

Marine Propulsion System

Dual Fuel Engine
Tier II, Tier III

H22CDFP-LA | Bore: 220 mm, Stroke: 330 mm

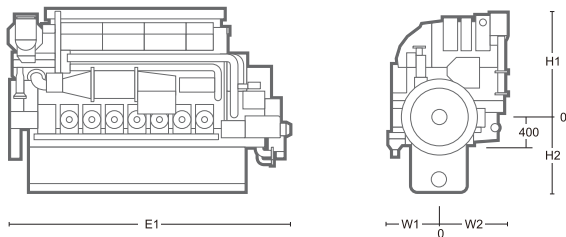
Controllable Pitch Propeller

Permit high skew angles to minimize noise and vibration.

Dimensions

1000 rpm	cyl.	Eng. kW	Engine dimension (mm) & dry weight (ton)					
			E1	H1	H2	W1	W2	Dry Weight
	6	1,440	4,032	1,860	1,043	1,248	1,017	23.4
	7	1,680	4,382	1,860	1,043	1,248	1,017	26.2
	8	1,920	4,732	1,860	1,043	1,248	1,017	28.6
	9	2,160	5,082	1,860	1,043	1,248	1,017	31.8

E1 : Dimension between eng. flywheel to eng. free end.
In case of dry sump, the weight and height will be reduced.



Heat Rate & SFOC (75% Load)

	900 rpm / 60 Hz	1,000 rpm / 50 Hz
Heat rate @ Ammonia mode	7,833.8 kJ/kWh	7,920.9 kJ/kWh
SFOC @ Diesel mode	184.6 g/kWh	186.7 g/kWh

Lubricating Oil Consumption

Ammonia mode : 0.5g /kWh + 1.7~2.4 liter / 24hrs per cylinder

Diesel mode : 0.5g / kWh