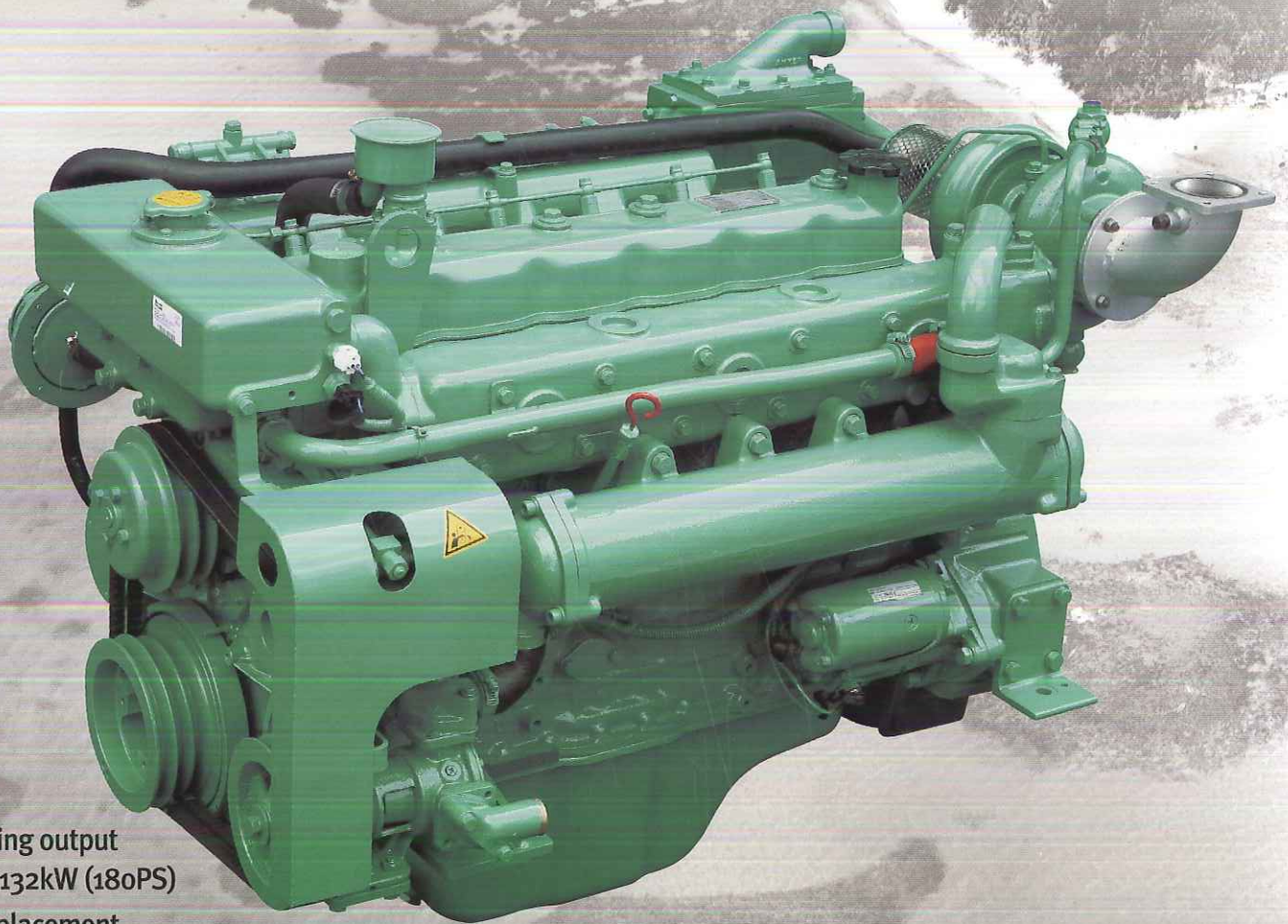




Marine Diesel Engine L066TI

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



- Rating output
 - 132kW (180PS)
- Displacement
 - 5,785cc
- Dimension (L×W×H)
 - 1,352 × 800 × 917mm
 - Without Reduction Gear

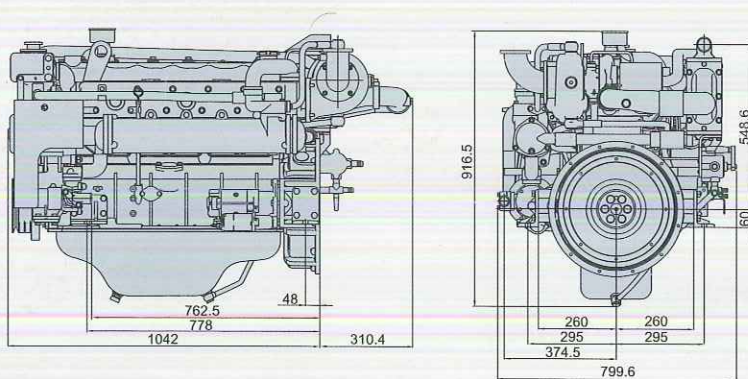
**Doosan Infracore
Engine**

Main Specification

Model	Units	L066TI
Engine type		4cycle, In line, direct-injection, water cooled with turbo charger & inter-cooler
Rating output	PS(kW) / rpm	180(132)/2,200
Displacement	cc	5,785
Cylinder number - bore × stroke	mm	6 - 102 × 118
Flywheel housing & fly wheel(inch)		SAE 3 & 11 1/2
Low idling rpm	rpm	725 ± 25
No load max. rpm	rpm	below 2,530
Compression ratio		19.5 : 1
Firing order		1 - 5 - 3 - 6 - 2 - 4
Governor type of injection pump		Mechanical all speed (R.S.V)
Fuel consumption(only Ref.)@ rated power	g / PS.h	166.8
	liter/h	35.87
Starting system		Electric Starting by starter motor
Starter motor capacity	V - kW	24 - 4.5
Alternator capacity	V - A	24 - 45
Battery	V - Ah	24 - 100
Cooling system		Indirect sea water cooling with heat exchanger
Cooling water capacity	Max. / Min.	lit 25 / 20
Fresh water pump type		Centrifugal type, driven by V-belt
Sea water pump type		Rubber impeller type driven by V-belt
Lubricating oil(Engine)	Pan capacity	lit Max : 19, Min : 14 (Engine total : 21)
	Pressure	kg/cm ² Full : 3.5, Idle : 1.2
Direction of revolution	Crankshaft	Counter clockwise viewed from stern side
Engine Size(L×W×H)	Without M/G	mm 1,352×800×917
Engine dry weight	Without M/G	kg 535

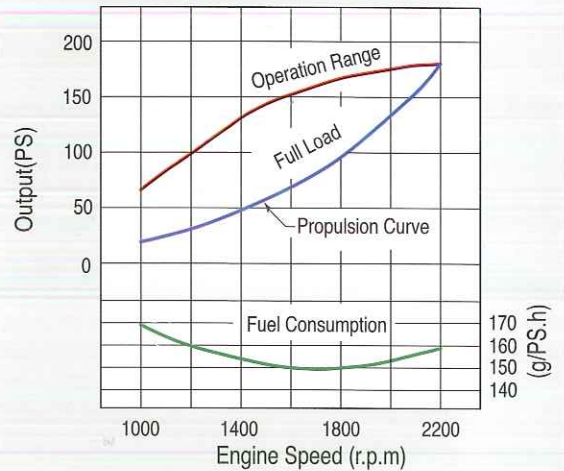
※H : Heavy Duty, M : Medium Duty, L : Light Duty

Engine Dimension



Performance Curve

· Heavy duty : 132kW(180PS)@2,200rpm



Marine rating to ISO 3046

(1) Heavy Duty

- Operation hours : unlimited per year, unlimited per day
- Average load application : up to 90%
- Percentages of time at full load : up to 80%
- Typical gearbox ratio : 2.5~6
- * Application : Fishing trawler, Tug boat, Pushing vessel, Cargo boat, Freighter

(2) Medium Duty

- Operation hours : up to 3,000hr per year, up to 10hrs per day
- Average load application : up to 70%
- Percentages of time at full load : up to 30%
- Typical gearbox ratio : 2~3.5
- * Application : Pilot boat, Escort boat, Passenger boat, Freighter, Ferry, Cruising vessel

(3) Light Duty

- Operation hours : up to 1,000hr per year, up to 5hrs per day
- Average load application : up to 50%
- Percentages of time at full load : up to 20%
- Typical gearbox ratio : 1~2.5
- * Application : Yacht, Cruising vessel, Fast boat, Fire pump

(Jan.2013)

AUTHORIZED DEALER

Doosan Infracore Engine

21/F, Doosan Tower, 18-12, Euljiro 6-ga,
Jung-gu, Seoul, 100-730, Korea.
Tel : 82 2 3398 8400
Fax : 82 2 3398 8509
Email : doosanmarine@doosan.com
http://engine.doosaninfracore.co.kr

* Specifications are subject to change without prior notice.