

ENGINE SPECIFICATION

ENGINE MODEL	MR 506 SH3
CYLINDERS	V6
BORE X STROKE (mm)	83 x 92
DISPLACEMENT (L)	3.0
MAX. POWER MHP (kW) @ rpm	270 (198.5) @ 4000
MAX TORQUE Nm (kgm) @ rpm	585 (59.6) @ 2200
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 SH3
270 MHP


The MR506SH3 engine combines outstanding performance with advanced injection technologies and a state-of-the-art turbocharger.

The 3.0-litre V6 delivers 270 MHP and 587 Nm of torque at 2,200 rpm, placing it at the top of its class. Its compact design ensures excellent installation flexibility.

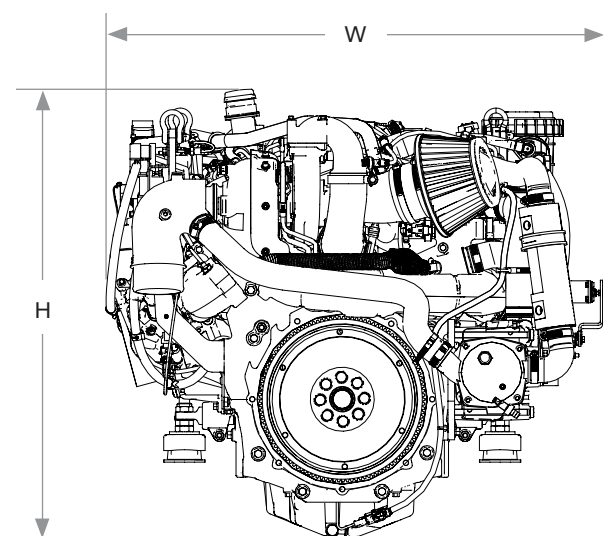
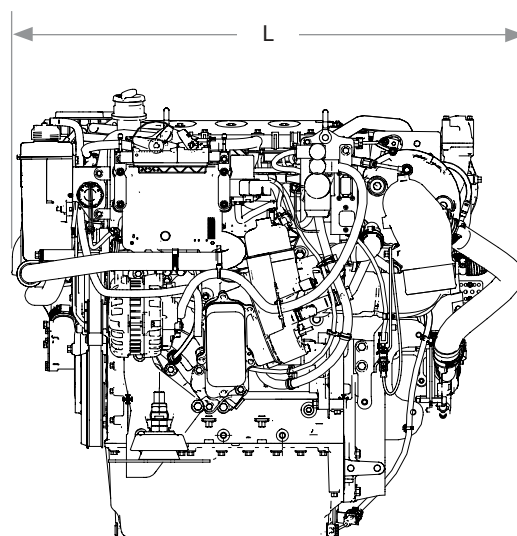
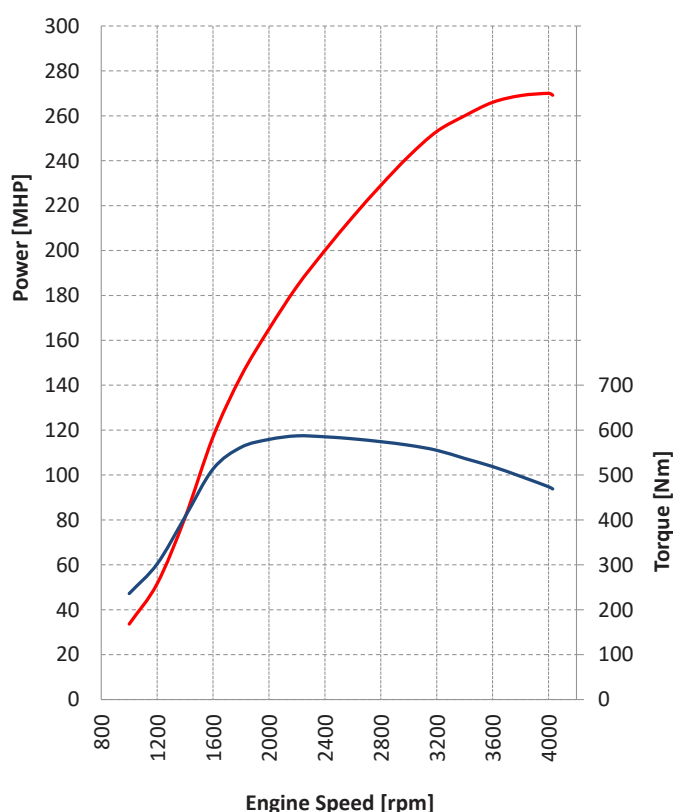
Key technical features include a 2,000 bar high-pressure injection system, chain-driven twin overhead camshafts, and four valves per cylinder.

Thanks to the variable geometry turbocharger (VGT) with ball bearing and water-cooled turbine, the engine guarantees high specific power and immediate response even at low revs.

Reliable, powerful, environmentally friendly and quiet, the MR506SH3 is designed to deliver superior performance and onboard comfort, 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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