



Main Specification

Model	Units	V222TIH	V222TIM	V222TIL
Engine type		4cycle, V type, direct-injection, water cooled with wet turbo charger & inter-cooler		
Rating output	PS(kW) / rpm	720(530)/1,800	800(588)/2,100	1,000(736)/2,300
Displacement	cc	21,927		
Cylinder number - bore × stroke	mm	12 - 128 × 142		
Flywheel housing & fly wheel		SAE 1 & 14		
Low idling rpm	rpm	725 ± 25		
No load max. rpm	rpm	below 2,070	below 2,415	below 2,645
Compression ratio		15 : 1		14.6 : 1
Firing order		1 - 12 - 5 - 8 - 3 - 10 - 6 - 7 - 2 - 11 - 4 - 9		
Governor type of injection pump		Mechanical variable speed (R.Q.V)		
Fuel consumption(only Ref.)	g / PS.h	148	154	159
	Lit / h	129	148	191
Starting system		Electric Starting by starter motor		
Starter motor capacity	V - kW	24 - 6.6		
Alternator capacity	V - A	24 - 50		
Battery	V - Ah	24 - 200		
Cooling system		Indirect sea water cooling with heat exchanger		
Cooling water capacity	Max. / Min.	lit 98 / 87		
Fresh water pump type		Centrifugal type, driven by belt		
Sea water pump type		Bronze impeller type driven by belt		
Lubricating oil(Engine)	Pan capacity	lit Max : 40, Min : 33 (Engine total : 43)		
Direction of revolution	Crankshaft	Counter clockwise viewed from stern side		
Engine Size(L×W×H)	Without M/G	mm 1,653 × 1,223 × 1,199		
Engine dry weight	Without M/G	kg 1,750	1,750	1,830

Engine Dimension

