# N16.1200 CR3 SPECIFICATIONS

**Power at crankshaft**: 882 kW [1200 hp]

**Displacement**: 16.4 l [1000.8 in³]

**Configuration**: 8 cylinders in V

**Operation type**: 4 stroke Diesel

**Bore & Stroke**: 130 x 154 mm [5.1 x 6.1 in]

**Compression ratio**: 15.7 : 1

**Rated speed**: 2300 rpm

**Idling speed**: 600 rpm

**Peak torque**: 4139 Nm

**Peak storque speed**: 1700 rpm

**Engine base**: Scania

**Fuel system**: Extra High Pressure Injection (XPI)

**Air intake**: Twin turbocharged with air-to-seawater aftercooler

**Cooling**: Closed cooling with heat exchanger and aftercooler

**Max mounting angle**: 12° Front up, 12° Front down

**Alternator**: 24 Volt 100 Amp

**Rating**: M6.5

**Emission compliance**: IMO Tier II NRMM 97/68/EC

**Dry weight**: 1660 kg [3659.7 lbs]
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.

DIMENSIONS

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