



# MARINE ENGINE

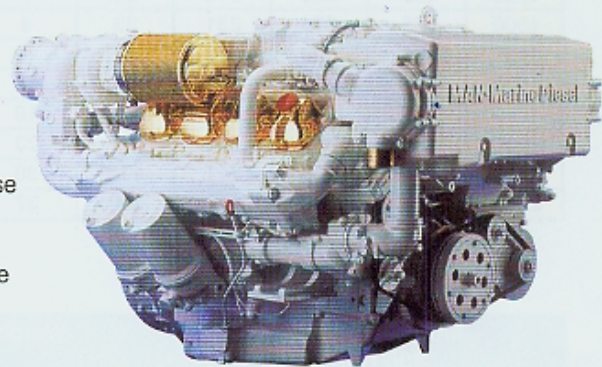
# D2848LE4..

500 - 588 kW (680 - 800 hp)

## LIGHT DUTY OPERATION

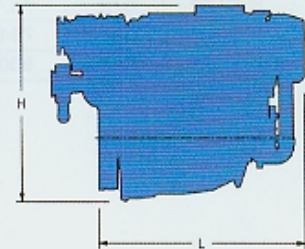
### SPECIFICATIONS

Number of Cylinders .....	8
Configuration .....	90° V
Fuel .....	Diesel
Bore - mm (in) .....	128 (5.04)
Stroke - mm (in) .....	142 (5.59)
Displacement - L (in <sup>3</sup> ) .....	14.62 (892)
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) .....	63-81 (16-21)
Lube Oil System (deep sump) max .....	18 (4.8)
Oil Change Interval (guideline) .....	200 hours
Rated RPM .....	2300



### DIMENSION GUIDELINES

Model	L		H		W	
	mm	in	mm	in	mm	in
401	1174	46	990	39	1216	47.9
403	1174	46	1015	40	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