

ENGINE SPECIFICATION

ENGINE MODEL	MR 704 LS
CYLINDERS	4
BORE X STROKE (mm)	94 x 100
DISPLACEMENT (L)	2.8
MAX. POWER MHP (kW) @ rpm	170 (125) @ 3800
MAX TORQUE Nm (kgm) @ rpm	450 (45.9) @ 2200
LENGTH (mm)	850
WIDTH in (mm)	758
HEIGHT in (mm)	805
WEIGHT (kg)	360
INJECTION	Direct Injection Common Rail
COOLING SYSTEM	Water
INTAKE SYSTEM	Turbocharged and Intercooled
EMISSIONS	IMO RCD BSO

MR 704 LS
170 MHP


The MR704LS is a four-stroke diesel engine with direct injection, designed to deliver high performance and reliability in all operating conditions.

With a displacement of 2.8 litres, it features an electronically controlled common rail fuel system, turbocharger and aftercooler to optimise power and fuel efficiency.

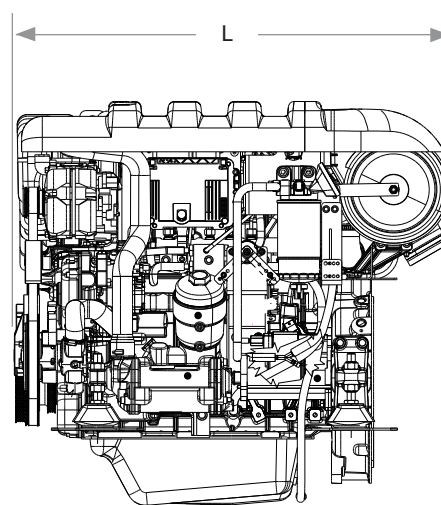
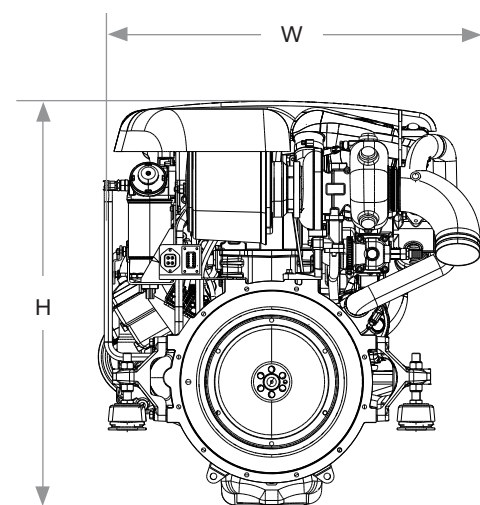
The cooling system uses a freshwater-seawater heat exchanger with separate circuits and a removable tubestack; a solution that simplifies maintenance operations.

The turbine and exhaust manifold are freshwater-cooled to reduce hot spots on board, while the oil circuit (cooled via a seawater heat exchanger), water and air circuits are designed to minimise the use of external flexible hoses.

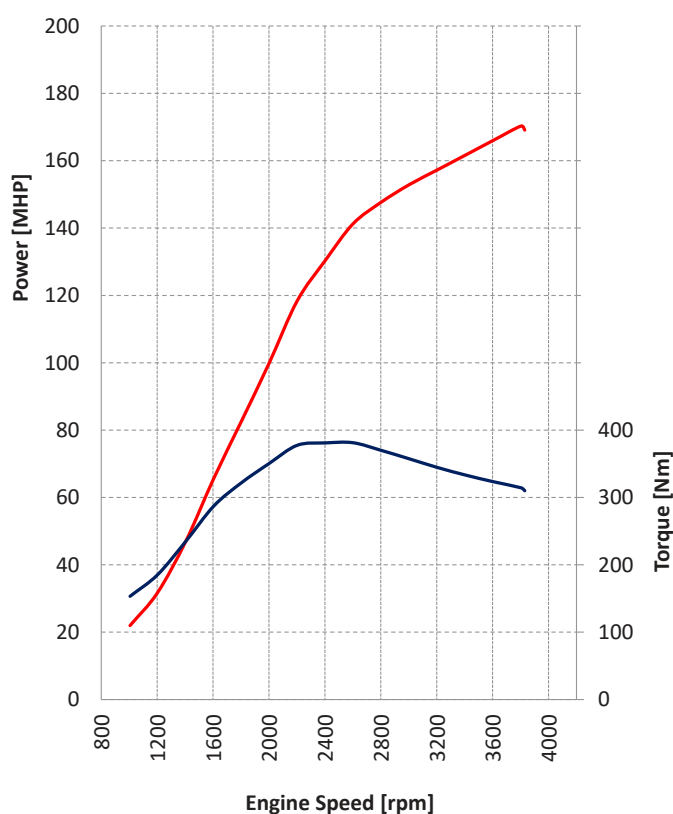
Its 2.8-litre displacement ensures outstanding reliability and high torque at low revs, while its compact dimensions and reduced weight guarantee easy installation even in confined spaces.

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.

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