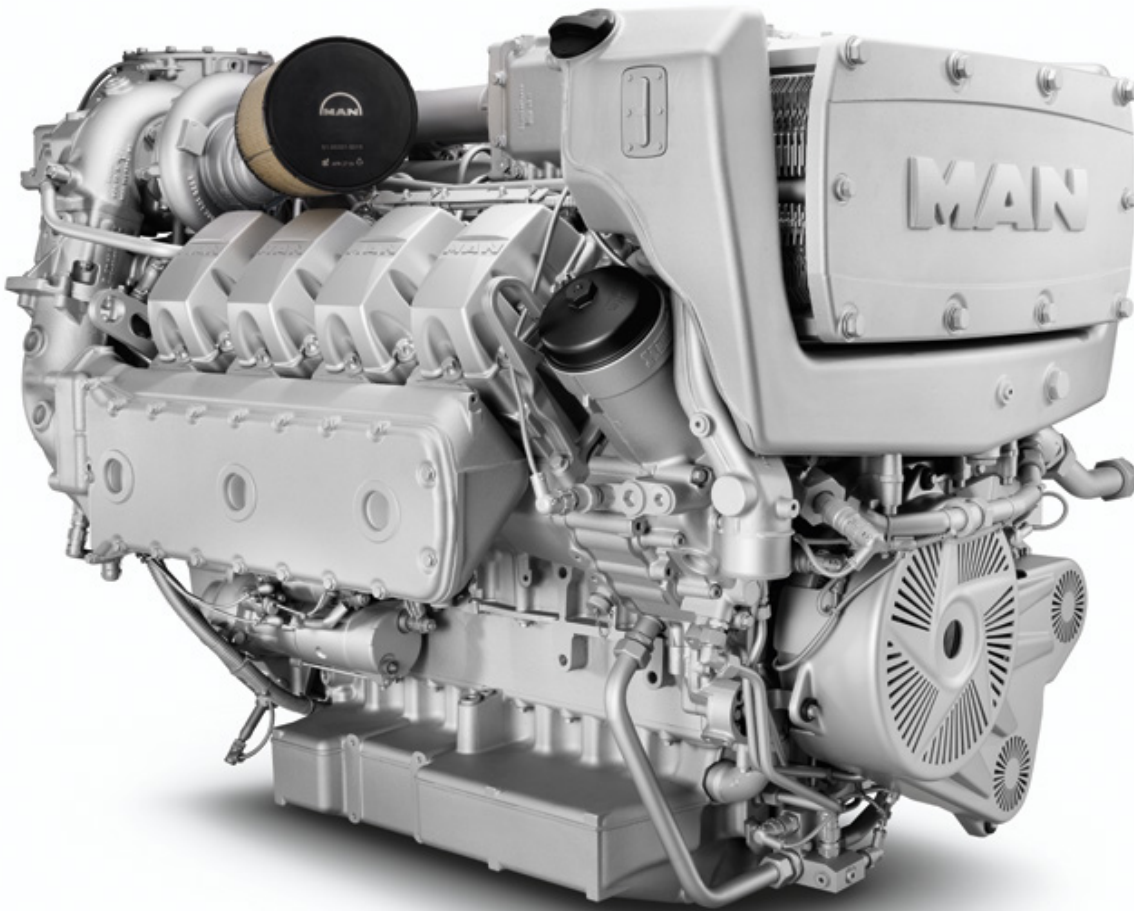




D2868

Engine description

Characteristics

- | | |
|------------------------------|---|
| ■ Cylinders and arrangement: | 8 cylinders in 90° V arrangement |
| ■ Operation mode: | 4-stroke diesel engine, watercooled |
| ■ Turbocharging: | Turbocharger with charge air intercooler and waste gate
(1-stage: D2686 LE 426, 2-stage: D2868 LE 436) |
| ■ 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: | Plate heat exchanger, seawater cooled |
| ■ Engine control: | Electronic injection control (EDC)
Electronic engine monitoring including diagnostic unit |
| ■ Fuel: | DIN EN 590 |

D2868

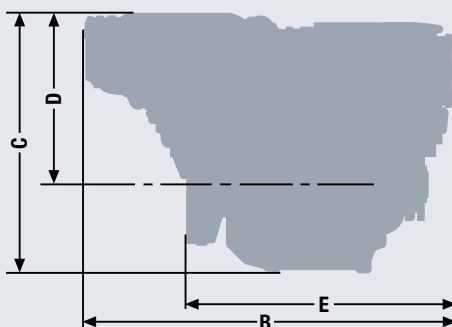
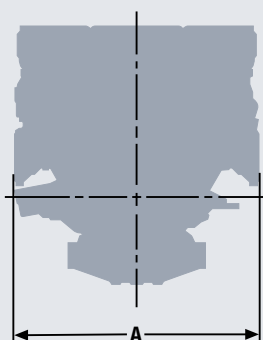
Technical data

Technical features D2868

Type designation		LE 426	LE 436
Displacement	l	16.16	16.16
Maximum output to DIN ISO 3046-1	kW (hp)	735 (1,000)	882 (1,200)
Rated speed	rpm	2,300	2,300
Maximum torque	Nm	3,340	4,010
at speed	rpm	1,300–2,100	1,200–2,100
Absolute fuel consumption at rated power ¹⁾	l/h	199	240
Exhaust gas status		IMO Tier 2, EPA Tier 3, RCD 94/25/EC, 97/68/EC	IMO Tier 2, EPA Tier 3 ²⁾ , RCD 94/25/EC, 97/68/EC

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

2) For private use only



Dimensions D2868

Type designation		LE 426	LE 436
A-Overall width	mm	1,153	1,153
B-Overall length	mm	1,745	1,745
C-Overall height	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
Average weight of engine ready for installation (dry)	kg	1,780	1,875

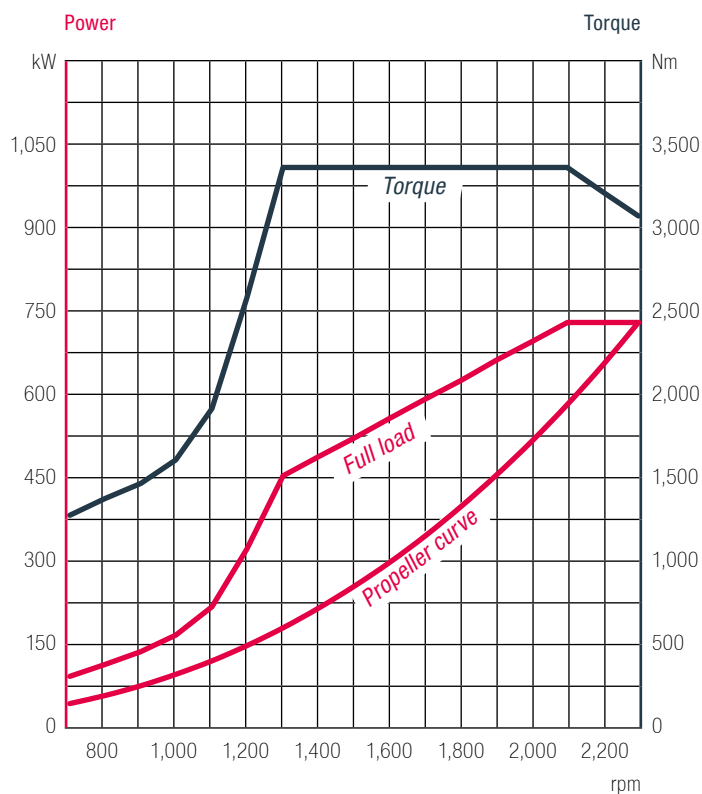
For detailed examinations of installation dimensions, please order drawings from our factory.

D2868

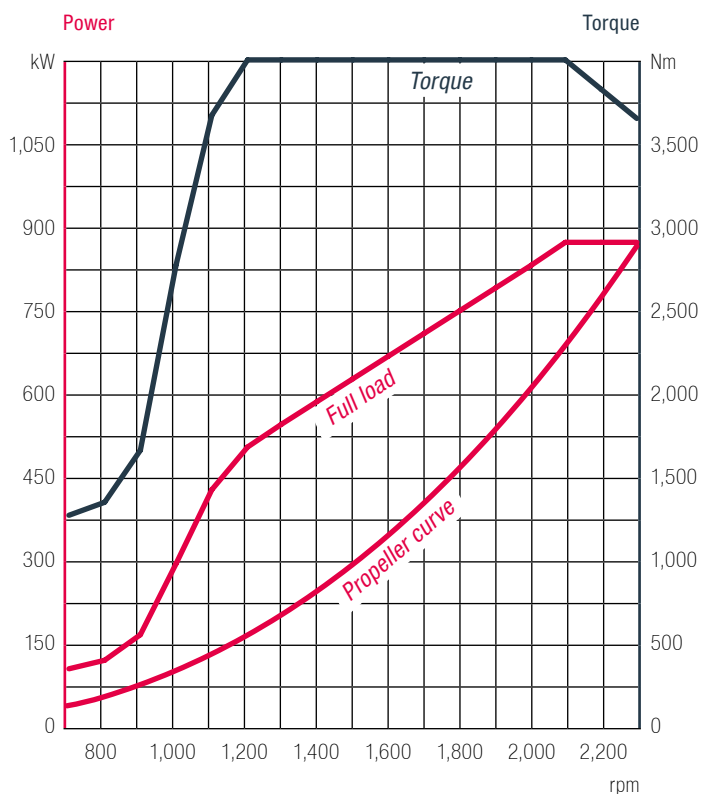
Power charts



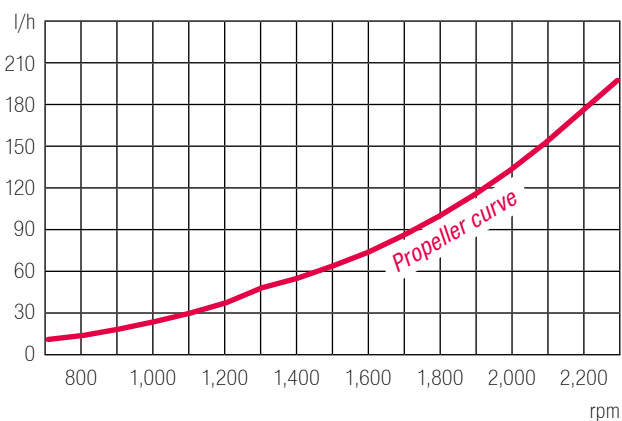
LE 426



LE 436



Absolute fuel consumption



Absolute fuel consumption

