

Heavy Duty Operation

Engine model ¹⁾	No. of Cyl. ²⁾	Bore X Stroke (in)	Swept Volume		Speed rpm	Rating			Fuel usage Gal/hr	Dry weight (lbs) ³⁾
			(in ³)	(liters)		kW	HP(DIN)	HP(SAE)		
D 2866 E	6-I	5.0 x 6.2	731	11.9	1800	151	205	202	10.1	2172
D 2866 TE	6-I	5.0 x 6.2	731	11.9	1800	190	258	255	13.0	2205
D 2866 LXE	6-I	5.0 x 6.2	731	11.9	1800	250	340	335	15.5	2090
D 2848 LE	8V	5.0 x 5.6	892	14.6	1800	280	381	375	18.1	2662
D 2848 LE 402	8V	5.0 x 5.6	892	14.6	1800	353	480	473	24.0	2838
D 2840 LE 402	10V	5.0 x 5.6	1115	18.3	1800	441	600	591	29.0	3300
D 2842 LE 403	12V	5.0 x 5.6	1338	21.9	1800	514	699	688	35.0	3454

Operating hours per year

unlimited

Typical applications

*-Fishing trawler

Percentage of time at full load

100%

-Tug boats

Average load application

100%

-Pushing vessels

Particular operating conditions

None

-Cargo boats

-Freighters

-Ferries

Auxiliary Engines

Engine Model	Max. classifiable continuous output*	
	1500 rpm - 50Hz	1800 rpm - 60Hz
D 2866 E, TE, LE - I	115 - 244 kW 125 - 275 KVA	139 - 280 kW 150 - 310 KVA
D 2848 LE V	265 kW 300 KVA	310 kW 350 KVA
D 2840 LE V	320 kW 360 KVA	368 kW 415 KVA
D 2842 LE V	380 kW 430 KVA	437 kW 500 KVA

*Continuous output, 10% overload factor

EXPLANATION OF TERMS:

1) Engine model:

D = diesel engine, 0826, 2868, ... = model designation
T = with exhaust driven turbocharger
L = with exhaust driven turbocharger and intercooler
X = upgraded version
E = marine, industrial installations
401, 402, ... = marine application model designation

No reduction in rating for intake air temperatures of up to 113° F (45° C), and seawater temperatures of up to 90° F (32° C).

Rating is strictly in accordance with DIN 6271, ISO 3046.

SHP depends on gear selection. Average gear efficiency equals 98.5% of engine rating.

2) No. and arrangement of cylinders

I = in-line
V = cylinders in 90° V arrangement

Rating reductions relative to the installation condition are to be taken into account. Please confirm necessary de-rating and precise installation checks with MAN.

3) Weight of engine without gearbox or accessories

All specifications on this data sheet represent the status at the time of going to press. We reserve the right to introduce modifications in the interest of technical progress.