

ENGINE SPECIFICATION

ENGINE MODEL	MR 504 LX3
CYLINDERS	4
BORE X STROKE (mm)	83 x 92
DISPLACEMENT (L)	2.0
MAX. POWER MHP (kW) @ rpm	170 (126.8) @ 4000
MAX TORQUE Nm (kgm) @ rpm	360 (31.6) @ 2000
LENGTH (mm)	802
WIDTH in (mm)	720
HEIGHT in (mm)	757
WEIGHT (kg)	270
INJECTION	Direct Injection Common Rail
COOLING SYSTEM	Water
INTAKE SYSTEM	Turbocharged (VGT) and Intercooled
EMISSIONS	EPA Tier 3 RCD 2 / BSO 2 CCS 2

MR 504 LX3
170 MHP


The MR504LX3 is a 4-cylinder, 2.0-litre engine designed to be lightweight and compact, delivering outstanding performance and reliability in every operating condition.

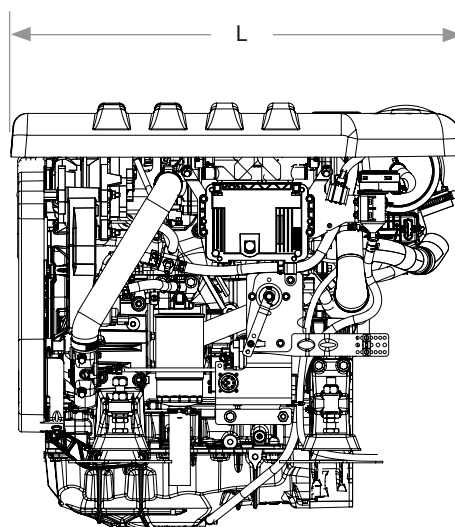
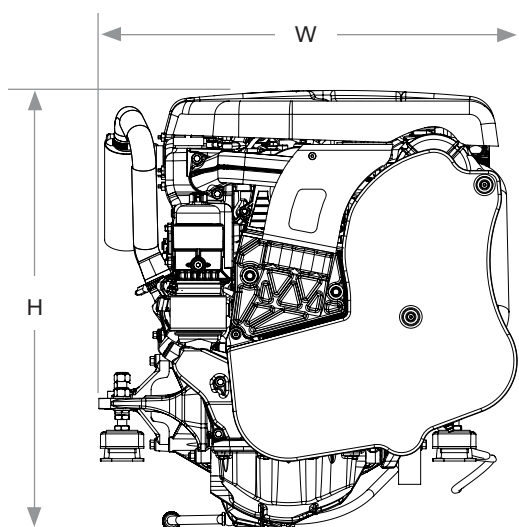
It features a 1600-bar common rail injection system for maximum efficiency and precision, a single overhead camshaft driven by a toothed belt with balance shafts to minimise vibrations, four valves per cylinder and a variable-geometry turbocharger (VGT) to optimise combustion.

Cooling is managed through a freshwater-seawater heat exchanger with separate circuits and a removable tubestack, ensuring easy maintenance.

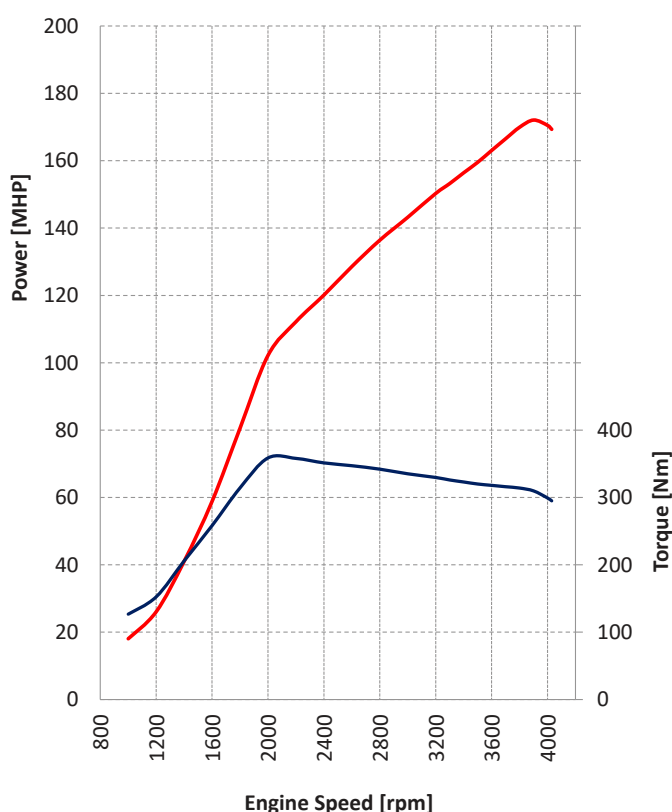
Fast and environmentally friendly, the MR504LX3 engine is designed to meet the needs of every boating enthusiast, offering consistent performance and optimised fuel consumption.

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 heat shielded turbine housing
- Low pressure fuel pump integrated on the high pressure injection pump
- Sea water circulating pump
- 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.

Sede legale : Corso Duca degli Abruzzi, 5 – 10128 Torino
Sede operativa : Via Ferrarese, 29 – 44042 Cento

Capitale Sociale € 10.000,00 int. versato
Codice Fiscale e Partita IVA n. 13242400011

Pec : vmmotori@pec.it
E-mail : info@vmmotori.it
Sito web : www.vmmotori.it