

# HYUNDAI

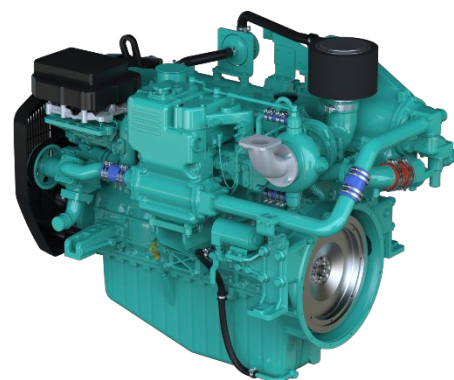
# 4L066C



MARINE

## Power Rating

Conditions	Model	Max. Power		rpm	Emission
		kW	PS		
Continuous Duty	4L066CA(C)	184	250	1800	IMO Tier II/III EPA Tier 3 RCD
	4L066CB(C)	162	220	1800	
	4L066CC(C)	129	176	1800	
Heavy Duty	4L066CA(H)	210	285	2100	
	4L066CB(H)	184	250	2100	
	4L066CC(H)	169	230	2100	
	4L066CD(H)	129	176	2100	
	4L066CE(H)	96	130	2100	
Medium Duty	4L066CA(M)	221	300	2300	
	4L066CB(M)	199	270	2300	
	4L066CC(M)	177	240	2300	

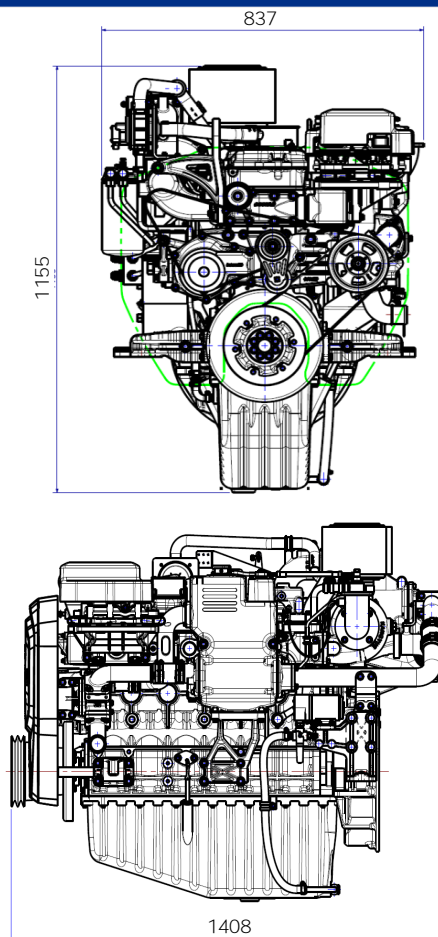


\* No reduction in rating for intake air temperature is up to 45°C (318K) and sea water temperature is up to 32°C (305K), relative humidity is up to 60%

\* All data are based on operation to ISO 3046. Performance tolerance of ±3%

## Engine Specifications

Engine Model	4L066C (DL06)
Cylinders and Arrangement	6-cylinder / L type
Bore x Stroke	100 x 125 mm
Displacement	5.9 liter
Compression Ratio	17.0 : 1
Firing Order	1-5-3-6-2-4
Direction of Revolution	Counterclockwise viewed from Flywheel
Fuel system	Common rail controlled by ECU
Starting system	Electric starting by starter motor
Starter motor capacity	24V - 6.0A
Alternator capacity	24V - 80Ah
Battery	24V - 200Ah
Aspiration	Water cooled with turbo charger & Inter-cooler
Flywheel Housing	SAE #2 (FW: 11.5")
Cooling system	Indirect sea water cooling with heat exchanger / Keel Cooling
Cooling water capacity	26 liter
Fresh water pump type	Centrifugal (Pulley type)
Sea water pump type	Rubber Impeller
After Treatment System	IMO Tier-II / EPA Tier 3: Not Required IMO Tier-III : SCR
Lubricant Oil	Oil pan capacity Max : 32 liter, Min : 14 liter
Oil Pressure	Full load : 3.0, Idle : 1.0 (kg /cm <sup>2</sup> )
Dimension (L x W x H)	1408 x 837 x 1155 mm
Dry Weight	753 kg



### Key Features and Benefit

#### High Performance

- Advanced fuel injection system with common rail
- Compliance with emission regulation (IMO Tier II/III, EPA Tier 3)
- High-efficiency SCR
- Smoke reduction
- Increased durability of key components

#### Convenience

- Auto tensioner
- Turning device
- Electrical oil drain pump
- CCV for engine room cleanliness

#### Economical

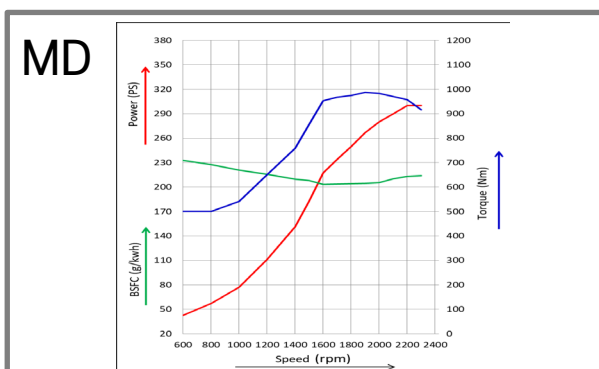
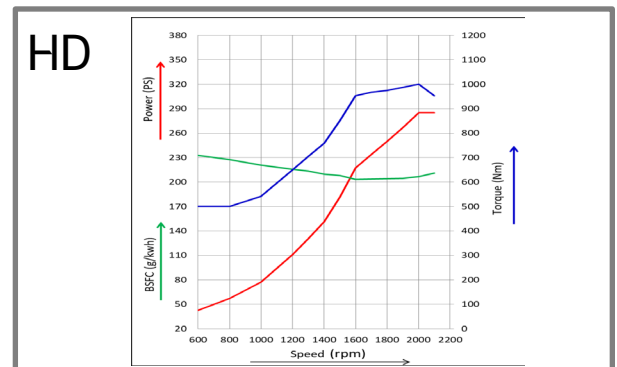
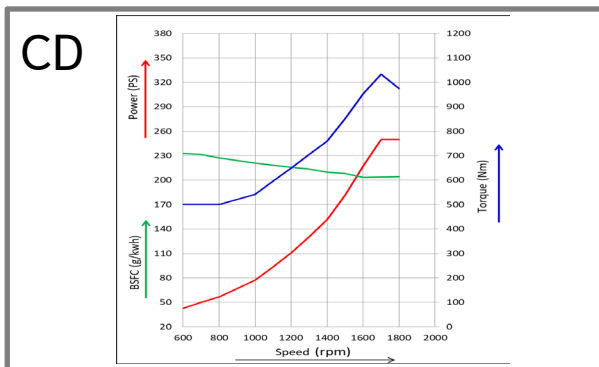
- Decreasing fuel consumption to average 5% by downsizing
- Increased oil & filter replacement cycle (250hr → 500hr)

#### Warranty

- Maximum 3 years warranty provided through extended warranty option

### Performance Curve

• CD(Continuous Duty) / HD(Heavy Duty) / MD(Medium Duty) / LD(Light Duty)



※ Specifications are subject to change without prior notice.

