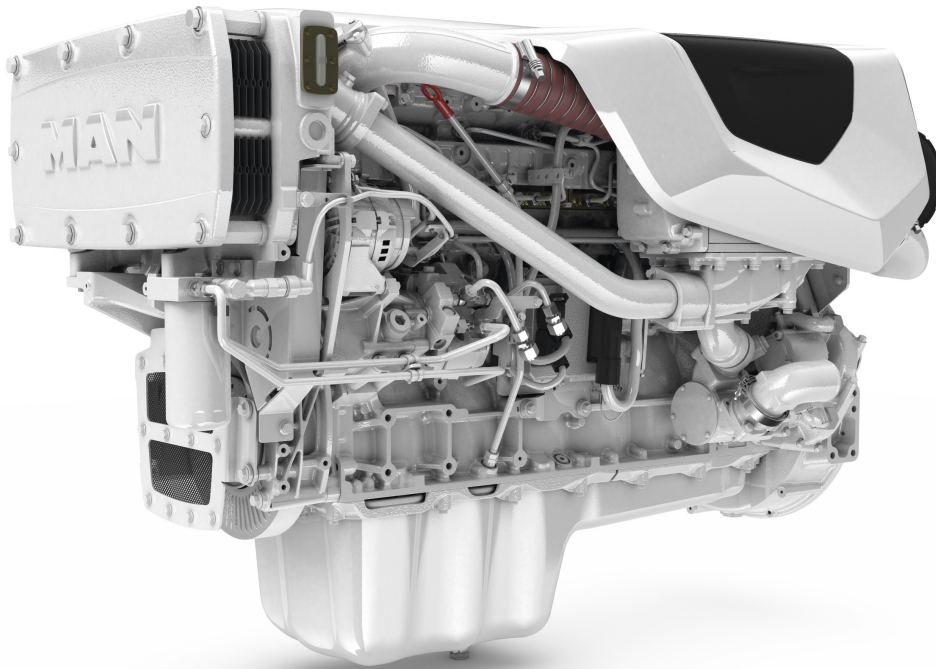




R6-730, R6-800

Engine description

Characteristics

- Cylinders and arrangement: 6 cylinders in-line
- Operation mode: 4-stroke diesel engine, watercooled
- Turbocharging: Turbocharger with charge air intercooler and waste gate
- 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 control: Electronic injection control (EDC)
Electronic engine monitoring including diagnostic unit
- Fuel: DIN EN 590

R6-730 and R6-800

Technical data



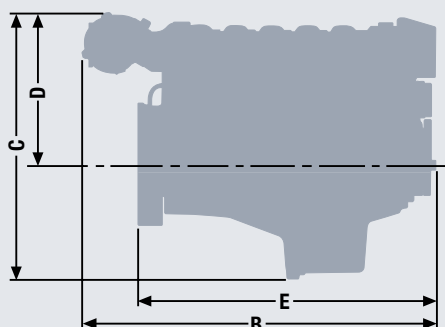
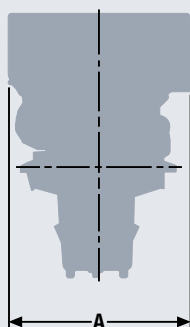
Technical features R6-730 and R6-800

Type designation		R6-730	R6-800
Displacement	l	12.82	12.82
Maximum output to DIN ISO 3046-1	kW (hp)	537 (730)	588 (800)
Rated speed	rpm	2,300	2,300
Maximum torque	Nm	2,450	2,700
at speed	rpm	1,200–2,100	1,300–2,100
Absolute fuel consumption at rated power ¹⁾	l/h	145	158
Exhaust gas status		IMO Tier 2, EPA Tier 3 ²⁾ , RCD 94/25/EC, 97/68/EC	IMO Tier 2, EPA Tier 3 ²⁾³⁾ , RCD 94/25/EC, 97/68/EC

1) Tolerance +5% according to DIN ISO 3046-1

2) Increased fuel consumption only with EPA Tier 3

3) for private use only



Dimensions R6-730 and R6-800

Type designation		R6-730/R6-800
A-Overall width	mm	910
B-Overall length	mm	1,634
C-Overall height – standard oil pan	mm	1,097
D-Top of engine to crankshaft centre	mm	683
E-Length of engine from front end to edge of flywheel housing	mm	1,356
Average weight of engine ready for installation (dry)	kg	1,305

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

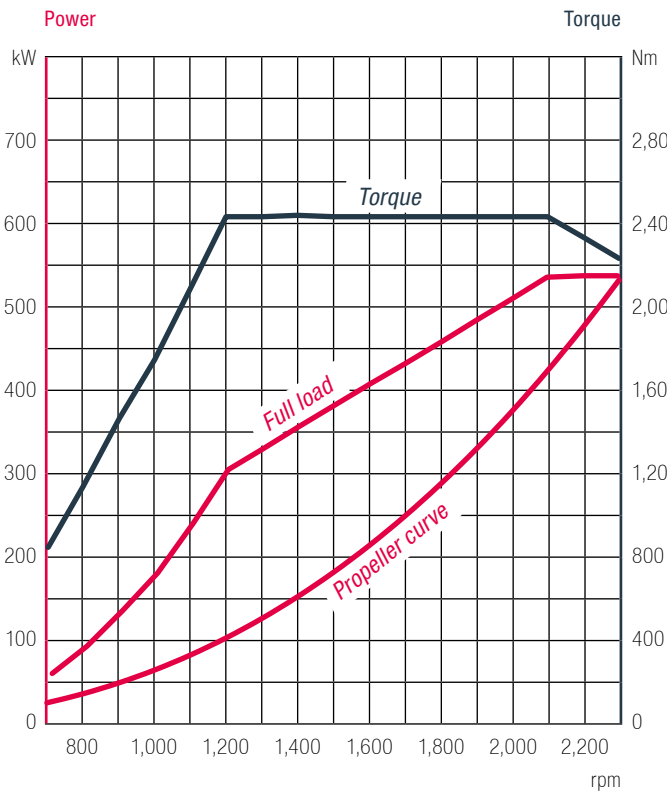
R6-730 and R6-800

Power charts

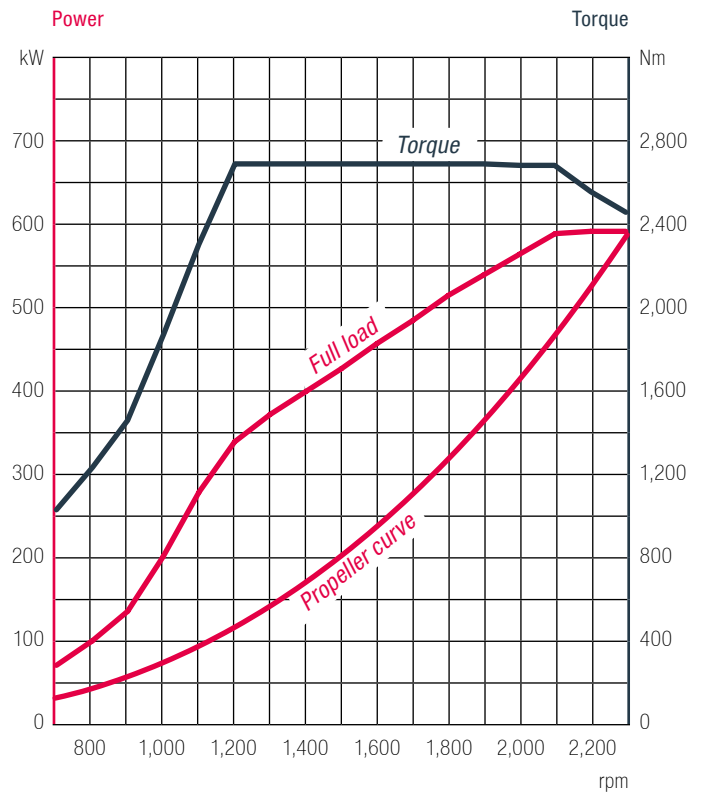


light duty

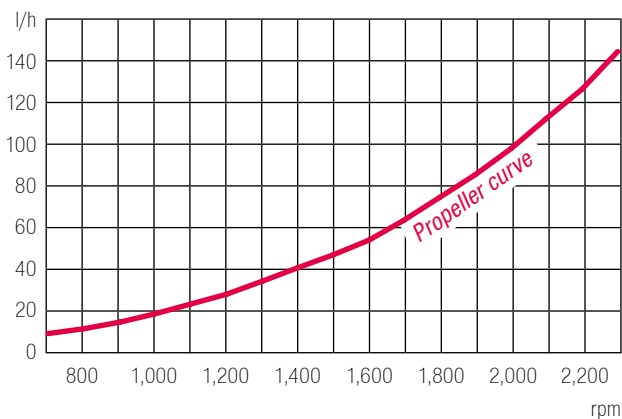
R6-730



R6-800



Absolute fuel consumption



Absolute fuel consumption

