling | Closed cooling with heat exchanger and aftercooler |
| Bore & Stroke | 130 x 154 mm [5.1 x 6.1 in] | Max mounting angle | 12° Front up 12° Front down |
| Compression ratio | 15.7 : 1 | Alternator | 24 Volt 100 Amp |
| Rated speed | 2300 rpm | Rating | M6.S |
| Idling speed | 600 rpm | Emission compliance | IMO Tier II NRMM 97/68/EC |
| Peak torque | 4139 Nm | Dry weight | 1660 kg [3659.7 lbs] |
| Peak torque speed | 1700 rpm | | |

N16.1200 CR3

882 kW [1200 hp] at 2300 rpm

TECHNICAL DESCRIPTION

ENGINE BLOCK

- Extra high pressure fuel injection system, XPI
- Twin Turbochargers
- Protection covers

FUEL SYSTEM

- Scania Engine Management System, EMS
- Fuel pre-filter with water separator
- Fuel filter

LUBRICATION SYSTEM

- Oil filter, full flow
- Centrifugal oil cleaner
- Oil cooler, integrated in block
- Oil draining with plug
- Shallow oil sump
- Oil dipstick

COOLING SYSTEM

- Sea water pump

ELECTRICAL SYSTEM & INSTRUMENTATION

- Starter, 2-pole 7.0 kW
- Alternator, 2-pole 24V / 100A

OTHER FEATURES

- Flywheel SAE 14"
- Silumin flywheel housing, SAE 1 flange
- Front-and-rear mounted engine brackets
- Closed crankcase ventilation
- Air cleaners
- Flexible engine mounts
- Damper

OPTIONAL SYSTEMS & ACCESSORIES

- Predisposition for SAE B hydraulic pump
- Axial front PTO
- Exhaust connections
- Cabin heater
- Rigid mounts
- Oil draining pump
- Oil level sensor
- Bilge pump

RATINGS

M6.S

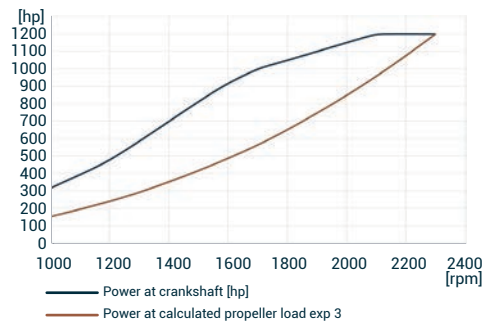
- Up to 500 hours per year
- Load factor up to 50%
- Full power for no more than 1 hour out of each 12 hours of operation.

TRANSMISSIONS

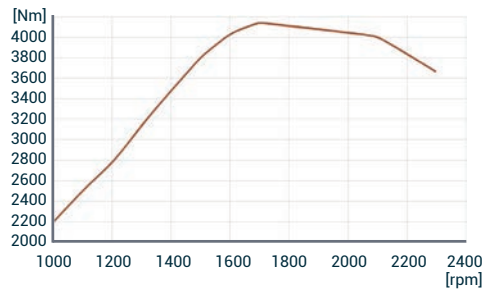
- Contact your Nanni representative for more details and availability about transmissions types and models range.

PERFORMANCE CURVES

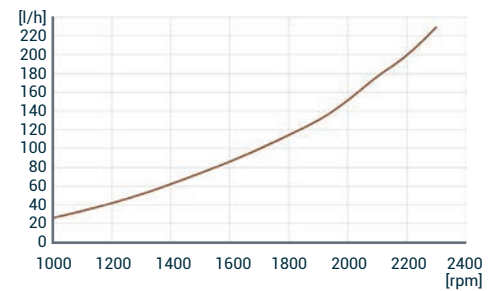
POWER AT CRANKSHAFT



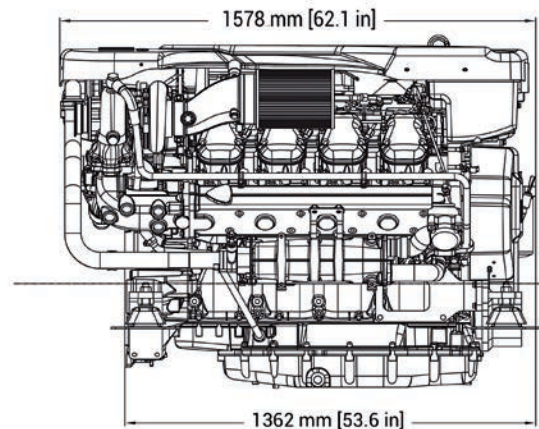
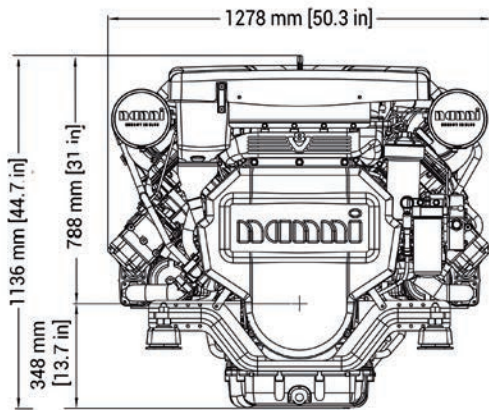
TORQUE AT CRANKSHAFT



FUEL CONSUMPTION



DIMENSIONS



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