



***MARINE DATA SHEET***

***N67 150***

**110 kW**

**Our efficiency.  
Your edge.**

## SPECIFICATIONS

Thermodynamic cycle	Diesel 4 stroke
Air handling	NA
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	left side
Turbocharger	-
Heat exchanger	tube type
Exhaust gas water mixer - Exhaust cooled elbow	-
Water charge tank	included
Fuel filter	1
Fuel prefilter	included (loose)
Fuel pump	included
Oil filter	1
Oil sump	sheet steel
Oil vapours blowby circuit	on valve cover
Oil heat exchanger	built in the crankcase
Oil filler	by cylinder head cover
Starter	12 V - 3 kW
Alternator	12 V - 90 A with W contact
Engine stop device	electrical excitation
Wiring harness	with negative to ground connection
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) 1052 x 705 x 910 mm
Dry Weight	530 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	180 Ah
Battery - minimum cold cranking capacity recommended	800 Ah

## RATING TYPE

		A1	B	C	D
Maximum power [*]	kW(HP)	110 (150)	99.5 (135)	92 (125)	92 (125)
At speed	rpm	2800	2800	2800	2800
Maximum no load governed speed at max rating	rpm	3100	3100	3100	3100
Minimum idling speed	rpm	650	650	650	650
Mean piston speed at rated speed	m/s	12.3	12.3	12.3	12.3
BMEP at max power	bar	8.6	7.3	7.3	7.3
Specific fuel consumption at full load (best value)	g/kWh @ rpm	230 @ 1800	230 @ 1800	230 @ 1800	230 @ 1800
Oil consumption at max rating	(% of fuel cons.)	= 0.1	= 0.1	= 0.1	= 0.1
Minimum starting temperature without auxiliaries	°C	-10°	-10°	-10°	-10°
Oil and oil filter maintenance interval for replacement	hours	600	600	600	600

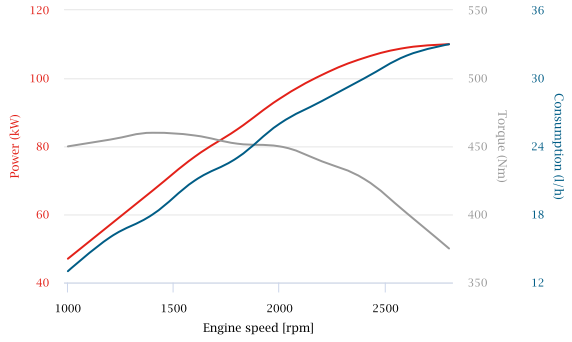
\* Net Power at flywheel according to ISO 3046/1, after 50 hours running, Fuel Diesel EN 590. Power tolerance 5%.

## Rating

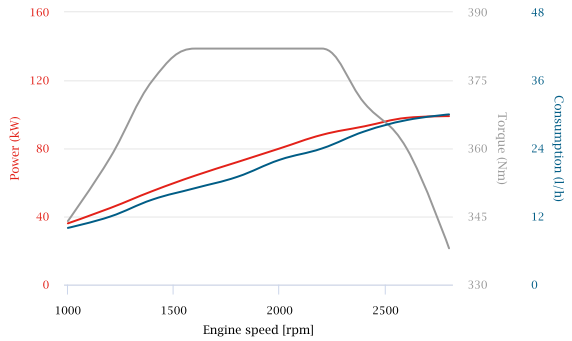
<b>A1</b>	High performance crafts. Full throttle operation restricted within 10% of total use period Cruising speed at engine rpm <90% of rated speed setting. Maximum useage 300 hours per year.	<b>B</b>	Light duty. Full throttle operation restricted within 10% of total use period. Cruising speed at engine rpm <90% of rated speed setting. Maximum useage 1500 hours per year.
<b>A2=B1</b>	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.	<b>C</b>	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.
		<b>D</b>	Heavy duty.

POWER & TORQUE

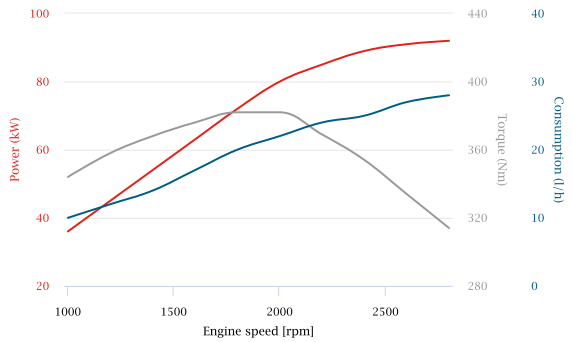
EU-RCD Stage I |  
N67 150 110 kW -  
Class A1 110 kW



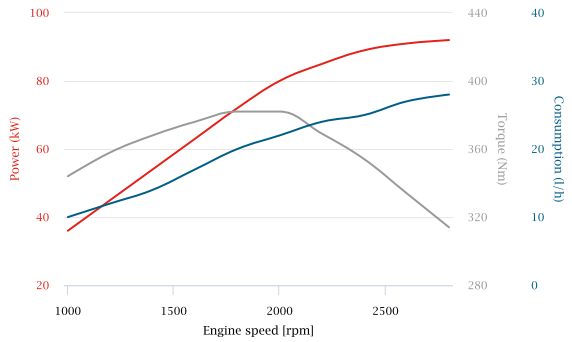
EU-RCD Stage I |  
N67 150 110 kW -  
Class B 99.5 kW

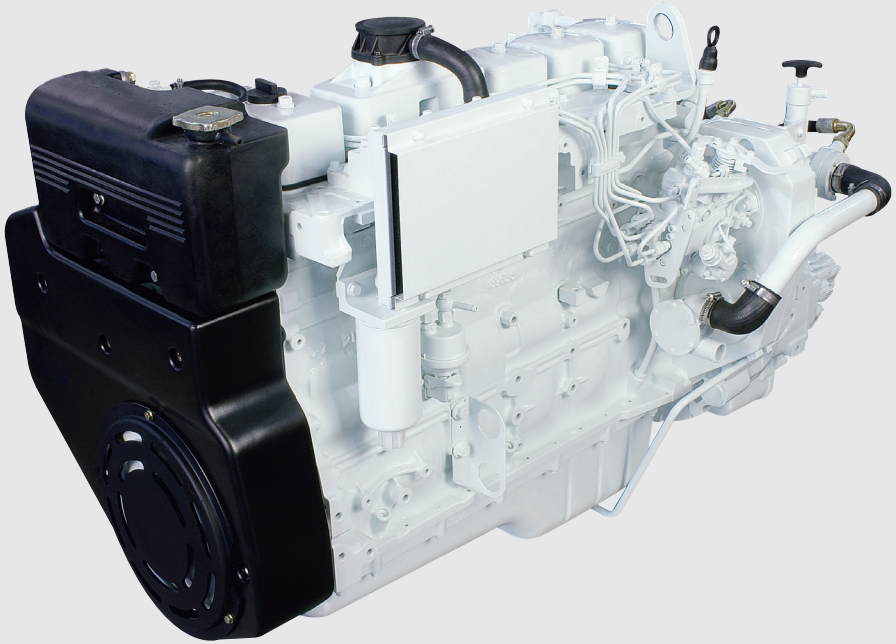


EU-RCD Stage I |  
N67 150 110 kW -  
Class C 92 kW



EU-RCD Stage I |  
N67 150 99.5 kW -  
Class D 92 kW





Rating type A1: 110 kW (150 HP) @ 2800 rpm  
Rating type B: 99.5 kW (135 HP) @ 2800 rpm  
Rating type C: 92 kW (125 HP) @ 2800 rpm  
Rating type D: 92 kW (125 HP) @ 2800 rpm



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