

N67 280

206 kW

Marine Pleasure N67

Rating type A1:	206 kW (280 HP) @ 2800 rpm
Rating type A2:	- kW (- HP) @ - rpm
Rating type B:	191 kW (260 HP) @ 2800 rpm
Rating type C:	169 kW (230 HP) @ 2800 rpm

SPECIFICATIONS

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

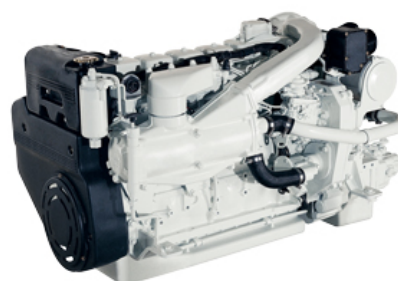
WEIGHT AND DIMENSIONS

Dimensions	LxWxH (mm)	1072 x 749 x 800
Dry Weight	Kg	605

DIMENSIONS CAN BE CHANGED ACCORDING TO ENGINE OPTIONS

STANDARD CONFIGURATION

Flywheel housing	type	SAE 3
Flywheel size	inch	11" ½
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	number	1 - left side
Fuel prefilter		included (loose)
Fuel pump		included
Oil filter	number	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		12V - 3kW
Alternator		12 V - 90 A
Engine stop device		electrical excitation
Wiring harness		engine wiring
Painting color		white "ICE"



IMAGES SHOWN ARE FOR ILLUSTRATION PURPOSE ONLY

ELECTRICAL SYSTEM

Voltage	V	12
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NOT INCLUDED IN STANDARD CONFIGURATION

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

LEGEND

Arrangement	Air Handling	Turbocharger	Injection System	Exhaust System
L (in line)	TCA (Turbocharged with aftercooler)	WG (Wastegate)	M (Mechanical)	EGR (Exhaust Gas Recirculation)
V (90° "V" configuration)	TC (Turbocharged)	VGT (Variable Geometry Turbocharger)	ECR (Electronic Common Rail)	SCR (Selective Catalytic Reduction)
	NA (Naturally Aspirated)	TST (Twin Stage Turbocharger)	EUI (Electronic Unit Injector)	
			MPI (Multi Point Injection)	

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 usage 300 hours per year.
A2	Pleasure Commercial Vessels. Full throttle operation restricted within 10% of total use period. Cruising speed at engine rpm <90% of rated speed setting - Maximum usage 1000 hours per year.
B	Light Duty: Full throttle operation restricted within 10% of use period. Cruising speed at engine rpm <90% of rated speed setting - Maximum usage 1500 hours per year.
C	Medium Duty: Full throttle operation < 25% of use period. Cruising speed at engine rpm <90% of rated speed setting - Maximum usage 3000 hours per year.
D	Heavy Duty

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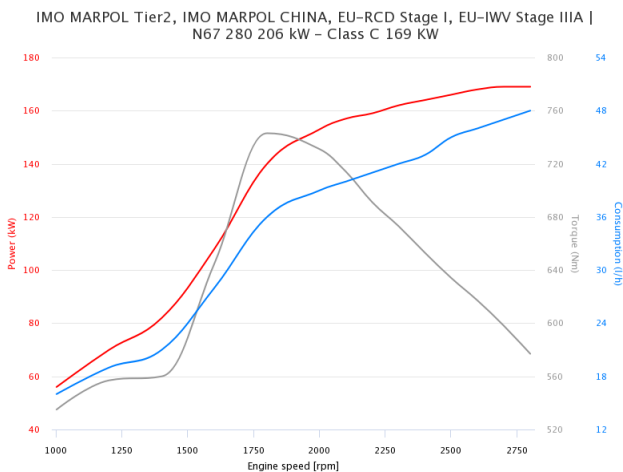
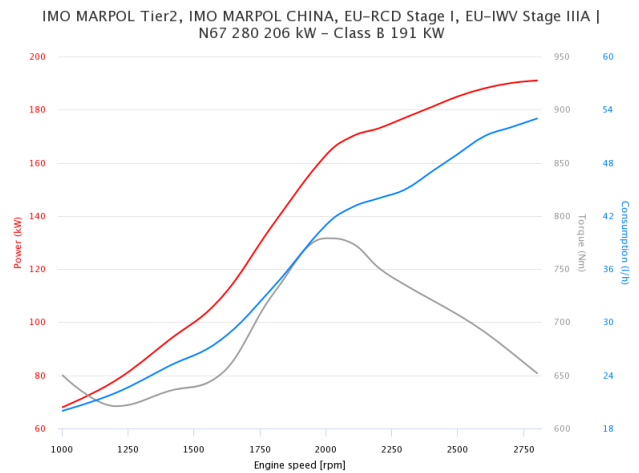
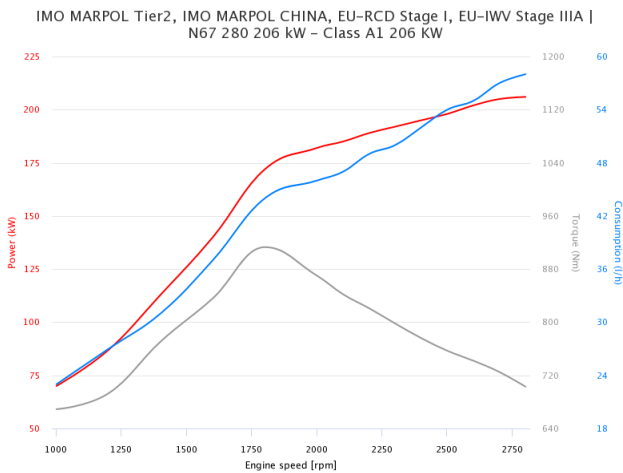
SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE



RATING TYPE		A1	A2	B	C
Maximum power [*]	kW (HP)	206 (280)	- (-)	191 (260)	169 (230)
At speed	rpm	2800	-	2800	2800
Maximum no load governed speed at max rating	rpm	3150	-	3150	3150
Minimum idling speed	rpm	650	-	650	650
Mean piston speed at rated speed	m/s	12.3	-	12.3	12.3
BMEP at max power	bar	18.2	-	15.2	11.2
Specific fuel consumption at full load (best value)	g/kWh @ rpm	214 @ 2000	-	214 @ 2000	214 @ 2000
Oil consumption at max rating	(% of fuel con		= 0.2		
Minimum starting temperature without auxiliaries	°C		-15°		
Oil and oil filter maintenance interval for replacement	hours		600		

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

POWER & TORQUE



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