

HYUNDAI

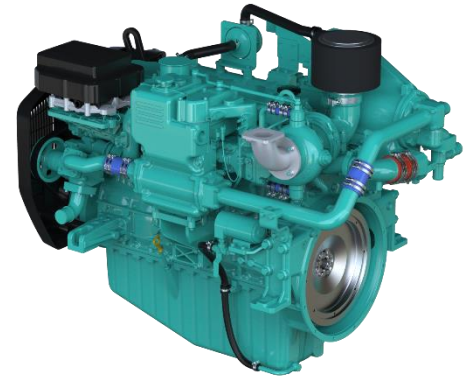
4L066C



MARINE

Power Rating

| Conditions | Model | Max. Power | | rpm | Emission |
|-----------------|------------|------------|-----|------|--------------------------------------|
| | | kW | PS | | |
| Continuous Duty | 4P066CA(C) | 184 | 250 | 1800 | IMO Tier II/III EPA Tier 3 RCD |
| | 4P066CB(C) | 162 | 220 | 1800 | |
| | 4P066CC(C) | 129 | 176 | 1800 | |
| Heavy Duty | 4P066CA(H) | 210 | 285 | 2100 | |
| | 4P066CB(H) | 184 | 250 | 2100 | |
| | 4P066CC(H) | 169 | 230 | 2100 | |
| | 4P066CD(H) | 129 | 176 | 2100 | |
| | 4P066CE(H) | 96 | 130 | 2100 | |
| Medium Duty | 4P066CA(M) | 221 | 300 | 2300 | |
| | 4P066CB(M) | 199 | 270 | 2300 | |
| | 4P066CC(M) | 177 | 240 | 2300 | |

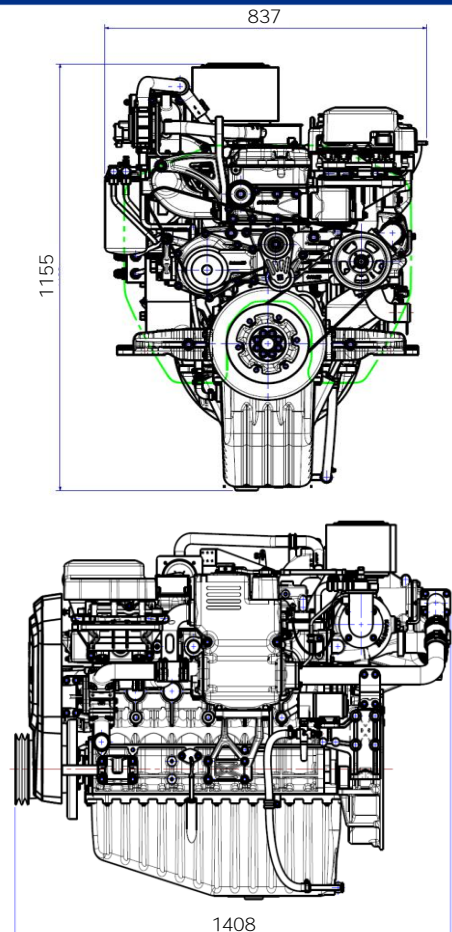


* No reduction in rating for intake air temperature is up to 45°C (318K) and sea water temperature is up to 32°C (305K), relative humidity is up to 60%

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

Engine Specifications

| | | |
|---------------------------|---|--|
| Engine Model | 4P066CASH (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

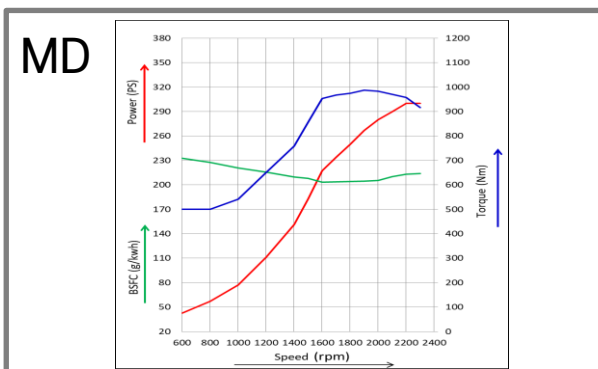
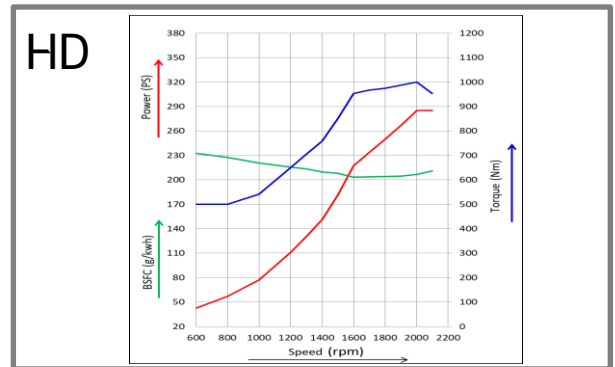
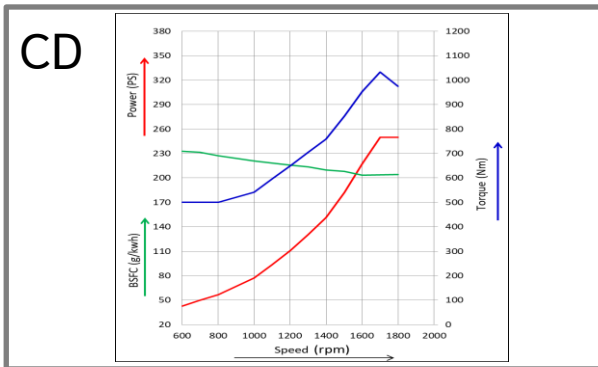
- Decreasing fuel consumption to average 5% by downsizing
- Increased oil & filter replacement cycle (250hr → 500hr)

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.

