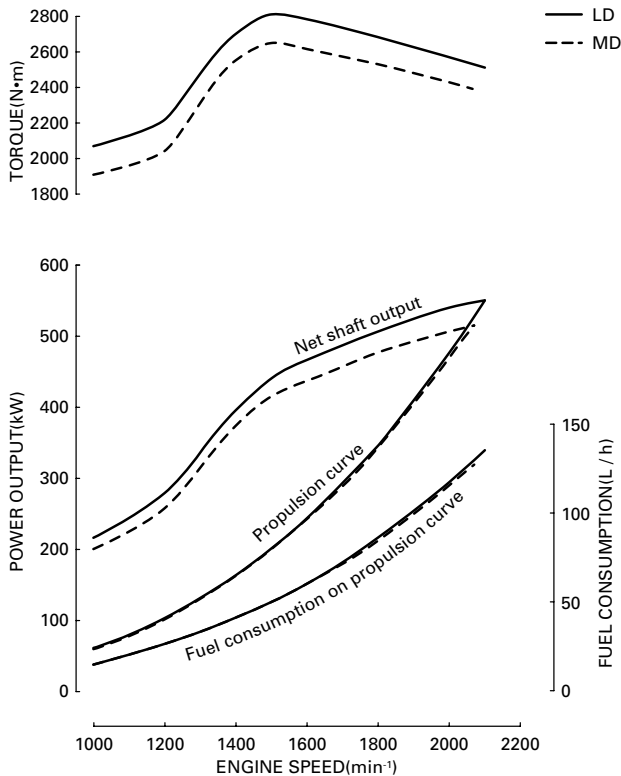


## 1. SPECIFICATIONS

Type	water cooled, four cycle, in-line overhead camshaft type
No. of cylinder	6
Bore X stroke (mm)	147 X 154
Total piston displacement (L)	15.681
Combustion Type	Direct injection type
Output light duty (kW(PS) / min <sup>-1</sup> )	537 (730) / 2100
Output medium duty (kW(PS) / min <sup>-1</sup> )	515 (700) / 2060
Stater (V-kW)	24 - 7.4
Alternator (V-A)	24 - 50
Engine stop	Electrical type
Ft. P.T.O capacity (kW / min <sup>-1</sup> )	350 / 1800
Aspiration	Turbocharged with intercooler
Marine gear model	MGN 80B
Reduction gear ratio	1.68, 2.03, 2.55, 2.96, 3.31, 3.48
Dry weight (with marine gear)(kg)	2,021
Overall dimensions (mm)	
Length X width X height	2064 X 1066 X 1275
Firing order	1 - 5 - 3 - 6 - 2 - 4
Fuel injection timing: BDTc (deg.)	19
Specified fuel	Diesel fuel (ASTM D975 No2-D)
Injection pump	In-line plunger, Bosch P type
Governor	Mechanical, All speed control, Bosch RFD type
Turbochager model	MHI TD13
Installation angle (deg.)	0 to 12
Fuel suction head (m)	1
Exhaust back pressure (kPa)	10.7(Max allowable)
Recommended exhaust pipe (mm)	φ 152.4 for dry φ 203.2 for mixing

## 2. PERFORMANCE

MD:MEDIUM DUTY LD:LIGHT DUTY



## 3. ACCESSORY PARTS

*Meter board*  
*Stud bolt ; Anchor*  
*Plate ; Engine installation*  
*Plate ; Marine gear installation*  
*Control head*  
*Belt ; Alternator (spare)*  
*Relay ; Battery*  
*Impeller ; Seawater*  
*Fuel hose*  
*Bilge pump*  
*Rubber hose ; Seawater*  
*Shim ; Engine plate*  
*Harness ; Extension*

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