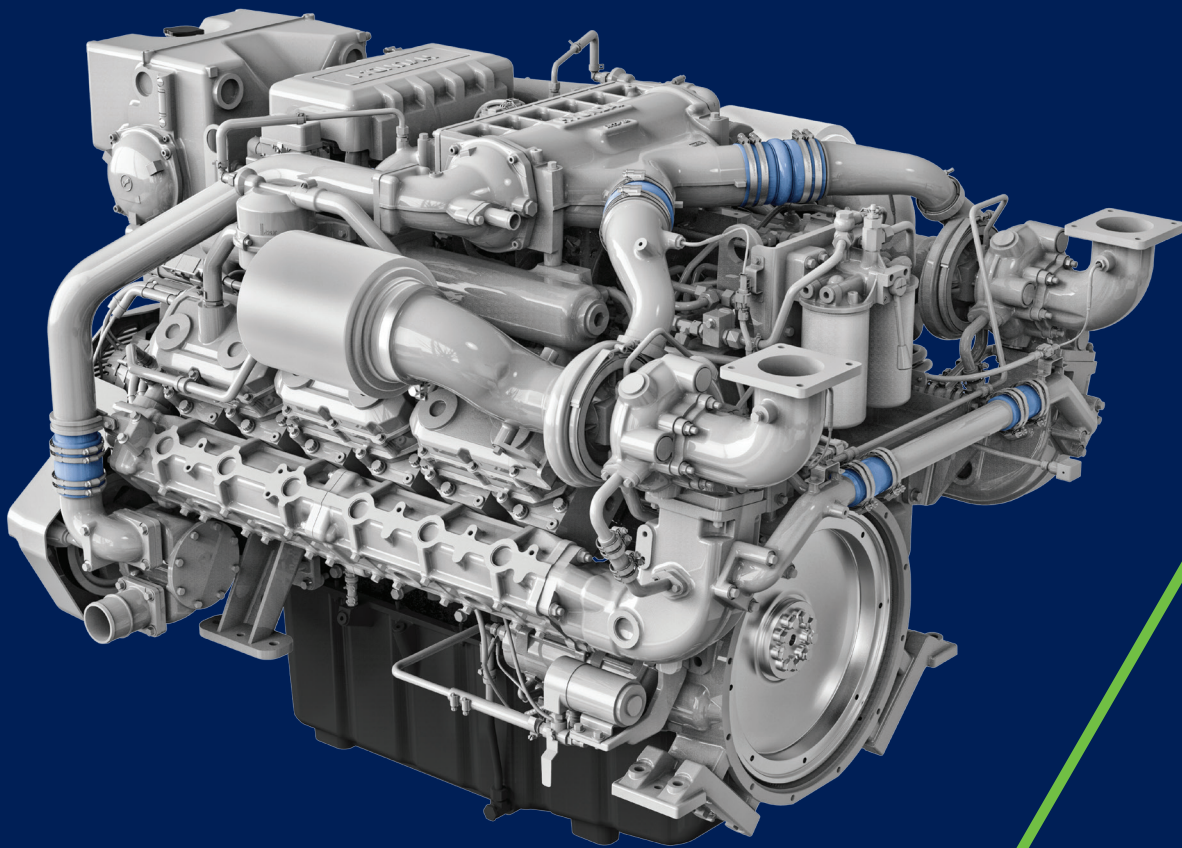
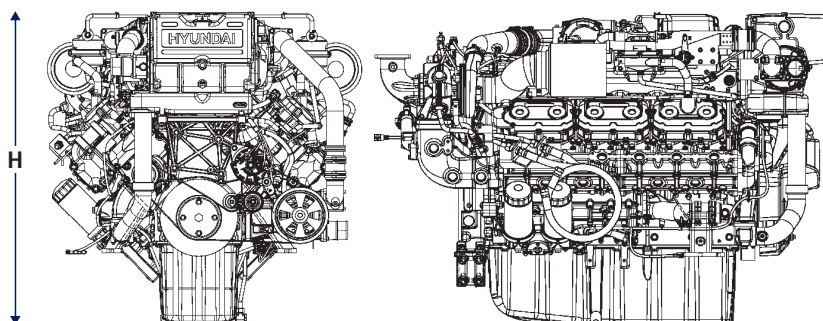


4V222C 4AD222C



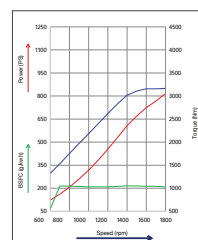
Powered by **Innovation**

Dimension

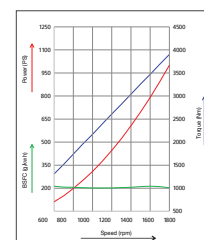


Dimension(mm)			Dry weight (kg)
L	W	H	
1,914	1,344	1,346	2,020

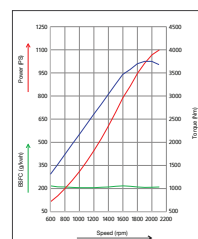
Power Performance Curve



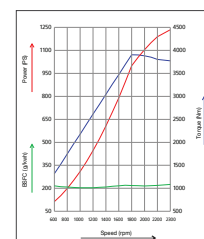
Continuous Duty



Heavy Duty



Medium Duty



Light Duty

General Information

Engine Type

Cyl No. & Bore x Stroke

Displacement (Liter)

Common rail, 4 cycle, V-line, Water cooled with turbo charger & Inter-cooler

12 & 128 x 142 mm

21.9

Commercial Ratings

Base Engine	Rating	Model	Max. Power			Max. Torque	
			kW	PS	rpm	Nm	rpm
4V222C (Propulsion)	Continuous Duty	4V222CA(C)	596	810	1800	3200	1700
		4V222CA(H)	736	1000	1800	3902	1800
	Heavy Duty	4V222CB(H)	664	903	1800	3523	1800
		4V222CC(H)	588	800	1800	3150	1600
		4V222CD(H)	530	720	1800	2950	1600
	Medium Duty	4V222CA(M)	809	1100	2100	3750	2000
	Light Duty	4V222CA(L)	908	1235	2300	3902	1800
		4V222CB(L)	846	1150	2300	3750	2000
4AD222C (Auxiliary)	50Hz	4AD222C(F)	553	752	1500		
	60Hz	4AD222C(S)	664	903	1800		

Specification

Item	Unit	Specification	Item	Unit	Specification
Flywheel & Flywheel housing		FWH : SAE#1 / FW : 14"	Cooling System		Heat exchanger / Keel Cooling
Compression ratio		17.0 : 1	Cooling Water Capacity	Lit.	Max : 105 , Min : 94.5
Firing order		1-12-5-8-3-10-6-7-2-11-4-9	Fresh Water Pump Type		Centrifugal (Pulley type)
Governor type of injection pump		Controlled by ECU	Sea Water Pump Type		Rubber Impeller
Starting System		Electric Starting by starter motor	Lubricating oil (Engine)	Oil pan Capacity	Lit.
Starter motor capacity	V - kW	24 - 7.0		Pressure	kg / cm ²
Alternator capacity	V - A	24 - 80			Full load : 3.0, Idle : 1.0
Battery	V - Ah	24 - 200	Direction of Revolution		Counterclockwise viewed from Flywheel