

德国 MAN 船用高速柴油发动机
MAN Diesel Engines for Marine Propulsion

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型号及规格表 · Table of model and data

型号 Engine model ¹⁾	气缸数量及排列 (R=直列) (V=90° V 型) ²⁾ Number of cylinders, arrangement ²⁾	①连续功率 (重负载) ³⁾ Continuous rating, heavy duty ³⁾	②连续功率 (中负载) ³⁾ Continuous rating, medium duty ³⁾	③最大功率 (轻负载) ³⁾ Maximum rating, light duty ³⁾	转速 / Speed	最大功率耗油量 Fuel consumption at max. rating	最大功率耗油量 Fuel consumption at max. rating	缸径 / 行程 / 排量 Bore / Stroke / Swept volume	长度 (连飞轮外壳) ⁵⁾ Length up to flywheel house edge ⁵⁾	宽度 ⁵⁾ / Width ⁵⁾	总高度 (连平底浅油槽) ⁵⁾ Height with flat oil pan ⁵⁾	高度 (顶部到曲轴中线) ⁵⁾ Height from top of engine to crankshaft centre ⁵⁾	主机平均安装干重 (含冷却系统、机座等) Average weight of engine ready for installation (dry)
		kW (PS) kW (HP) kW (ch)	kW (PS) kW (HP) kW (ch)	kW (PS) kW (HP) kW (ch)	1/min rpm tr/mn	g/kWh	l/h	mm/mm l	mm	mm	mm	mm	kg
D 0836 LE 402 ^{ESC}	6 R	-	265 (360)	-	2400	218	69	108/125	1127	740	925	590	730
D 0836 LE 401 ^{ESC}	6 R	-	-	331 (450)	2600	225	89	108/125	1127	740	925	590	730
D 2866 LXE 40	6 R	190 (258) 250 (340)	- 279 (379) 294 (400)	- - 324 (440)	1800 1800 2200	211 209 216	48 69 76	128/155 11.97	1448	897	1148	817	1020
D 2866 LXE 47	6 R	221 (300)	-	-	1800	210	55	128/155	1448	897	1148	817	1020
D 2866 LE 403	6 R	-	368 (500)	-	2100	227	99	128/155	1320	869	998	667	1160
D 2866 LE 405	6 R	-	-	449 (610)	2200	225	120	128/155	1320	869	998	667	1160
D 2876 LE 403	6 R	331 (450)	-	-	1800	213	84	128/166	1320	882	966	665	1290
D 2876 LE 402 ^{ESC}	6 R	-	412 (560)	-	2100	222	109	128/166	1320	882	966	665	1290
D 2876 LE 404 ^{ESC}	6 R	-	-	463 (630)	2200	220	121	128/166	1320	882	966	665	1290
D 2876 LE 401 ^{ESC}	6 R	-	-	515 (700)	2200	221	135	128/166	1320	882	966	665	1290
D 2876 LE 405 ^{ESC}	6 R	-	-	537 (730)	2200	221	141	128/166	1320	882	966	665	1290
R 6-800 ⁹⁾	6 R	-	-	588 (800)	2300	225	158	128/166	1320	882	977	665	1300
D 2848 LE 405	8 V	-	478 (650)	-	2100	215	122	128/142	1176	1230	1073	685	1390
D 2848 LE 403	8 V	-	-	588 (800)	2300	225	158	128/142	1176	1230	1063	685	1390
V 8-900 ⁹⁾	8 V	-	-	662 (900)	2300	227	179	128/142	1176	1230	1120	730	1500
D 2840 LE 401	10 V	-	478 (650)	-	2100	212	121	128/142	1334	1217	1071	660	1580
D 2840 LE 403 ^{ESC}	10 V	-	-	772 (1050)	2300	225	207	128/142	1334	1228	1117	685	1630
V 10-1100 ⁹⁾	10 V	-	-	809 (1100)	2300	225	217	128/142	1334	1230	1183	730	1750
D 2842 LE	12 V	441 (600)	-	-	1800	206	108	128/142	1638	1203	1171	769	1720
D 2842 LE 403	12 V	529 (720)	497 (676)	-	2100 1800	212 216	125 136	21.93 128/142	1491	1230	1105	685	1790
D 2842 LE 412	12 V	588 (800)	-	-	1800	212	148	128/142	1491	1230	1105	685	1790
D 2842 LE 401	12 V	-	588 (800)	-	2100	212	148	128/142	1491	1217	1082	662	1790
D 2842 LE 405	12 V	662 (900)	-	-	2100	218	172	128/142	1491	1230	1105	685	1790
D 2842 LE 413	12 V	-	735 (1000)	-	2100	227	199	128/142	1491	1230	1105	685	1790
D 2842 LE 410 ^{ESC}	12 V	-	809 (1100)	-	2100	213	205	128/142	1491	1230	1105	685	1860
D 2842 LE 407 ^{ESC}	12 V	-	-	882 (1200)	2300	227	238	128/142	1491	1230	1105	685	1860
V 12-1224 ⁹⁾	12 V	-	-	900 (1224)	2300	217	233	128/142	1491	1230	1185	730	2000
D 2842 LE 404 ^{ESC}	12 V	-	-	956 (1300)	2300	228	259	128/142	1491	1230	1105	685	1860
V 12-1360 ⁹⁾	12 V	-	-	1000 (1360)	2300	222	264	128/142	1491	1230	1185	730	2000
D 2842 LE 409 ^{ESC 9)}	12 V	-	-	1103 (1500)	2300	238	313	128/142	1491	1385	1270	800	2160
V 12-1550 ⁹⁾	12 V	-	-	1140 (1550)	2300	228	309	128/142	1491	1380	1270	800	2160

MAN Diesel engines for marine, harbour and emergency generating sets with ratings from approx. 100kVA to 750kVA. We will be pleased to send you further information on request.

MAN 高速柴油发动机 – 供船用、港口、应急发电机组的额定净值约为 100kVA 至 750kVA。详情，请向 **MAN** 工厂或代理商索取有关资料。

1. Engine model 发动机型号

- Water-cooled 4-stroke direct fuel injection engines
水冷 4 冲程直射喷油发动机
- D = diesel engine D = 柴油发动机
- After model no. : 型号后缀
- T = with exhaust-driven turbocharger T = 带废气涡轮增压器
- L = with exhaust-driven turbocharger and intercooler
L = 带废气涡轮增压器及中冷气
- 4xx and X = rating variant 4xx 和 X = 不同级别

2. No. and arrangement of cylinders

- R = vertically arranged in-line R = 直列
- V = cylinders in 90°V arrangement V = 汽缸 90°V 型排列

3. Rating ①, ②, ③ are to DIN ISO 3046/1 04.91 at 318K (45°C) (Classifiable rating on request)
功率等级 ①, ②, ③ 的工况要求, 按 DIN ISO 3046/1 04.91 在 318K (45°C) 标准

- No change in rating for intake air temperature 318K (45°C). 100kPa (1000 mbar) barometric pressure and 60% relative humidity, 305K (32°C) seawater temperature. Other ratings and engine-speed settings on request. Applications see leaflets.
- 进气温度 318K (45°C) 下, 功率不变。100kPa (1000 mbar) 大气压, 相对湿度 60%, 海水温度 305K (32°C)。其它发动机速度和功率的关系见单页资料。

4. Standard operating conditions 318K (45°C), 100kPa (1000 mbar). Classification society certificate available on request.

标准工况: 318K (45°C), 100kPa (1000 mbar), 等级认可根据要求可以提供。

5. For detailed installation studies ask the factory for installation drawings.

详细安装请向 MAN 工厂或代理商索取安装图。

6. Current only for operation of private yachts.

通常用在私人游艇。

All specifications in 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.

MAN 工厂保留更改以上内容权利。