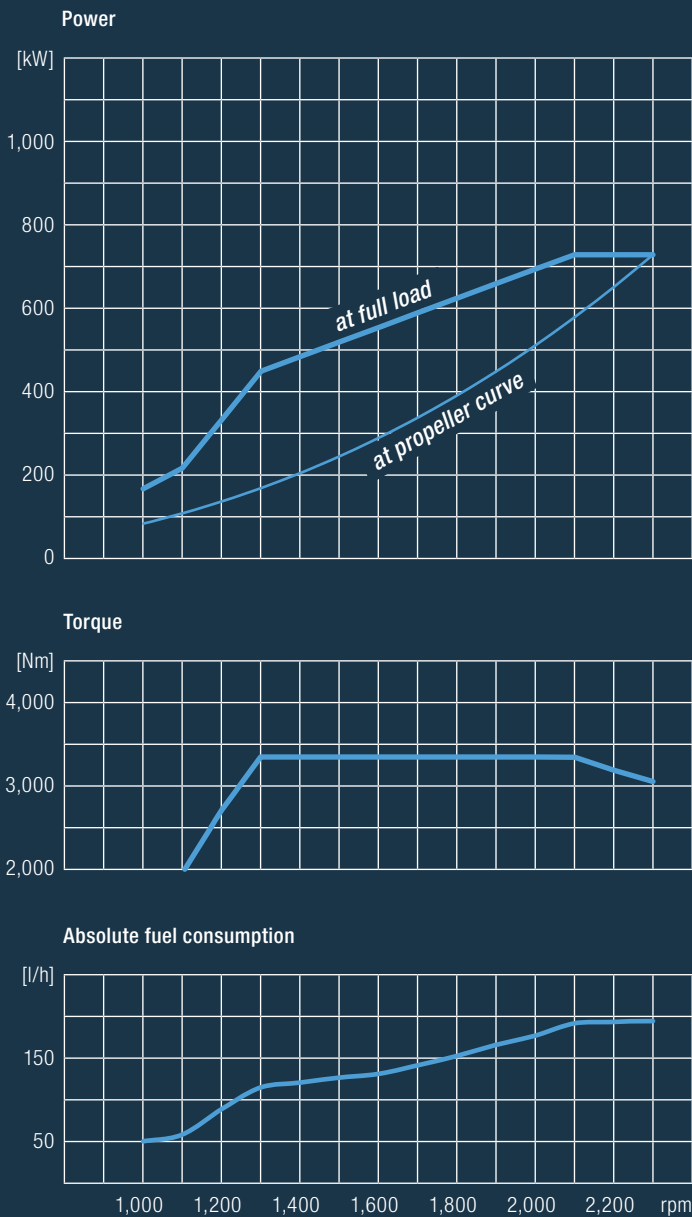


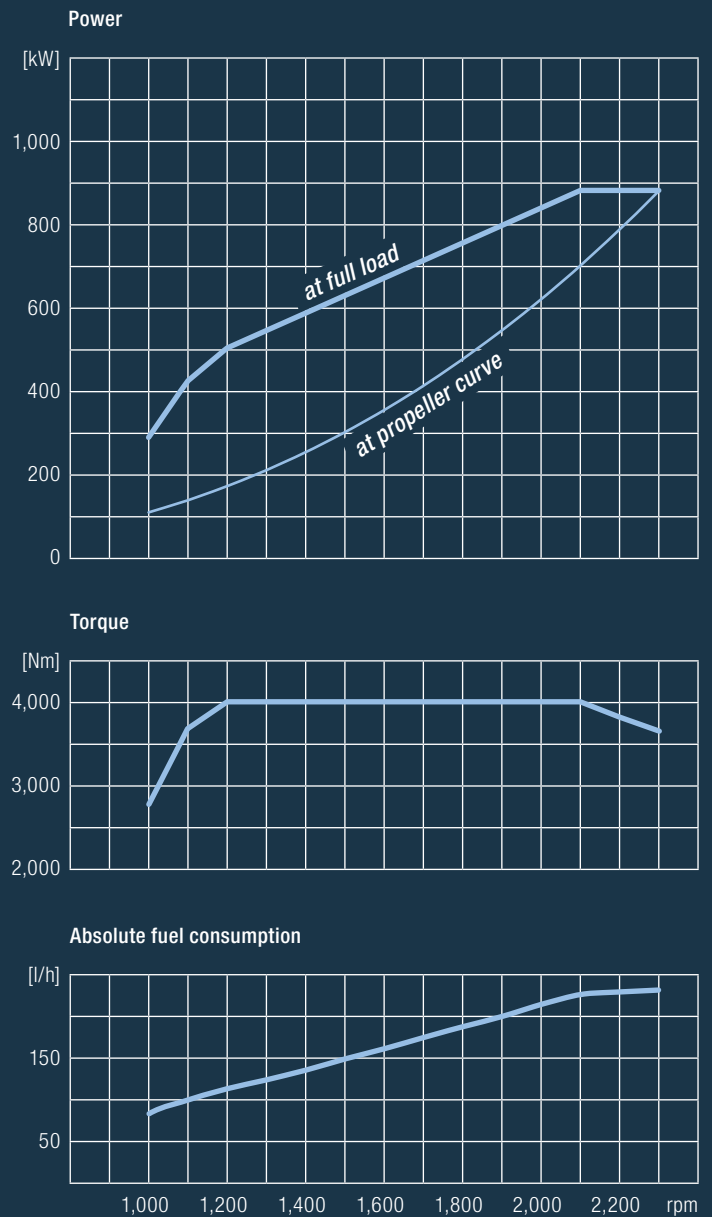
# Power charts V8-1000 and V8-1200.

V8-1000



■ V8-1000 with 735 kW (1,000 hp at 2,300 rpm)

V8-1200



■ V8-1200 with 882 kW (1,200 hp at 2,300 rpm)

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Sales Engines & Components

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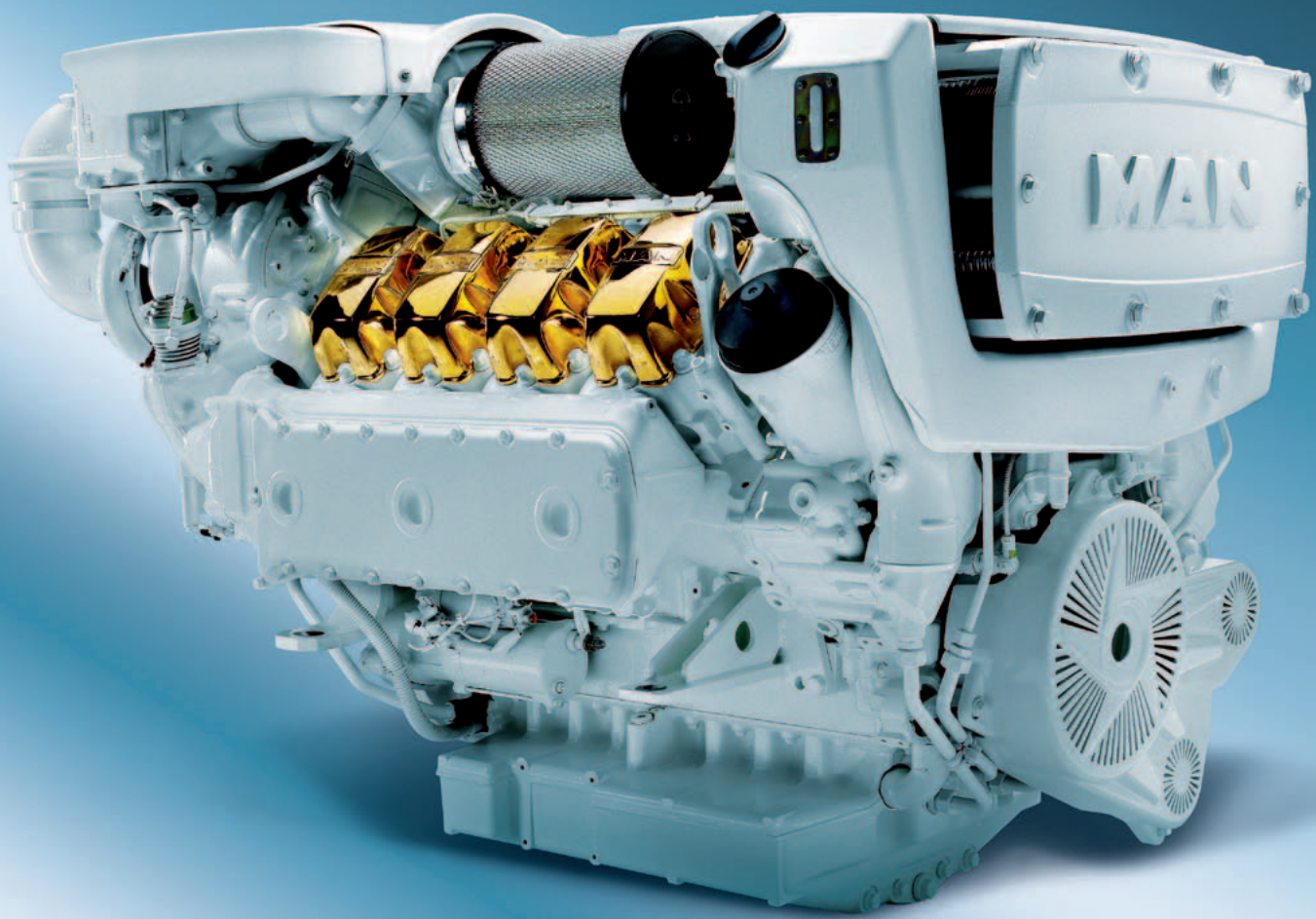
90441 Nürnberg

marinemotor@man.eu

www.man-engines.com

A member of the MAN Group





# V8-1000 and V8-1200.

MAN high speed marine engines for light duty applications.



# 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 V8-1000 and V8-1200.

### Characteristics

- Cylinders and arrangement:
- Operation mode:
- Turbocharging:
- Number of valves:
- Fuel system:
- Engine lubrication:
- Type of cooling:
- Engine control:
- Exhaust gas status:
- Fuel:

### V8-1000

- 8 cylinders in 90° V design
- 4-stroke diesel engine, watercooled
- 1-stage exhaust turbocharger with intercooler
- 4 valves per cylinder
- Common Rail direct fuel injection with electronic control
- Closed system with forced feeding, oil cooling and filtering
- Plate heat exchanger, seawater cooled
- Electronic injection control (EDC)
- Electronic engine monitoring including diagnostic unit
- IMO Tier 2, RCD 94/25/EC, EPA Tier 2, 97/68/EC
- DIN EN 590

### specials V8-1200

- 2-stage exhaust turbocharger with intercooler

### Definition of light duty operation

- Annual operating hours: < 1,000
- Percentage of time at full load: ≤ 20 %
- Average load application: ≤ 50 %
- Particular operation conditions: no wide-open throttle below rated speed

### Typical applications

- Escort boats and patrol boats
- Ambulance boats
- Pleasure crafts
- Police boats

## MAN engines have outstanding qualities

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

## Technical features V8-1000 and V8-1200

Type of engine		V8-1000	V8-1200
Displacement	l	16.16	16.16
Maximum output to DIN ISO 3046-1 <sup>1)</sup>	kW (hp)	735 (1,000)	882 (1,200)
Rated speed	rpm	2,300	2,300
Maximum torque	Nm	3,350	4,010
at speed	rpm	1,300–2,100	1,200–2,100
Weight (dry)	kg	1,780	1,875
Fuel consumption at rated power	l/h	195	231

1) The ratings are only for operation of private yachts.

Dimensions		V8-1000	V8-1200
A-Overall width of engine	mm	1,153	1,153
B-Overall length of engine	mm	1,736	1,745
C-Overall height of engine	mm	1,236	1,222
D-Top of engine to crankshaft centre	mm	825	811
E-Length of engine from front end to edge of flywheel housing	mm	1,243	1,262

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

