



Main Specification

Model	Units	MD196T
Engine type		4 cycle, In line, direct- injection, water cooled with wet turbo charger
Rating output	PS(kW)/rpm	280(206)/2,000
Displacement	cc	11,051
Cylinder number -bore × stroke	mm	6 - 123 × 155
Flywheel housing & fly wheel		SAE 1 & 14
Low idling rpm	rpm	725 ± 25
No load max. rpm	rpm	below 2,200
Compression ratio		17.1 : 1
Firing order		1 - 5 - 3 - 6 - 2 - 4
Governor type of injection pump		Mechanical variable speed (R.Q.V)
Fuel consumption (only Ref.)	g / ps.h	162
	Lit/h	55
Starting system		Electric Starting by starter motor
Starter motor capacity	V - kW	24 - 6.0
Alternator capacity	V - A	24 - 50
Battery	V - Ah	24 - 150
Cooling system		Indirect sea water cooling with heat exchanger
Cooling water capacity	Max. / Min.	lit 24 / 19
Fresh water pump type		Centrifugal type, driven by gear
Sea water pump type		Rubber impeller type driven by gear
Lubricating oil(Engine)	Pan capacity	lit Max : 25, Min : 19 (Engine total : 27)
Direction of revolution	Crankshaft	Counter clockwise viewed from stern side
Engine Size(L×W×H)	Without M/G	mm 1,235×855×1,073
Engine dry weight	Without M/G	kg 975

Engine Dimension

