

**ENGINE SPECIFICATION**

|                           |                                       |
|---------------------------|---------------------------------------|
| ENGINE MODEL              | MR 706 LH                             |
| CYLINDERS                 | 6                                     |
| BORE X STROKE (mm)        | 94 x 100                              |
| DISPLACEMENT (L)          | 4.2                                   |
| MAX. POWER MHP (kW) @ rpm | 320 (235) @ 3800                      |
| MAX TORQUE Nm (kgm) @ rpm | 700 (71.4) @ 2600                     |
| LENGTH (mm)               | 1090                                  |
| WIDTH in (mm)             | 762                                   |
| HEIGHT in (mm)            | 805                                   |
| WEIGHT (kg)               | 470                                   |
| INJECTION                 | Direct Injection<br>Common Rail       |
| COOLING SYSTEM            | Water                                 |
| INTAKE SYSTEM             | Turbocharged (FGT)<br>and Intercooled |
| EMISSIONS                 | RCD, BSO<br>CCS 2 / IMO               |

**MR 706 LH**
**320 MHP**


The MR706LH is a six-cylinder, inline, four-stroke diesel engine with direct injection, designed to deliver power, reliability and optimised fuel efficiency in all operating conditions.

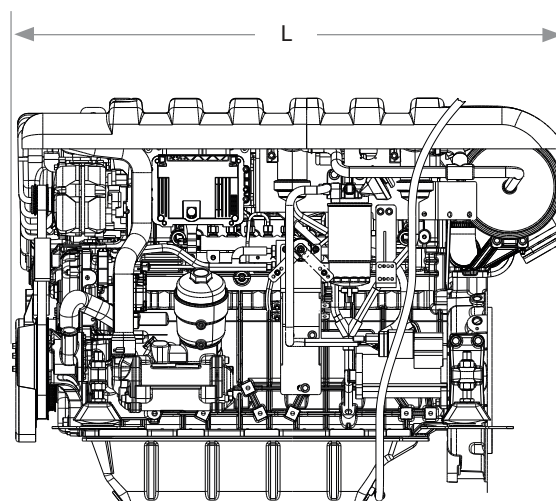
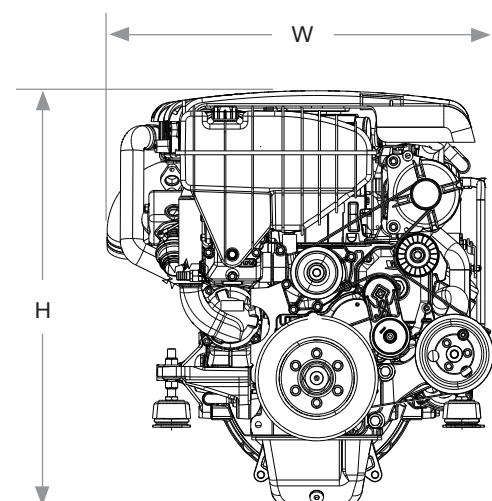
With a displacement of 4.2 litres, it features an electronically controlled common rail fuel system, turbocharger and aftercooler to maximise performance and efficiency. The cooling system uses a freshwater-seawater heat exchanger with separate circuits and a removable tubestack, a solution that simplifies maintenance operations. The oil circuit (cooled via a seawater heat exchanger), along with the water and air circuits, is designed to minimise the use of external flexible hoses.

Thanks to its inline six-cylinder architecture and generous displacement, the engine ensures high torque at low revs and reduced vibrations, placing it at the top of its class.

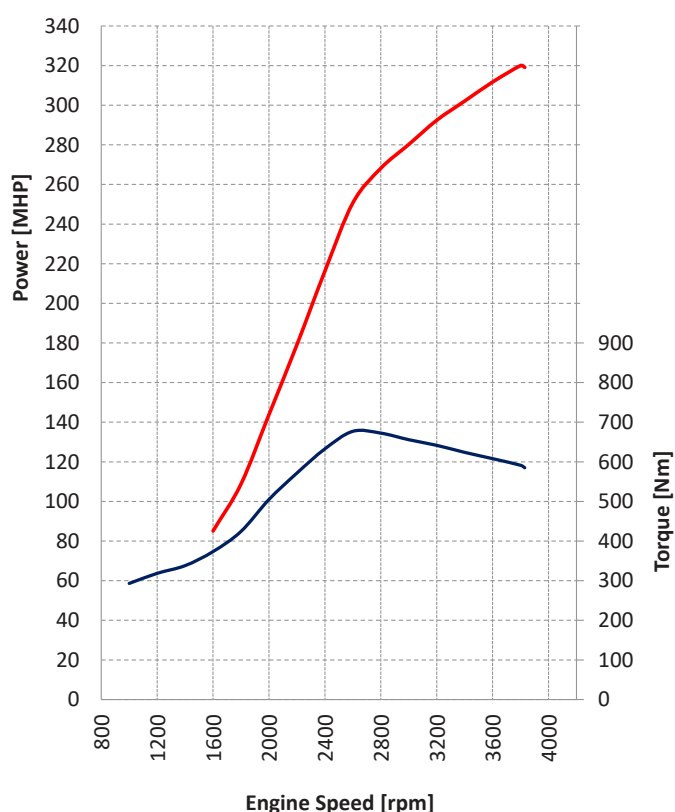
Its compact design and optimised weight allow for easy and versatile installation, even in confined spaces.

**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

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