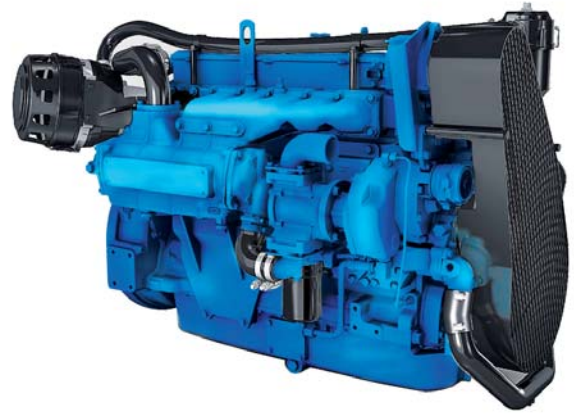




N6 series

6.8l Marine engines
From 202 to 405 hp



General data

Engine base..... John Deere
Displacement [l-cu in]6.8 - 415
Compression ratio17.0:1
Bore [mm-in]106 - 4.17
Stroke [mm-in]127 - 5.00
Electrical system.....24V

Applications

- Recreational yachts, cruisers sport fishing boats.
- Crew boats, dive boats
- Light-duty commercial
- Rescue boats

Engine overview

Engine type 4 cycle Diesel, Direct Injection
Cylinders 6 cylinders in line
Engine block Replaceable Wet-type Cylinder Liners
Air Intake Turbocharged with air-to-seawater or air-to-coolant
Engine cooling Heat exchanger or Keel Cooled

Features and benefits

High Torque and Low Rated RPM

- Enables the engine to turn larger propellers at lower speed for best efficiency
- Excellent vessel control and maneuvering
- Lower rated rpm limits vibration and noise for better crew comfort

Replaceable Wet-type Cylinder Liners

- Excellent heat dissipation
- Hardened and precision machined for long life
- Rebuild to original specifications

Corrosion Resistant Components

- Provides engine protection from the effects of seawater

Heat exchanger or Keel Cooled

- High-capacity heat exchanger designed for reliable operation in adverse conditions
- Integrated expansion tank, heat exchanger and exhaust manifold reduce chances of leaks
- Heat exchanger or Keel cooler options provide application flexibility

Either-side Service

- Oil fill and dipstick combinations
- Remote oil filter for easier service access
- Application and service flexibility to provide installation convenience plus fast and easy maintenance

N6 series

Performance & ratings



	Ratings	Fuel Injection System	Rated Power [kW]	Rated Power [hp]	Rated Speed [rpm]	Peak Torque [Nm]	Peak Torque Speed [rpm]	Fuel consumption [l/h]	Emissions
N6.200	M3	Mechanical	149	202	2500	718	1800	41	
N6.240 E	M3	EDC	176	239	2400	914	1600	45.5	1, 4
N6.270 E	M4	EDC	199	270	2500	975	1800	51.6	1, 4
N6.300 E	M5	EDC	224	304	2600	1005	2000	59.1	1, 4
N6.300 CR2	M3	HPCR	224	304	2500	1095	1900	65	1, 4
N6.325 CR2	M3	HPCR	239	325	2600	1137	1900	63	1, 3, 4
N6.360 CR2	M4	HPCR	265	360	2700	1182	2000	69	1, 3, 4
N6.405 CR2	M5	HPCR	298	405	2800	1230	2000	81.3	1, 3, 4

Emission: [1.Marpol Annex IV compliant], [1A.Marpol Annex IV exempt], [2.EPA Marine Tier 2], [3.EPA Marine Tier 3], [4.NRMM 97/68/EC as amended],

Ratings definition

The rating definitions are provided as a guide to help in the selection of the engine that best fits the application requirements. Consult your Nanni representative to verify the optimal rating for your specific application.

Rating	Operating hours	Load factor ¹	Duty cycle ²
M1	24 hours per day	Over 65%	Uninterrupted full power
M2	3000 to 5000 per year	Up to 65%	Full power for no more than 16 hours out of each 24 hours of operation
M3	2000 to 4000 per year	Up to 50%	Full power for no more than 4 hours out of each 12 hours of operation
M4	1000 to 3000 per year	Up to 40%	Full power for no more than 1 hour out of each 12 hours of operation
M5	300 to 1000 per year	Up to 35%	Full power for no more than 30 minutes out of each 8 hours of operation

¹ Load factor: Fuel burned over a period of time divided by the full-power fuel consumption for the same period of time.

² The remaining time of operation must be at or below cruising speeds.

Contact your local Nanni dealer for more information regarding Nanni engines and optional equipment & accessories.

Specifications are subject to change without notice. All combination of optional equipment are not available. Photographs and illustrations may show non-standard equipments.
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