

MAN engines have outstanding qualities

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

Technical data D2876

Type of engine		LE406	LE403	LE407
Bore	mm	128	128	128
Stroke	mm	166	166	166
Displacement	l	12.8	12.8	12.8
Compression ratio		15.5:1	15.5:1	15.5:1
Rotation looking on flywheel		left	left	left
Flywheel housing		SAE 1	SAE 1	SAE 1
Nominal rating ¹	kW (mhp)	280 (381)	331 (450)	360 (490)
Rated speed	rpm	1,800	1,800	1,800
Torque at rated speed	Nm	1,485	1,756	1,915
Maximum torque	Nm	1,630	1,971	2,076
at speed	rpm	1,500	1,400	1,150
Specific fuel consumption ²	g/kWh	222	223	222
Fuel consumption ²	l/h	74	88	96
Classifiable		✓	✓	✓

¹ The rating is according to DIN ISO 3046/1. ² Consumption at rated power.

Definition of heavy duty operation

Annual operating hours	> 3,000
Percentage of time at full load	≤ 100%
Average load application	≤ 100%

Typical applications

Trawlers
Tugs and pushboats
Freight barges and freighters
Ferries
Dredgers



