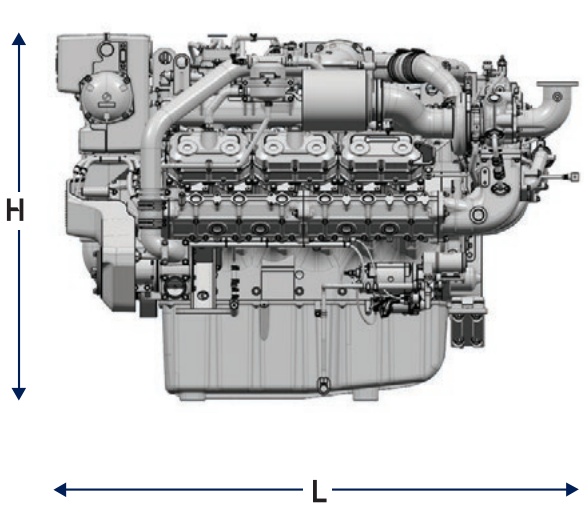
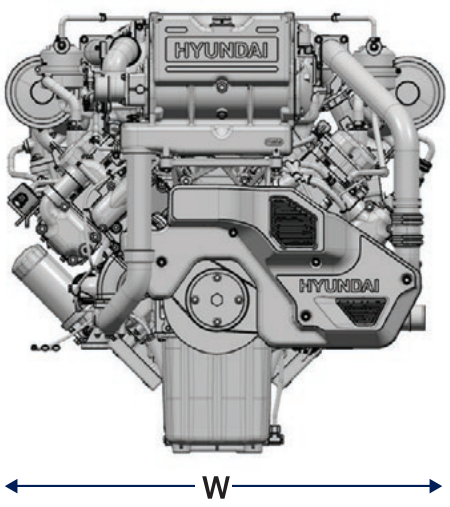
DX22

HD HYUNDAI INFRACORE

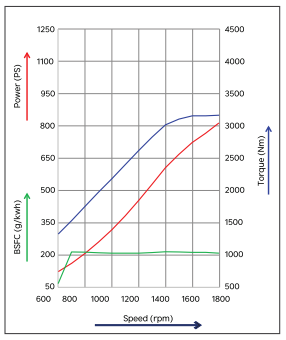
■ Dimension



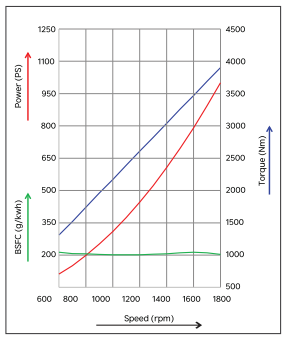


Dimension (mm)			Dry weight (kg)
L	W	H	
1,914	1,344	1,346	2,020

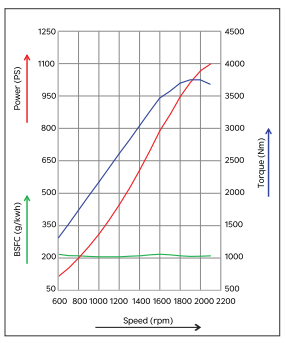
■ Power Performance Curve



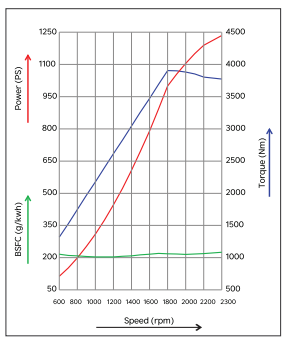
Continuous Duty



Heavy Duty



Medium Duty



Light Duty

■ General Information

Engine Type	Common Rail, 4-Cycle, V-type, Water Cooled with Wet-Turbocharger & Intercooler
Cyl No. & Bore x Stroke	12 & 128 x 142 mm
Displacement	21.9 Liter

■ Commercial Ratings

Base Engine	Rating	Model	Output (ISO 3046)					Emission
			Max. Power			Max. Torque		
			kW	PS	rpm	Nm	rpm	
4V222C (Propulsion)	Continuous Duty	4V222CA	596	810	1800	3161	1800	IMO Tier 2/3
	Heavy Duty	4V222CA-II	736	1000	1800	3902	1800	
		4V222CA	664	903	1800	3523	1800	
		4V222CB	588	800	1800	3150	1600	
		4V222CC	530	720	1800	2950	1600	
	Medium Duty	4V222CA	809	1100	2100	3750	2000	
	Light Duty	4V222CA	908	1235	2300	3902	1800	
		4V222CB	846	1150	2300	3750	2000	
4AD222C (Auxiliary)	50Hz	4AD222CA	553	752	1500			
	60Hz	4AD222CA-II	736	1000	1800			
		4AD222CA	664	903	1800			

■ Specification

Item	Unit	Specification
Flywheel & Flywheel housing		FWH : SAE#1 / FW : 14"
Compression ratio		17.0 : 1
Firing order		1-12-5-8-3-10-6-7-2-11-4-9
Governor type of injection pump		Controlled by ECU
Starting system		Electric starting by starter motor
Starter motor capacity	V - kW	24 - 7.0
Alternator capacity	V - A	24 - 80
Battery	V - Ah	24 - 200

Item		Unit	Specification
Cooling System			Heat exchanger / Keel Cooling
Cooling Water Capacity		Lit.	Max : 105 , Min : 94.5
Fresh Water Pump Type			Centrifual (Pulley type)
Sea Water Pump Type			Rubber Impeller
Lubricating oil (Engine)	Oil pan Capacity	Lit.	Max : 69, Min : 36
	Pressure	kg / cm^2	Full load : 3.0, Idle : 1.0
Direction of Revolution			Counterclockwise viewed from Flywheel