



MARINE ENGINE

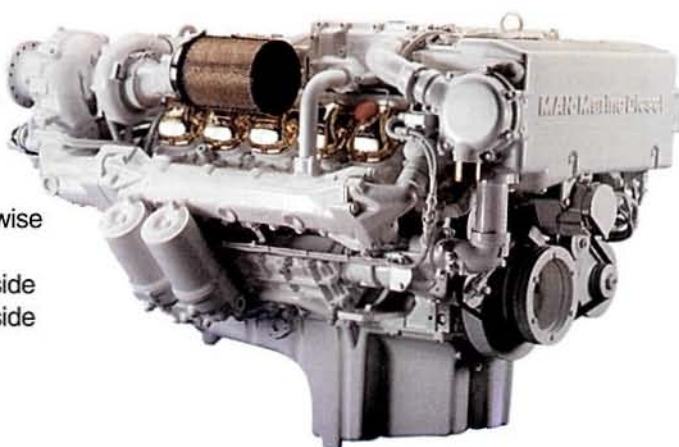
D2840LE4..

603 - 772 kW (820 - 1050 hp)

LIGHT DUTY OPERATION

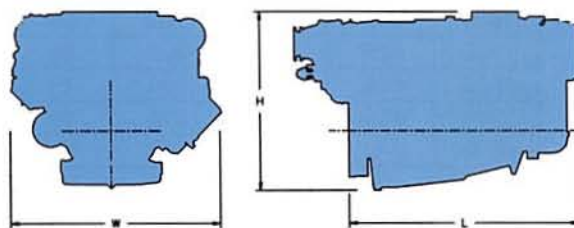
SPECIFICATIONS

Number of Cylinders	10
Configuration	90° V
Fuel	Diesel
Bore - mm (in)	128 (5.04)
Stroke - mm (in)	142 (5.59)
Displacement - L (in ³)	18.27 (1115)
Rotation (from flywheel end)	Counterclockwise
Compression Ratio	13.5 : 1
Governor	See reverse side
Engine Weight, Net Dry (approx.)	See reverse side
Capacity for Liquids - L (U.S. gal)	
Cooling System (engine only)	80 (21)
Lube Oil System (deep sump) max	22 (5.7)
Oil Change Interval (guideline)	200 hours
Rated RPM	2300



DIMENSION GUIDELINES

Model	L		H		W	
	mm	in	mm	in	mm	in
401	1333	52.5	1000	39.4	1212	47.7
403	1333	52.5	1033	40.7	1229	48.4



DEFINITION OF DUTY AND APPLICATIONS

Type of operation

Operating hours per year	up to 1000
Percentage of time at full load	up to 20%
Average load application	up to 50%
Particular operating conditions	rated rpm must be achieved at WOT (minimum)
Typical gearbox ratio	2:1

Typical applications - Yachts

- Light-weight fishing boats
- Fast patrol boats for Customs, Coast Guard, Police, Port Authorities
- Fast boats in emergency service
- Bow thrusters
- Fire pumps

MAN MARINE DIESEL ENGINE D2840LE4.. 603-772 kW (820-1050 HP)

PERFORMANCE DATA

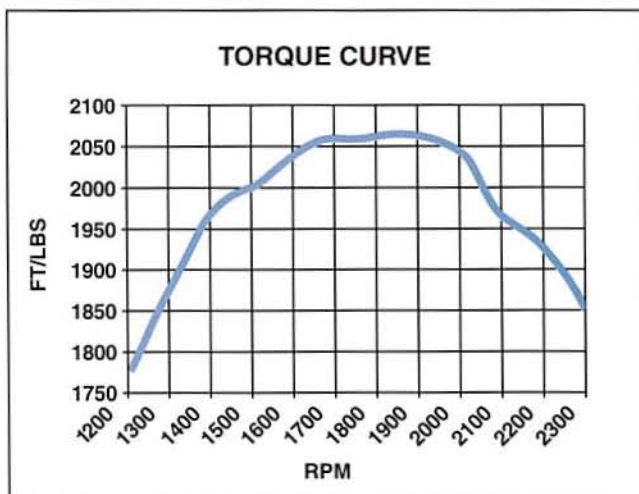
Model: LE401
820 HP

Mechanical governor

Weight: 1510 kg
3322 lbs

Power To Weight Ratio:
4.05 lbs per HP

RPM	OUTPUT (Full Load)		FUEL CONSUMPTION (Propeller Demand)		
	kW	HP	g/kWh	ltr/h	gal/hr
1200	302	411	222	31	8
1300	345	469	215	37	10
1400	390	530	208	43	11
1500	425	578	204	51	13
1600	461	627	201	58	15
1700	495	673	202	68	18
1800	525	714	203	79	21
1900	555	755	206	92	24
2000	578	786	209	106	28
2100	585	796	211	121	32
2200	600	816	213	137	36
2300	603	820	222	160	42



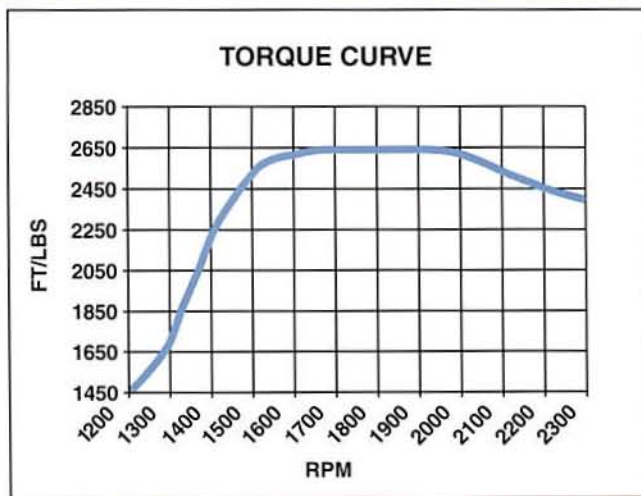
Model: LE403
1050 HP

Electronic governor

Weight: 1560 kg
3432 lbs

Power To Weight Ratio:
3.27 lbs per HP

RPM	OUTPUT (Full Load)		FUEL CONSUMPTION (Propeller Demand)		
	kW	HP	g/kWh	ltr/h	gal/hr
1200	245	333	234	33	9
1300	315	428	226	39	10
1400	440	598	215	45	12
1500	535	728	207	51	14
1600	590	802	203	59	16
1700	635	864	202	68	18
1800	665	904	203	79	21
1900	710	966	208	93	25
2000	740	1006	212	108	28
2100	750	1020	218	125	33
2200	765	1040	222	143	38
2300	772	1050	229	165	44



RATING CONDITIONS

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

* The ratings are based on reference conditions according to DIN 5271/ISO 1046/1, propeller curve calculated at 2.5 exponent.