



V10-1100.

Power to get your yacht up to speed.

Powered by MAN.

MAN Nutzfahrzeuge Group



Full speed ahead.

A whole fleet of MAN marine diesel engines is waiting for this command. The powerful common rail diesel engines from 730 hp to 1 800 hp impress with their extraordinary dynamics, their extreme running smoothness, economy and their trend-setting environmental friendliness. The finest from modern technology.

Engine description V10-1100.

Characteristics

| | |
|---------------------------|--|
| Cylinders and arrangement | 10 cylinders in 90° V design |
| Operation mode | 4-stroke diesel engine watercooled exhaust turbocharger with intercooler |
| Number of valves | 4 valves per cylinder |
| Fuel system | Common Rail direct fuel injection with electronic control |
| Engine lubrication | Closed system with forced feeding, oil cooling and filtering |
| Type of cooling | Heat exchanger with engine and seawater circuit |
| Engine electric | Electronic injection control (EDC) Electronic engine monitoring including diagnostic unit |
| Exhaust gas status | IMO/MARPOL 73/78, EPA Tier 2 , SAV, Recreational Craft Directive 94/25/EC |
| Fuel | DIN EN 590 |

Dimensions

| | | |
|---|----|-------|
| A-Overall width of engine | mm | 1 230 |
| B-Overall length of engine | mm | 1 610 |
| C-Overall height of engine | mm | 1 183 |
| D-Top of engine to crankshaft centre | mm | 730 |
| E-Length of engine from front end to edge of flywheel housing | mm | 1 334 |

For detailed examinations of installation dimensions, please order drawings from our factory.

MAN engines have outstanding qualities

- High tractive power even at low speeds
- Powerful acceleration and rapid reaction to commands
- High performance combined with low weight
- Compact, space-saving design
- Large operation range owing to low consumption
- Low running costs and long service life
- Low emission values
- World-wide service network with rapid supply of spare parts

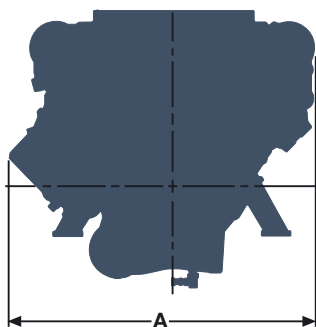
Technical data

| Type of engine | | V10-1100 |
|-----------------------------------|---------|---------------|
| Displacement | l | 18.27 |
| Maximum output to DIN ISO 3046-1* | kW (hp) | 809 (1 100) |
| Rated speed | rpm | 2 300 |
| Maximum torque | Nm | 3 700 |
| at speed | rpm | 1 300 - 2 100 |
| Weight (dry) | kg | 1 855 |
| Fuel consumption at rated power | l/h | 217 |

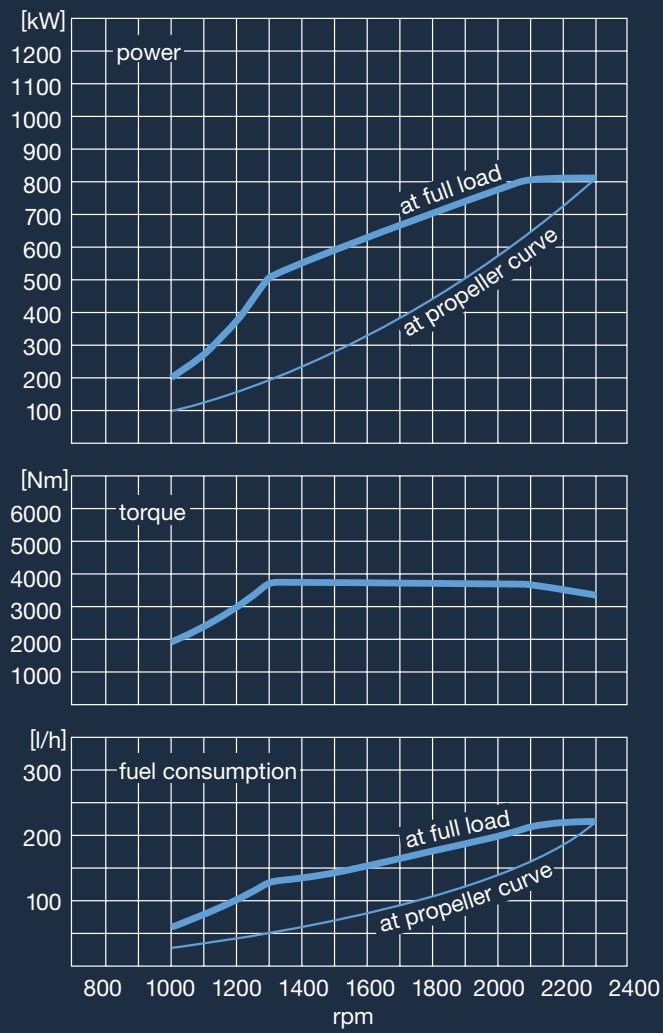
* The ratings are only for operation of private yachts.

Definition of operation

The engines for light duty operation are designed for a maximum of 1 000 annual operating hours with up to 20 percent of time at full load, an average of up to 50 percent load application and no wide-open throttle below rated speed.



Power charts.



■ V10 -1100 CRM, 809 kW (1,100 mhp)

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Text and illustrations are not binding.

We reserve the right to make modifications in the course of technical progress.

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