



# MARINE ENGINE

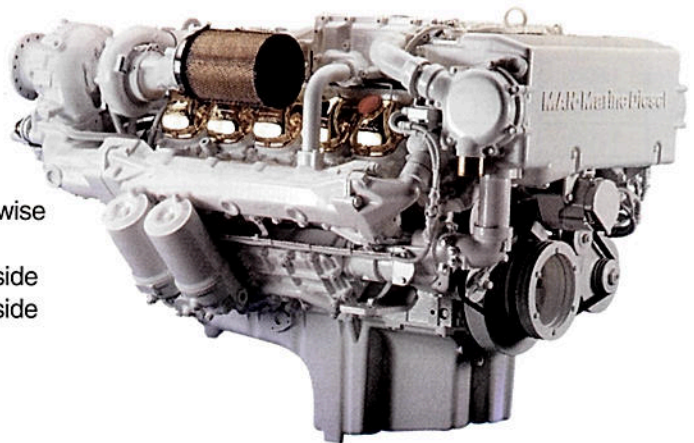
# D2840LE4..

603 - 772 kW (820 - 1050 hp)

## LIGHT DUTY OPERATION

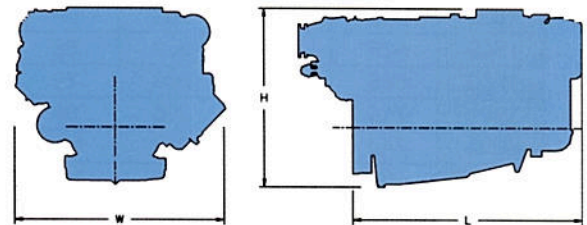
### SPECIFICATIONS

Number of Cylinders .....	10
Configuration .....	90° V
Fuel .....	Diesel
Bore - mm (in) .....	128 (5.04)
Stroke - mm (in) .....	142 (5.59)
Displacement - L (in <sup>3</sup> ) .....	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