



MARINE DATA SHEET

N67 280

206 kW

**Our efficiency.
Your edge.**

SPECIFICATIONS

Thermodynamic cycle	Diesel 4 stroke
Air handling	TCA
Cylinders arrangement	6L
Bore x Stroke	104 x 132 mm
Total displacement	6.7 liters
Valves per cylinder	2
Cooling System	liquid
Direction of Rotation (viewed facing flywheel)	CCW
Engine management	mechanical
Injection System	MPI

STANDARD CONFIGURATION

Flywheel housing	SAE 3
Flywheel size	11" $\frac{1}{2}$
Air filter	rear side
Turbocharger	Fixed Geometry (water cooled) Turbo with Aftercooler (TCA)
Heat exchanger	tube type
Exhaust gas water mixer - Exhaust cooled elbow	-
Water charge tank	included
Fuel filter	1 - left side
Fuel prefilter	included (loose)
Fuel pump	included
Oil filter	1 - right side
Oil sump	aluminium
Oil vapours blowby circuit	rear
Oil heat exchanger	built in the crankcase
Oil filler	on timing cover frontward
Starter	12 V - 3 kW
Alternator	12 V - 90 A
Engine stop device	electrical excitation
Wiring harness	engine wiring
Painting color	white "ICE"

Legend

Arrangement

L In line
V 90° "V" configuration

Air Handling

TCA Turbocharged with aftercooler
TC Turbocharged
NA Naturally Aspirated

Turbocharger

WG Wastegate
VGT Variable Geometry Turbocharger
TST Twin Stage Turbocharger

Exhaust System

EGR Exhaust Gas Recirculation
SCR Selective Catalytic Reduction

Injection System

M Mechanical
ECR Electronic Common Rail
EUI Electronic Unit Injector
MPI Multi Point Injection

WEIGHT AND DIMENSIONS

Dimensions*	(L**xWxH) 1072 x 749 x 800 mm
Dry Weight	605 Kg

* Dimensions can be changed according to engine options

** Length at flywheel

ELECTRICAL SYSTEM

Voltage	12 V
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NOT INCLUDED IN STANDARD CONFIGURATION

Battery - minimum capacity recommended	120 Ah
Battery - minimum cold cranking capacity recommended	900 Ah

RATING TYPE		A1	B	C	D
Maximum power [*]	kW(HP)	206 (280)	191 (260)	169 (230)	132 (180)
At speed	rpm	2800	2800	2800	2500
Maximum no load governed speed at max rating	rpm	3150	3150	3150	3150
Minimum idling speed	rpm	650	650	650	650
Mean piston speed at rated speed	m/s	12.3	12.3	12.3	11
BMEP at max power	bar	18.2	15.2	11.2	11.3
Specific fuel consumption at full load (best value)	g/kWh @ rpm	214 @ 2000	214 @ 2000	214 @ 2000	214 @ 2000
Oil consumption at max rating	(% of fuel cons.)	= 0.2	= 0.2	= 0.2	= 0.2
Minimum starting temperature without auxiliaries	°C	-15°	-15°	-15°	-15°
Oil and oil filter maintenance interval for replacement	hours	600	600	600	600

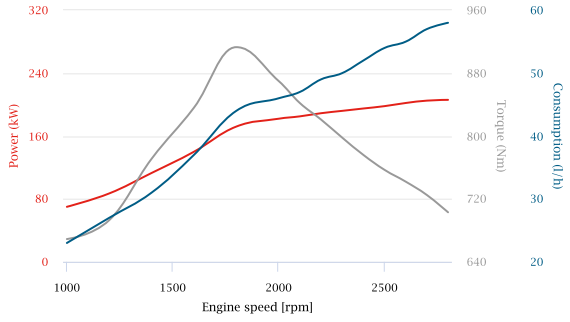
* Net Power at flywheel according to ISO 3046/1, after 50 hours running, Fuel Diesel EN 590. Power tolerance 5%.

Rating

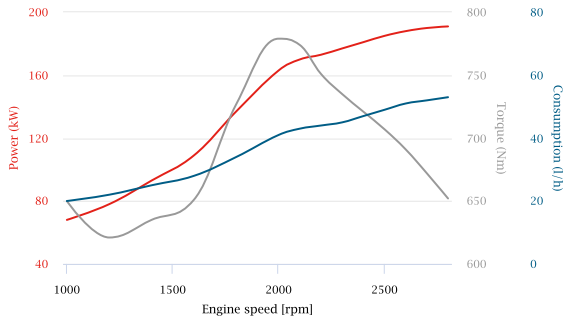
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| <p>A1 High performance crafts. Full throttle operation restricted within 10% of total use period Cruising speed at engine rpm <90% of rated speed setting. Maximum useage 300 hours per year.</p> <p>A2=B1 Pleasure/commercial vessels. Full throttle operation restricted within 10% of total use period Cruising speed at engine rpm <90% of rated speed setting. Maximum useage 1000 hours per year.</p> | <p>B Light duty. Full throttle operation restricted within 10% of total use period. Cruising speed at engine rpm <90% of rated speed setting. Maximum useage 1500 hours per year.</p> <p>C Medium duty. Full throttle operation <25% of use period. Cruising speed at engine rpm <90% of rated speed setting. Maximum useage 3000 hours per year.</p> <p>D Heavy duty.</p> |
|---|--|

POWER & TORQUE

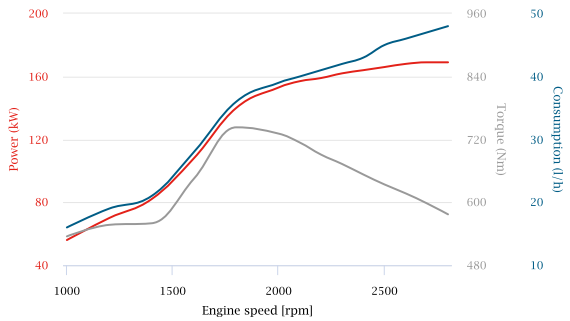
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 IMO MARPOL CHINA
 EU-RCD Stage I,
 EU-IWV Stage IIIA |
 N67 280 206 kW -
 Class A1 206 kW



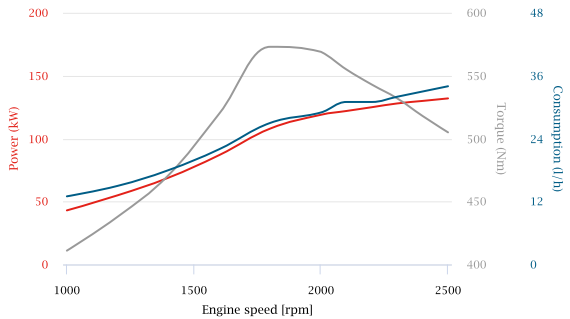
IMO MARPOL Tier2,
 IMO MARPOL CHINA
 EU-RCD Stage I,
 EU-IWV Stage IIIA |
 N67 280 206 kW -
 Class B 191 kW

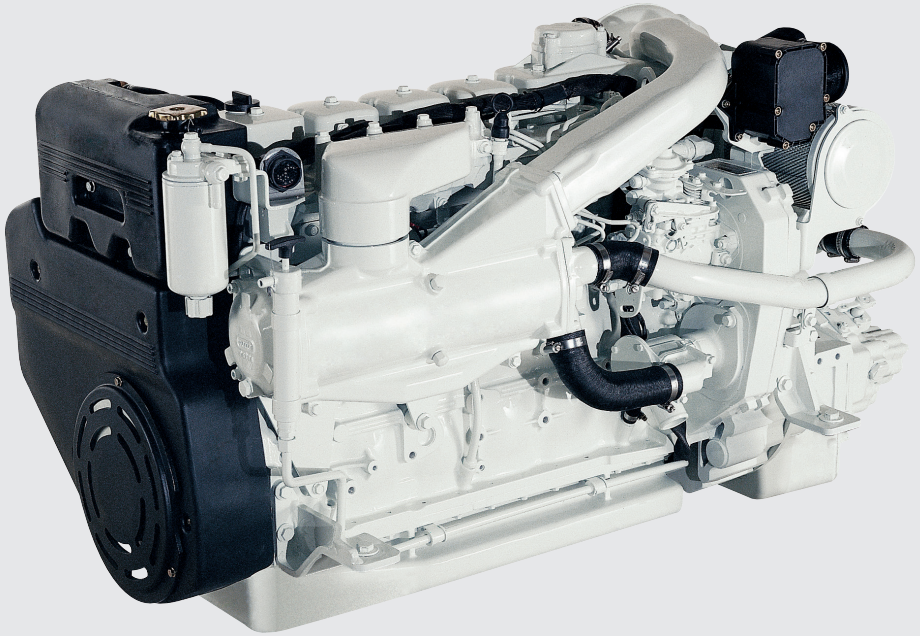


IMO MARPOL Tier2,
 IMO MARPOL CHINA
 EU-RCD Stage I,
 EU-IWV Stage IIIA |
 N67 280 206 kW -
 Class C 169 kW



IMO MARPOL Tier2,
 IMO MARPOL CHINA
 EU-RCD Stage I,
 EU-IWV Stage IIIA |
 N67 280 206 kW -
 Class D 132 kW





Rating type A1: 206 kW (280 HP) @ 2800 rpm

Rating type B: 191 kW (260 HP) @ 2800 rpm

Rating type C: 169 kW (230 HP) @ 2800 rpm

Rating type D: 132 kW (180 HP) @ 2500 rpm



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