



MARINE DATA SHEET

N67 450 N

FIXED-SPEED AUXILIARY

**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	4
Cooling System	Liquid
Direction of Rotation (viewed facing flywheel)	CCW (Counterclockwise)
Engine management	EDC (Electronic Diesel Control)
Injection System	CR
Compression ratio	16,5:1
Compatibility with XTL / HVO fuels (EN 15940)	Yes

STANDARD CONFIGURATION

Flywheel housing	SAE 3
Flywheel size	11" $\frac{1}{2}$
Air filter	Rear side
Turbocharger	Waste Gate (water cooled) Turbo with Aftercooler (TCA)
Cooling type	Heat Exchanger Tube Type / Keel Cooling
Water charge tank	Included
Fuel filter	1 - left side
Fuel prefilter	Included (loose)
Fuel pump	Included
Oil filter	1 - right side
Oil sump	Aluminium
CCV (blow-by) filter	External, rear
Oil heat exchanger	Included
Oil filler	By cylinder head cover
Starter	12 V - 3 kW
Alternator	12 V - 90 A
Engine stop device	By electronic central unit
Wiring harness	With negative to ground connection
Painting color	Dark Grey

Legend

Arrangement	Air Handling	Injection System
L In line	TCA Turbocharged with aftercooler	CR Common Rail

MAIN OPTIONS

Cold start aid	Yes
PTO	Front PTO 2-grooves pulley
Exhaust gas	Dry
Insulated poles configuration (negative to battery)	Yes
Electronic speed controller	Yes
Marine Classification Society. Type approval	Yes

WEIGHT AND DIMENSIONS*

Dimensions	(L**xWxH) 1,088 x 717 x 789 mm 43 x 29 x 31 inches
- Height, crankshaft centerline to top	554 mm 21.8 inches
- Height, crankshaft centerline to bottom	235 mm 9.3 inches
- Stringer width	710 mm 28 inches
Dry Weight	600 Kg 1,323 lb

* Weight and dimensions can be changed according to engine options and configurations
** Length at flywheel

RATING TYPE		PRP	PRP
Maximum power [*]	kWm	129	129
At speed	rpm	1,800	1,500
Fuel consumption at rated speed	g/kWh	204	203

* Net Power at flywheel according to ISO 8665, after 50 hours running, Fuel Diesel EN 590.
Power tolerance 5%.

Legend

PRP Prime Power conforms to ISO 8528.Unlimited hours per year.
Maximum mean load factor of 70% of rated power over 24 h of operation. Overload +10% (maximum of 1 h in 12 h, maximum in 25 h per year)

FUEL CONSUMPTION

N67ENTM17.90
129 KW @ 1,500 RPM (IMO EXEMPTED)

Power % of PRP	Fuel consumption [l/h]	Fuel consumption [gal/h]
110% (overload)	34	9
100% (prime power)	32	8
80%	25	7
50%	16	4
25%	9	2

N67ENTM17.90
129 KW @ 1,800 RPM (IMO EXEMPTED)

Power % of PRP	Fuel consumption [l/h]	Fuel consumption [gal/h]
110% (overload)	35	9
100% (prime power)	32	8
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Rating type PRP: 129 kWm @ 1,800 rpm

Rating type PRP: 129 kWm @ 1,500 rpm

