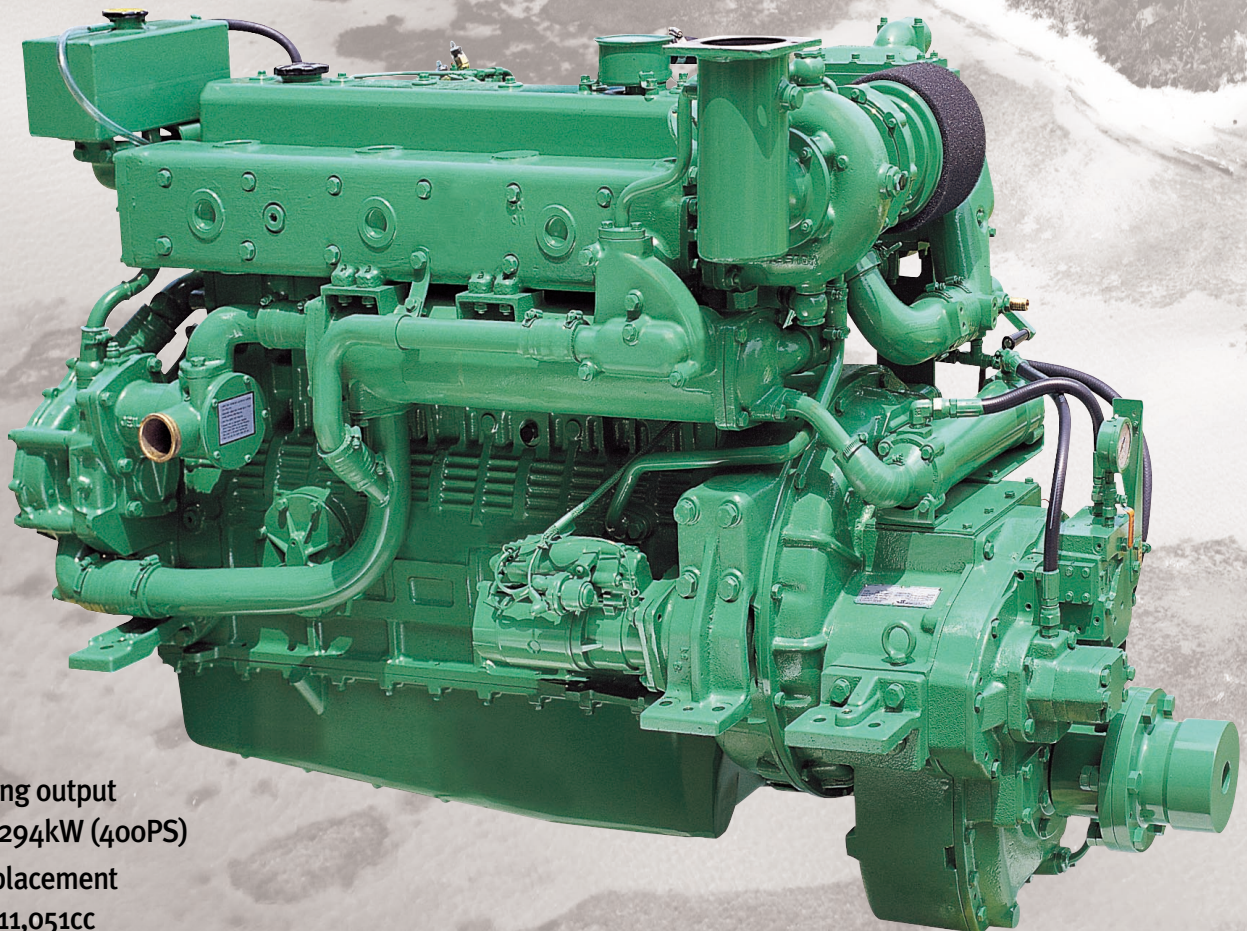


## Marine Diesel Engine

# L126TI

- Compact Design
- Excellent Performance
- Low Fuel Consumption
- Easy Maintenance



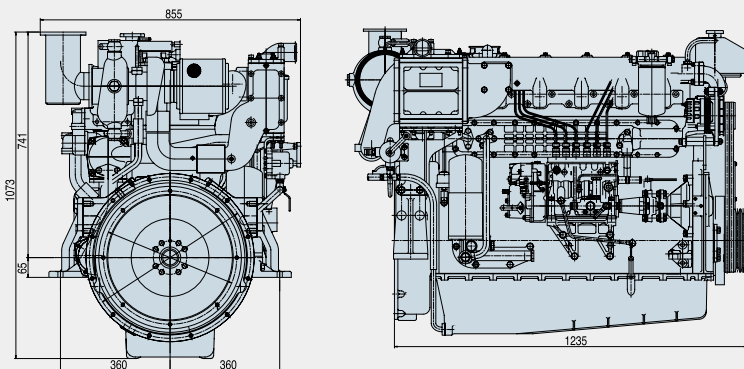
- Rating output
  - 294kW (400PS)
- Displacement
  - 11,051CC
- Dimension (L × W × H)
  - 1,235 × 855 × 1,073mm
  - Without Reduction Gear

## Main Specification

Model	Units	L126TI (DE12TIB)	
		L126TIH	L126TIM
Engine type		4cycle, In line, direct-injection, water cooled with wet turbo charger & inter-cooler	
Rating output	PS(kW) / rpm	360(265) / 2,000	400(294) / 2,100
Displacement	c c	11,051	
Cylinder number - bore × stroke	mm	6 - 123 × 155	
Low idling rpm	rpm	725 ± 25	
No load max. rpm	rpm	below 2,200	below 2,310
Compression ratio		17 : 1	
Firing order		1 - 5 - 3 - 6 - 2 - 4	
Governor type of injection pump		Mechanical variable speed (R.Q.V)	
Fuel consumption(only Ref.)	g / PS.h	154	159
	lit / h	67	77
Starting system		Electric Starting by starter motor	
Starter motor capacity	V - kW	24 - 6.0	
Alternator capacity	V - A	24 - 50	
Battery	V - Ah	24 - 150	
Cooling system		Indirect sea water cooling with heat exchanger	
Cooling water capacity	Max. / Min.	lit 24 / 19	
Fresh water pump type		Centrifugal type, driven by gear	
Sea water pump type		Rubber impeller type driven by gear	
Lubricating oil(Engine)	Pan capacity	lit Max : 25, Min : 19 (Engine total : 27)	
Direction of revolution	Crankshaft	Counter clockwise viewed from stern side	
Engine size(L×W×H)	Without M/G	mm	1,235×855×1,073
Engine dry weight	Without M/G	kg	1,060

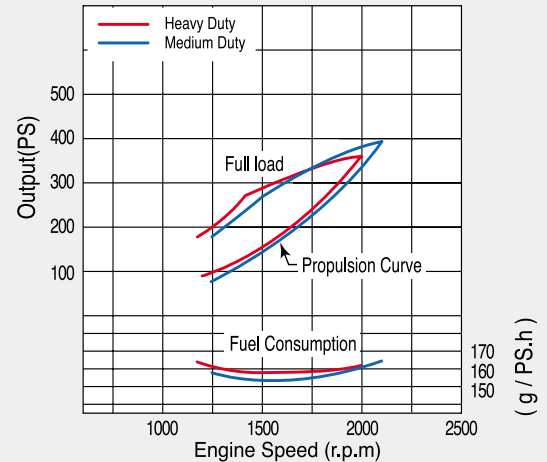
※ H : Heavy Duty, M : Medium Duty, L : Light Duty

## Engine Dimension



## Performance Curve

- Heavy duty : 265kW(360PS)@2,000rpm
- Medium duty : 294kW(400PS)@2,100rpm



### Marine rating to ISO 3046

#### (1) Heavy Duty

Operation hours are unlimited per year, at average load is up to 90 %, at full load is up to 80 %  
Typical gearbox ratio: 2.5 ~ 6  
(Fishing trawler, Tug boat, Pushing vessel, Cargo boat, Freighter, Ferry)

#### (2) Medium Duty

Operation hours are up to 3,000 per year, at average load is up to 70 %  
At full load is (up to 30 % / 4hrs per 12 hour operation period)  
Typical gearbox ratio: 2 ~ 3.5  
(Fishing boat, Pilot boat, Escort boat, Passenger boat, Ferry, Cruising vessel)

#### (3) Light Duty

Operation hours are up to 1,000 per year, at average load is up to 50 %  
At full load is (up to 20 % / 2hrs per 12 hour operation period)  
Typical gearbox ratio: 1 ~ 2.5  
(Light weight fishing boat, Yacht, Coastguard boat, Fast boat, Fire pump, Navy)

(Dec.2006)



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AUTHORIZED DEALER

\* Specifications are subject to change without prior notice.