

HYUNDAI

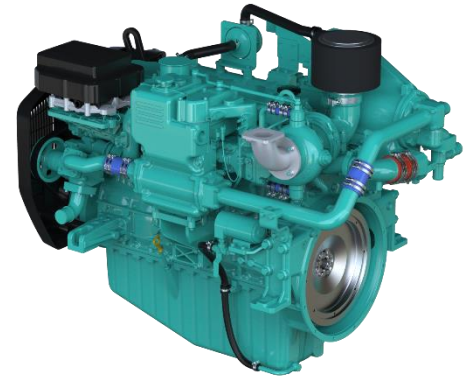
4L066C



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	

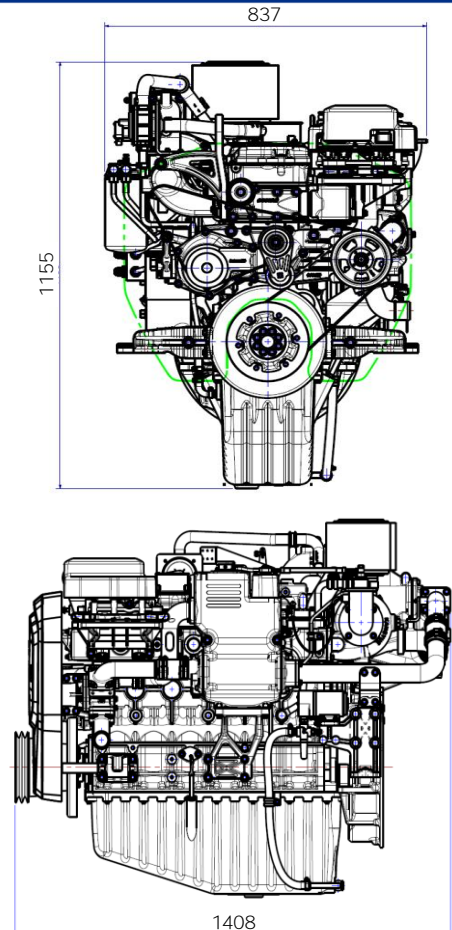


* No reduction in rating for intake air temperature is up to 45°C (318K) and sea water temperature is up to 32°C (305K), relative humidity is up to 60%

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

Engine Specifications

Engine Model	4L066CASH (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 stern side	
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
	Pressure	Full load : 3.0, Idle : 1.0 (kg /cm ²)
Dimension (L x W x H)	1408 x 837 x 1155 mm	
Dry Weight	750 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

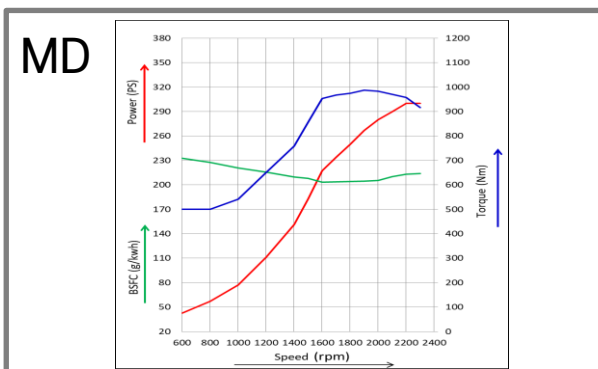
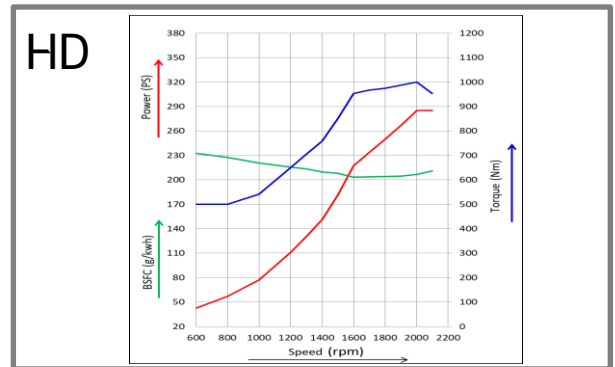
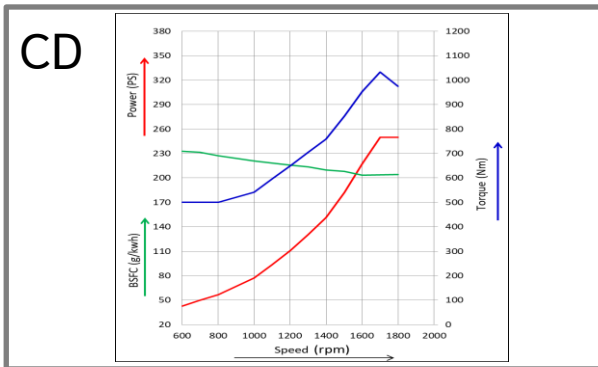
- Decreasing fuel consumption to average 5% by downsizing
- Increased oil & filter replacement cycle (250hr → 500hr)

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.

