

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	

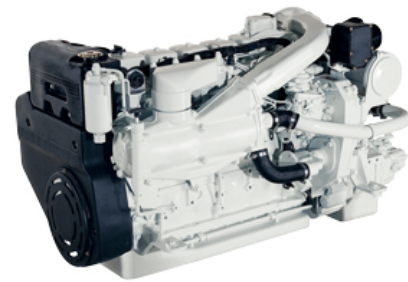
## STANDARD CONFIGURATION

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"	

## WEIGHT AND DIMENSIONS

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

DIMENSIONS CAN BE CHANGED ACCORDING TO ENGINE OPTIONS



MARINE

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)	VTG (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

FOR INFORMATION ON THE AVAILABLE RATINGS NOT LISTED IN THIS DOCUMENT PLEASE CONTACT THE FPT INDUSTRIAL SALES NETWORK OR VISIT OUR SITE [WWW.FPTINDUSTRIAL.COM](http://WWW.FPTINDUSTRIAL.COM)

SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE

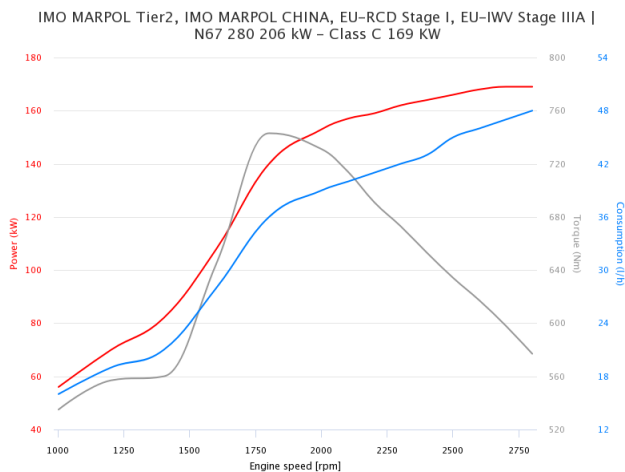
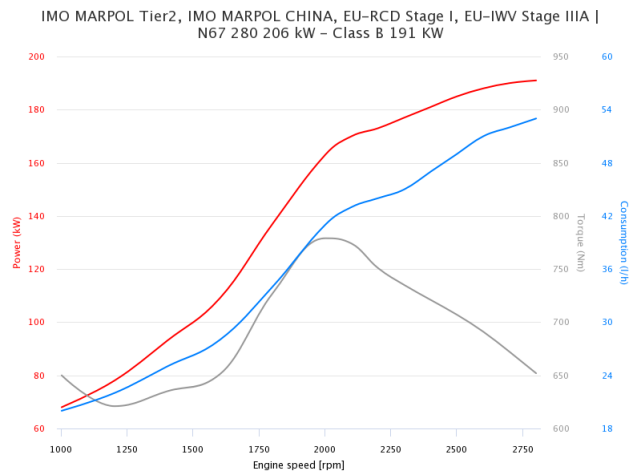
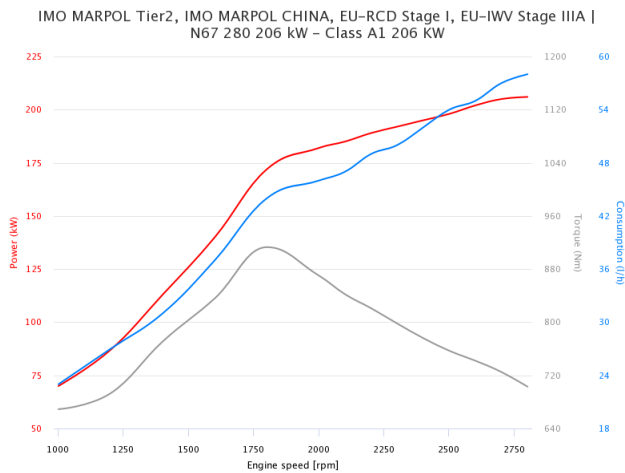


## RATING TYPE

		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	3150
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	g/kWh @ rpm		= 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



### LEGEND

<b>Arrangement</b>	<b>Air Handling</b>	<b>Turbocharger</b>	<b>Injection System</b>	<b>Exhaust System</b>
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