

Production tolerance: $\pm 3\%$

Spec.	Model	Units	Auxiliary		Emergency		
			4AD126TIF	4AD126TIS	4AD126TIF	4AD126TIS	
Engine type			4 cycle, V-type, direct- injection, water cooled with wet- turbo charger & inter-cooler				
Rating output (B.H.P)	50 Hz	kW(PS) / rpm	257(350)/1500	-	257(350)/1500	-	-
	60 Hz		-	302(410)/1800	-	302(410)/1800	302(410)/1800
Displacement		cc	11,051				
Cyl. No. – bore(ϕ) x stroke		mm	6 - ϕ 123 x 155				
Valve clearance at cold		mm	0.4 / 0.7				
Low idling rpm		rpm	725 \pm 25				
No load max. rpm (50Hz / 60Hz)		rpm	1,500	1,800	1,500	1,800	1,800
Mean effective press. (Initial)		kg/cm ²	19.0	18.6	19.0	18.6	18.6
Mean piston speed (50Hz / 60Hz)		m/sec.	7.75	9.3	7.75	9.3	9.3
Compression ratio			16.7 : 1				
Governor type of inj. pump			Electric Governor	Electric Governor	Electric Governor	Mechanical / (R.S.V)	Electric Governor
Fuel consumption		g/PS.h	160	165	160	165	165
		liter/h	67	82	67	82	82
Injection timing (B.T.D.C)		°	17° \pm 1°				
Starting system			Electric Starting by starter motor				
Starter motor capacity		V- kW	24 V – 6				
Alternator capacity		V- A	24 V – 80				
Battery		V- Ah	24 V – 150				
Cooling system			Heat Exchanger		Radiator		
Cooling water capacity (Max. / Min.)		lit	Max. : 42 , Min. : 39		Max. : 32 , Min. : 30		
Fresh water pump type			Centrifugal type driven by V - belt				
Sea water pump type			Rubber impeller type driven by V - belt				
Lub. Oil (Engine)	Pan capacity	lit	Max : 44 , Min : 20 (Engine total : 47)				
	Pressure	kg/cm ²	Max : 3, Idle : 1				
Revolution of Crankshaft			Counter clockwise viewed from stern side				
Engine size (LxWxH)		mm	1,312 x 904 x 1153		1409 x 877 x 1136		
Engine dry weight		kg	1128		1047		

* Specifications are subject to change without prior notice.