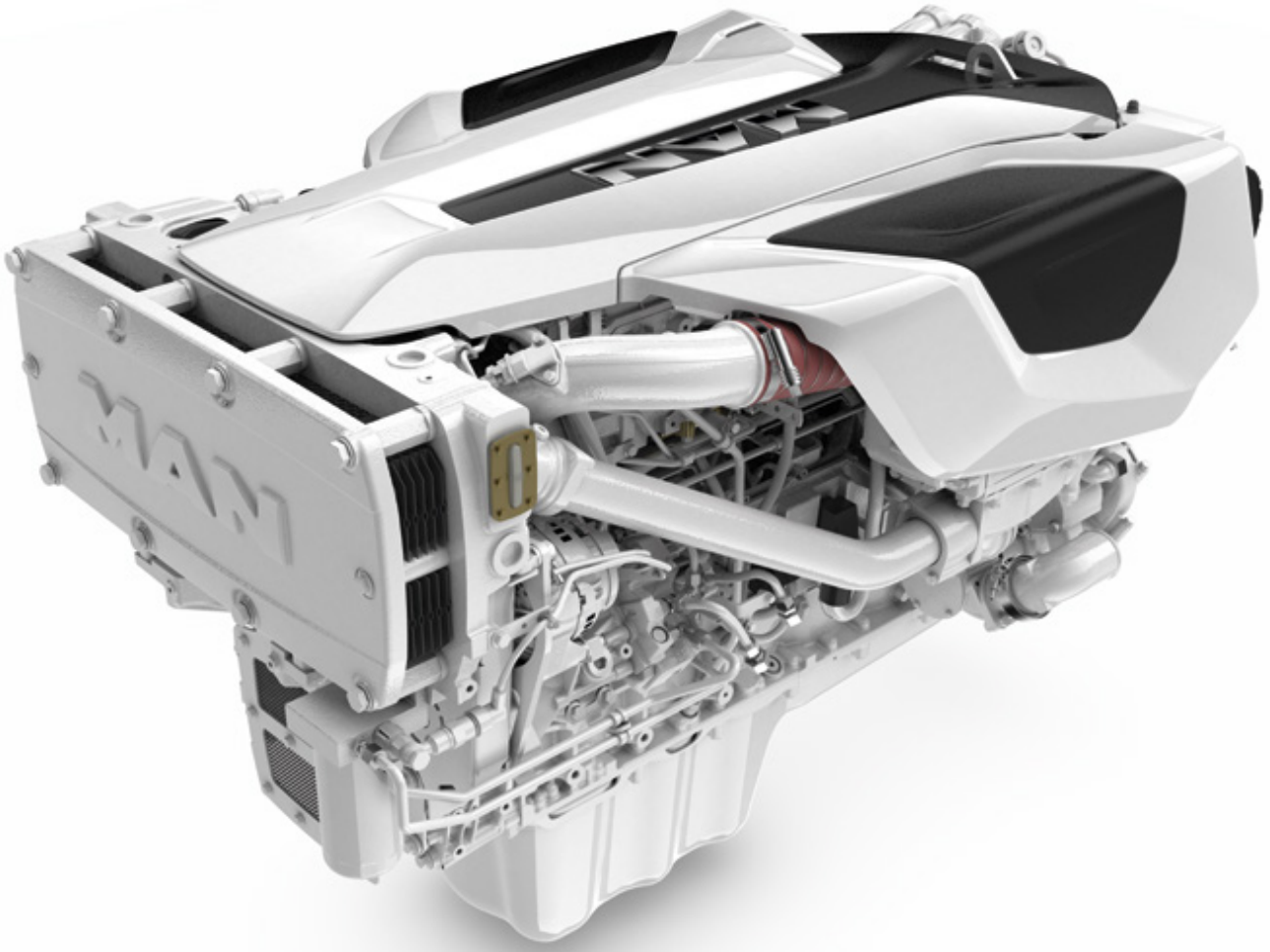


i6-730 and i6-800

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

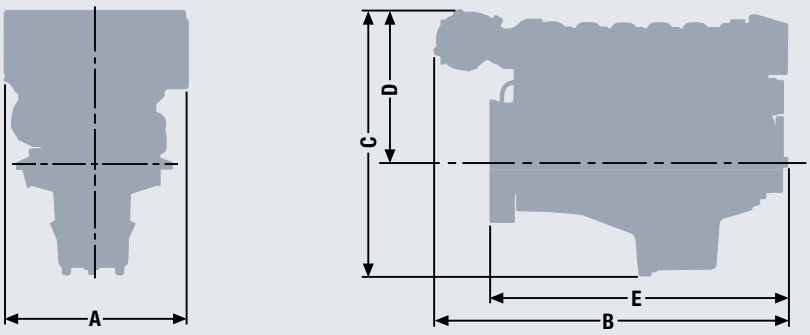
i6-730 and i6-800

Technical data

Technical features i6-730 and i6-800

Type designation		i6-730	i6-800
Displacement	l	12.42	12.42
Maximum output to DIN ISO 3046-1	kW (hp)	537 (730)	588 (800)
Rated speed	rpm	2,300	2,300
Maximum torque	Nm	2,445	2,674
at speed	rpm	1,300–2,100	1,400–2,000
Absolute fuel consumption at rated power [1]	l/h	142	158
Classifiable		✓	–
Exhaust gas status		IMO Tier 2, EPA Tier 3 [2] RCD 2013/53/EC, 97/68/EC	IMO Tier 2, EPA Tier 3 [2][3], RCD 2013/53/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 i6-730 and i6-800

Type designation		i6-730/i6-800
A-Overall width	mm	922
B-Overall length	mm	1,800
C-Overall height – standard oil pan	mm	1,103
D-Top of engine to crankshaft centre	mm	704
E-Length of engine from front end to edge of flywheel housing	mm	1,532
Average weight of engine ready for installation (dry)	kg	1,215

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

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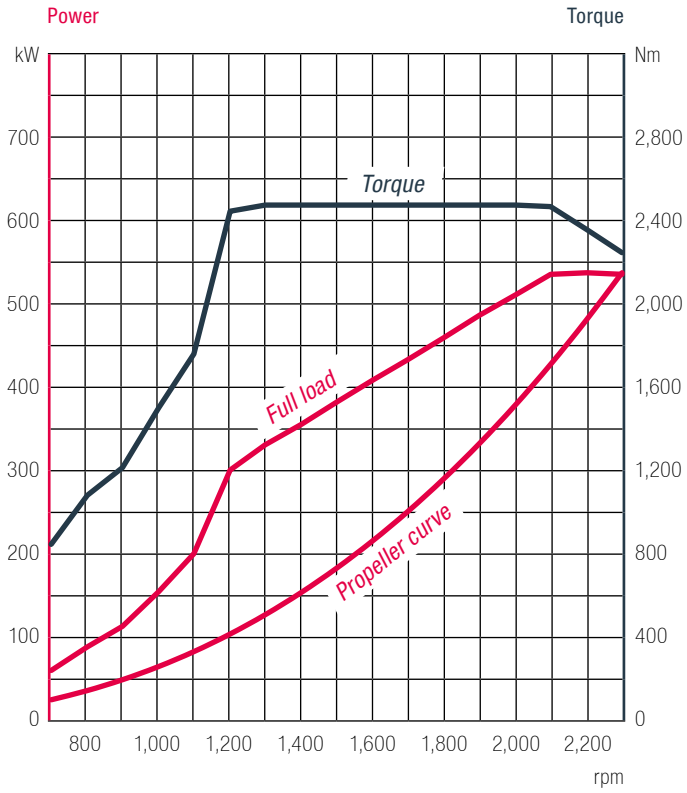
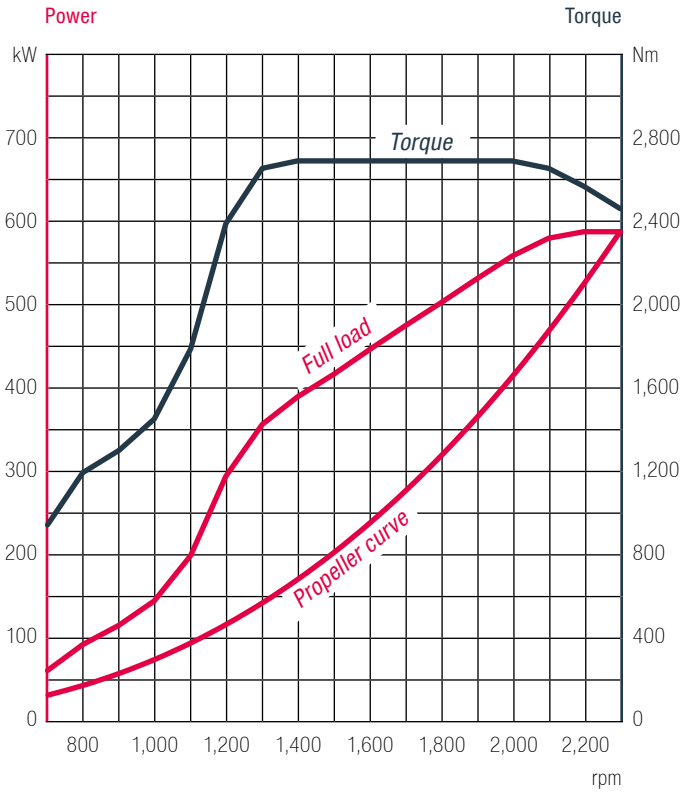
i6-730 and i6-800

Power charts

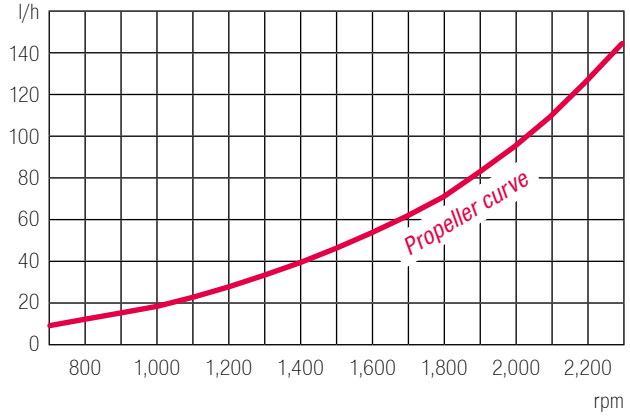
i6-730



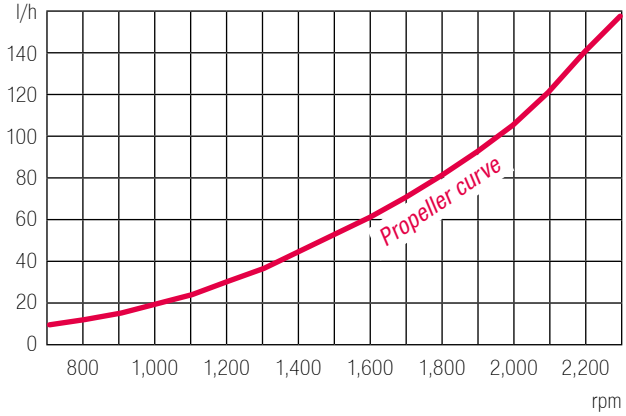
i6-800



Absolute fuel consumption



Absolute fuel consumption



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