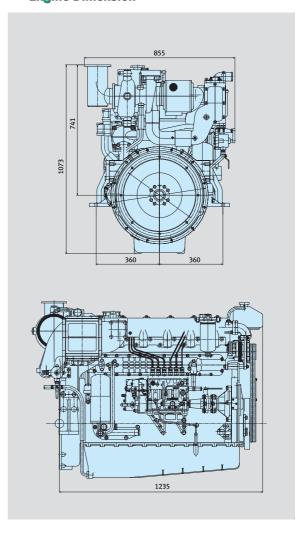


Main Specification

Model		Units	MD196TI
Engine type			4cycle, In line, direct-injection, watercooled with wet turbo charger & inter - cooler
Rating output		PS(kW)/rpm	320(235)/2,000
Displacement		сс	11,051
Cylinder number - bore \times stroke		mm	6 - 123×155
Flywheel housing & fly wheel			SAE 1 & 14
Low idling rpm		rpm	750 \pm 50
No load max. rpm		rpm	below 2,200
Compression ratio			16.5 : 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	158
ruei consumption(only Kei.)		Lit / h	61
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($L \times W \times H$)	Without M/G	mm	1,235×855×1,073
Engine dry weight	Without M/G	kg	1,009

Engine Dimension



*H: Heavy Duty, M: Medium Duty, L: Light Duty