



***MARINE DATA SHEET***

***N67 570 EVO***

**419 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	4
Cooling System	liquid
Direction of Rotation (viewed facing flywheel)	CCW
Engine management	by EDC (Electronic Diesel Control)
Injection System	ECR

## STANDARD CONFIGURATION

Flywheel housing	SAE 3
Flywheel size	11" $\frac{1}{2}$
Air filter	rear side
Turbocharger	Waste Gate (water cooled) - 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	-
Oil filter	1 - right side
Oil sump	aluminium
Oil vapours blowby circuit	rear
Oil heat exchanger	external heat exchanger
Oil filler	by cylinder head cover
Starter	12 V - 3 kW
Alternator	12 V - 90 A
Engine stop device	by electronical central unit
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) 1089 x 847 x 825 mm
Dry Weight	721 Kg

\* Dimensions can be changed according to engine options

\*\* Length at flywheel

## ELECTRICAL SYSTEM

Voltage	12 V
---------	------

## NOT INCLUDED IN STANDARD CONFIGURATION

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

## RATING TYPE

A1

Maximum power [*]	kW(HP)	419 (570)
At speed	rpm	3000
Maximum no load governed speed at max rating	rpm	3150
Minimum idling speed	rpm	600
Mean piston speed at rated speed	m/s	14.1
BMEP at max power	bar	25
Specific fuel consumption at full load (best value)	g/kWh @ rpm	223
Oil consumption at max rating	(% of fuel cons.)	<0.2
Minimum starting temperature without auxiliaries	°C	0°
Oil and oil filter maintenance interval for replacement	hours	300

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

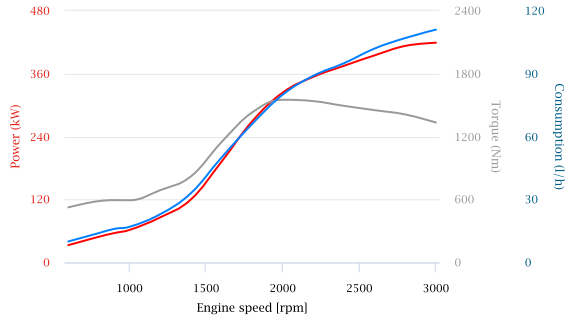
## Rating

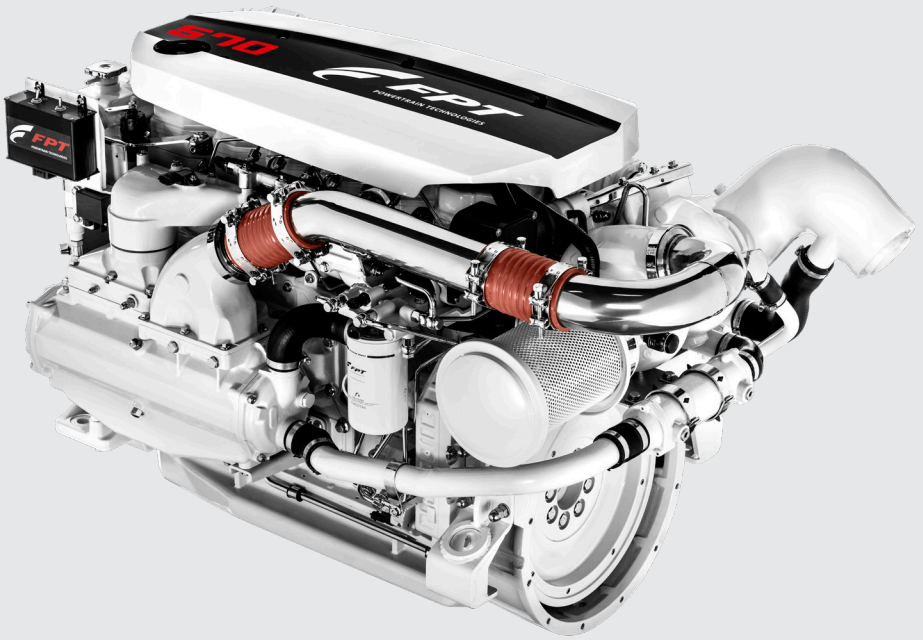
- |   |  |
|---|--|
| <p><b>A1</b> High performance crafts. Full throttle operation restricted within 10% of total use period Cruising speed at engine rpm &lt;90% of rated speed setting. Maximum useage 300 hours per year.</p> <p><b>A2=B1</b> Pleasure/commercial vessels. Full throttle operation restricted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

POWER & TORQUE

---

IMO MARPOL Tier2,  
EU-RCD Stage II, USA-EPA Tier3  
RECREATIONAL | N67 570 EVO  
419 kW - Class A1





Rating type A1: 419 kW (570 HP) @ 3000 rpm



FPT Industrial S.p.A.

Via Puglia 15, 10156  
Torino, Italy

[fptindustrial.com](http://fptindustrial.com)

[marketing@  
fptindustrial.com](mailto:marketing@fptindustrial.com)

All the pictures, drawings illustrations and descriptions contained in this brochure are based on product information available to FPT Industrial at the time of printing (31/01/2018). Some of the engine line-ups may refer to a specific market configuration which may not be present or offered for sale available in all other markets. The colors featured in this brochure may differ from the originals. FPT Industrial reserves the right to introduce any modifications, at any time and without any prior advance notice, to design, material, components equipment and/or technical specifications.