

Marine Offshore Engine

H22CDFP

I Bore: 220 mm, Stroke: 330 mm

Main Data

| Speed | 1000 rpm |
|-----------------|----------|
| Cylinder output | kW/cyl. |
| | Eng.kW |
| 5H22CDFP | 1,100 |
| 6H22CDFP | 1,320 |
| 7H22CDFP | 1,540 |
| 8H22CDFP | 1,760 |
| 9H22CDFP | 1,980 |

Power adjusting between -5% derating is generally accepted, other power adjusting must be consulted to engine builder.

Heat Rate & SFOC Fuel Consumption

| Load | 100% | 85% |
|----------------------|--------------|-----------|
| Heat rate @ Gas mode | 8,172 kJ/kWh | |
| SFOC @ Diesel mode | 193 g/kWh | 196 g/kWh |

Specific Lubricating Oil Consumption

Lub. Oil: 0.5 g/kWh



URL: <http://www.soar.hk>
E-mail: sale@soar.hk
Phone: +86-4008111308

Controllable Pitch Propeller

Permit high skew angles to minimize noise and vibration.

Fixed Pitch Propeller

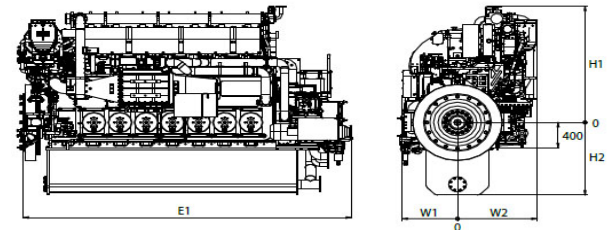
Guarantee optimum thrust, minimal noise and vibration level.

Dimensions

| 1000 rpm | cyl. | Rated Output at Engine (kW)* | Engine dimension (mm) & dry weight (ton) | | | | | Dry Weight |
|----------|-------|------------------------------|--|-------|-----|-------|------|------------|
| | | | E1 | H1 | H2 | W1 | W2 | |
| 5 | 1,100 | 3,680 | 1,825 | 1,145 | 737 | 1,015 | 16.0 | |
| 6 | 1,320 | 4,030 | 1,825 | 1,145 | 737 | 1,060 | 18.0 | |
| 7 | 1,540 | 4,380 | 1,825 | 1,145 | 737 | 1,060 | 20.0 | |
| 8 | 1,760 | 4,730 | 1,825 | 1,145 | 737 | 1,150 | 22.0 | |
| 9 | 1,980 | 5,080 | 1,825 | 1,145 | 737 | 1,150 | 24.0 | |

E1 : Dimension between eng. flywheel to eng. free end.

In case of dry sump, the weight and height will be reduced.



Note :

- 1) Reference condition based on ISO 3046/1
- 2) Fuel oil based on LCV(Lower Calorific Value) 42,700kJ/kg
- 3) Gas operation : Including pilot fuel oil and fuel gas based on LHV(Lower Heating Value) 35MJ/Nm³, MN80
- 4) NOx Emission limitation : IMO Tier II on Diesel mode, IMO Tier III on Gas mode

*) Based on the CPP Constant speed operation
(For FPP : Please contact us)