



MARINE ENGINE

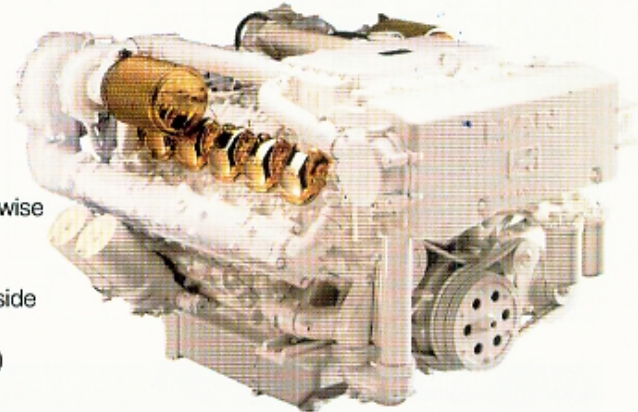
D2842LE4..

735 - 882 kW (1000 - 1200 hp)

LIGHT DUTY OPERATION

SPECIFICATIONS

Number of Cylinders	12
Configuration	90° V
Fuel	Diesel
Bore - mm (in)	128 (5.04)
Stroke - mm (in)	142 (5.59)
Displacement - L (in ³)	21.93 (1338)
Rotation (from flywheel end)	Counterclockwise
Compression Ratio	13.5 : 1
Governor	Mechanical
Engine Weight, Net Dry (approx.)	See reverse side
Capacity for Liquids - L (U.S. gal)	
Cooling System (engine only)	73-96 (19-25)
Lube Oil System (deep sump) max	32 (8.3)
Oil Change Interval (guideline)	200 hours
Rated RPM	2300



DIMENSION GUIDELINES

Model	L		H		W	
	mm	in	mm	in	mm	in
401	1490	58.7	1015	39.9	1211	47.6
406	1490	58.7	1040	40.9	1230	48.4



DEFINITION OF DUTY AND APPLICATIONS

Type of operation

Operating hours per year	up to 2000
Percentage of time at full load	5 to 15%
Average load application	25 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