

ENGINE SPECIFICATION

ENGINE MODEL	MR 506 SB3
CYLINDERS	V6
BORE X STROKE (mm)	83 x 92
DISPLACEMENT (L)	3.0
MAX. POWER MHP (kW) @ rpm	150 (110.3) @ 3000
MAX TORQUE Nm (kgm) @ rpm	500 (50.9) @ 2000
LENGTH (mm)	850
WIDTH in (mm)	880
HEIGHT in (mm)	770
WEIGHT (kg)	360
INJECTION	Direct Injection Common Rail
COOLING SYSTEM	Water
INTAKE SYSTEM	Turbocharged (VGT) and Intercooled
EMISSIONS	EPA Tier 3 / IMO RCD 2 / BSO 2 CCS 2

MR 506 SB3
150 MHP

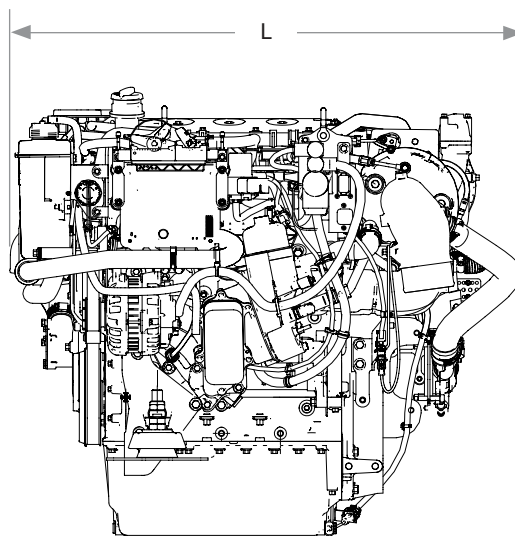
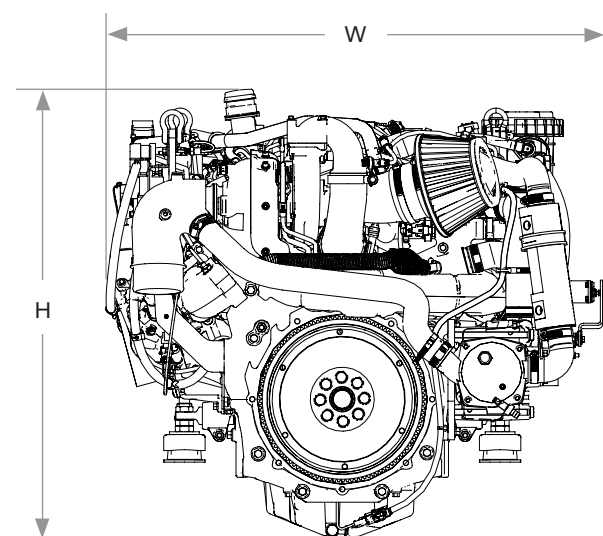

The MR506SB3 engine delivers an output of 150 MHP and a torque of 500 Nm at 2,000 rpm, ensuring high performance and reliability in all operating conditions.

Its key technical features include a 2,000 bar high-pressure injection system, chain-driven twin overhead camshafts, four valves per cylinder, and a variable geometry turbocharger (VGT) with ball bearing and water-cooled turbine.

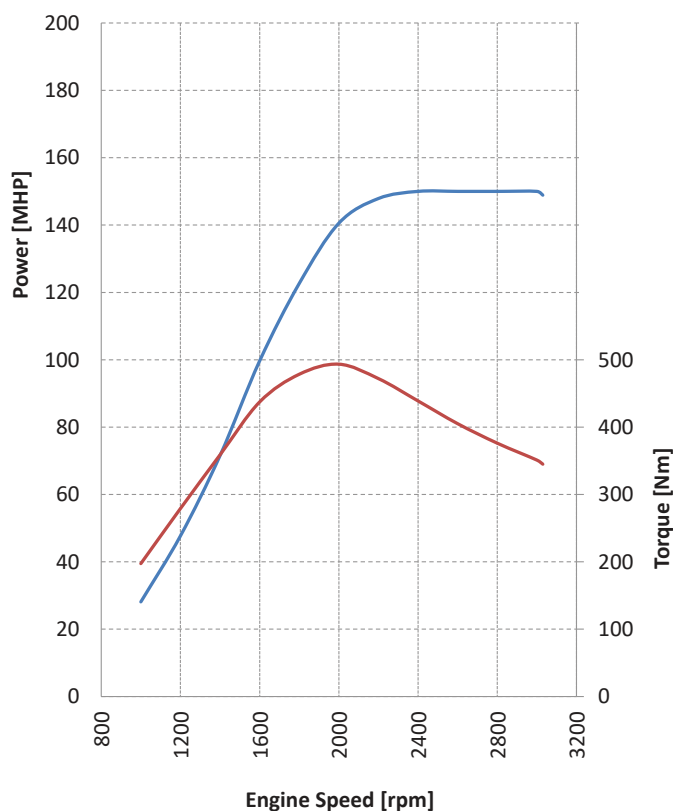
Quiet, efficient and environmentally friendly, the MR506SB3 V6 diesel engine is designed to provide power and comfort at sea, with optimised fuel consumption and reduced emissions.

HIGH PERFORMANCE DIESEL ENGINES

THE POWER OF ENGINEERING



POWER CURVE



STANDARD EQUIPMENT

- Flywheel and Flywheel housing
- 12V electric starter
- 12V-110A battery charging alternator
- Oil and fuel filters
- Air filter
- Engine cooling system with seawater heat exchanger
- Engine oil heat exchanger
- Cooled exhaust gas manifolds
- Air charging system with turbocharger and cooled turbine housing
- Low pressure fuel pump integrated on the high pressure injection pump
- Sea water circulating pump
- Engine mounted sea water filter
- Centrifugal pump for engine coolant circulation
- Coolant expansion tank
- Engine shock absorbers
- White painting finish

AVAILABLE ACCESSORIES

- Gear box
- Flying bridge dashboard

HIGH PERFORMANCE DIESEL ENGINES

THE POWER OF ENGINEERING

VM Motori S.r.l.

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