

# Marine Propulsion System

H32CVP

Tier II, Tier III (with SCR)

**Bore: 320mm, Stroke: 450mm**

Controllable Pitch Propeller

Permit high skew angles to minimize noise and vibration.

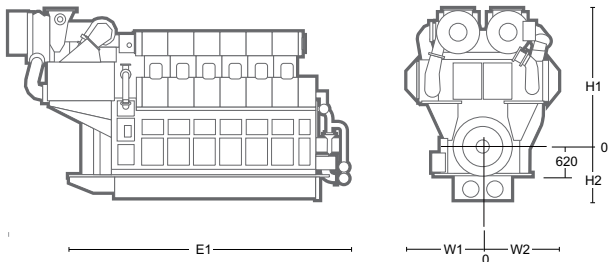
Fixed Pitch Propeller

Guarantee optimum thrust, minimal noise and vibration level.

## Dimensions

750 rpm	cyl.	Rated Output at Engine (kW)	Engine dimension (mm) & dry weight (ton)					
			E1	H1	H2	W1	W2	Dry Weight
	12	7,200	6,118	3,026	1,220	1,745	1,745	79.0
	14	8,400	6,718	3,026	1,220	1,745	1,745	89.5
	16	9,600	7,318	3,180	1,220	1,745	1,745	96.0
	18	10,800	7,918	3,180	1,220	1,745	1,745	108.0

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



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### Specific Fuel Oil Consumption

Load	750 rpm
SFOC at 100% MCR	171.7 g/kWh
SFOC at 85% MCR	168.7 g/kWh

\*) Note :

- 1) Reference condition based on ISO 3046/1
- 2) Fuel oil based on LCV(Lower Calorific Value) 42,700kJ/kg
- 3) Tolerance +5% and without engine driven pumps
- 4) NOx Emission limitation : IMO Tier II

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

### Specific Lubricating Oil Consumption

Lub. Oil: 0.5 g/kWh

### Application

- Controllable pitch propulsion
- Fixed pitch propulsion
- Azimuth thruster propulsion
- Pump drive



SOAR POWER GROUP  
[Http://www.soarpower.com](http://www.soarpower.com)  
E-mail: [sale@soarpower.com](mailto:sale@soarpower.com)  
Hotline: +86-4008111308