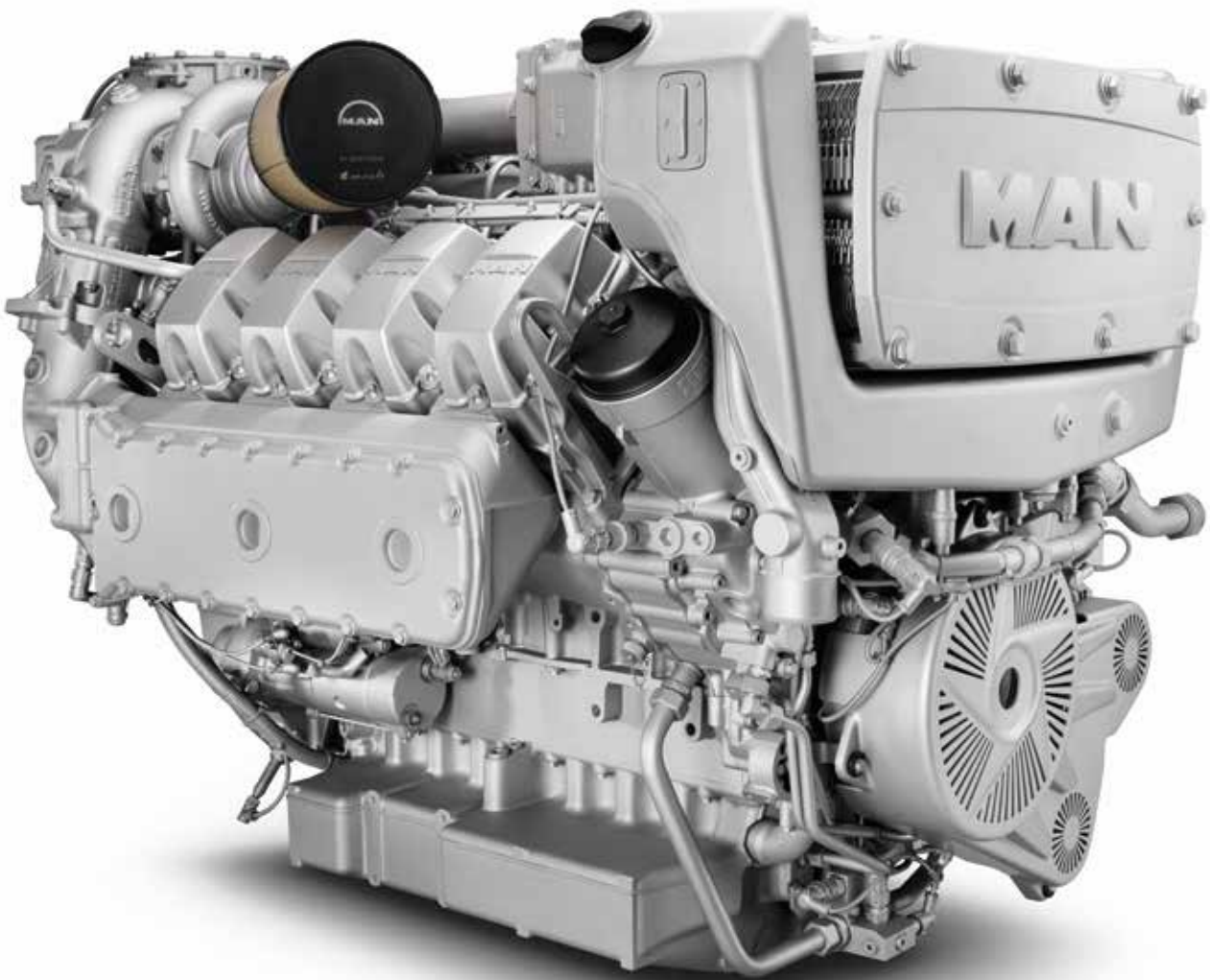


# D2868



## 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

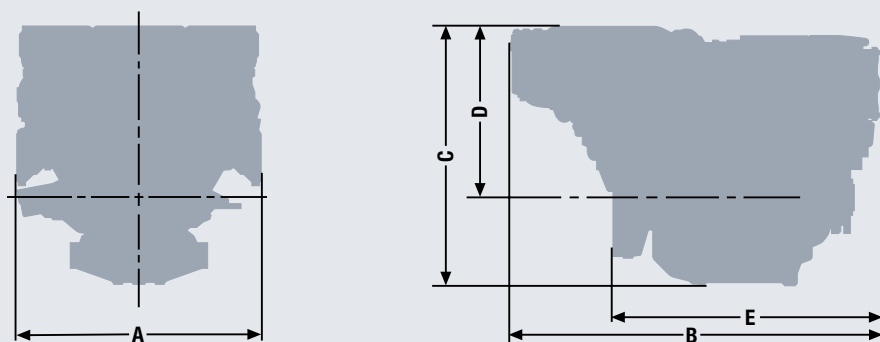
## Technical features

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
Lowest specific fuel consumption <sup>1)</sup>	g/kWh	209	205
Classifiable		–	–
Exhaust gas status		IMO Tier II, EPA Tier 3 <sup>3)</sup> , RCD 2013/53/EC, 97/68/EC	IMO Tier II, EPA Tier 3 <sup>2)</sup> , RCD 2013/53/EC, 97/68/EC

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

2) For private use only

3) Until 09/30/2017



## Dimensions

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	1,177	1,222
D-Top of engine to crankshaft centre	mm	765	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	1,880

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