

ENGINE SPECIFICATIONS					G3-23947-0040
No	Model name		4TNV106T-GGEA		Remarks
1	Type		4 cycle, Inline, Water-cooled Diesel		
2	No. of cylinders-Bore×stroke		mm	4-φ106×125	
3	Combustion system			Direct Injection	
4	Compression ratio			18	
5	Displacement		litter	4.412	
6	Rated output		kW(PS)	56(76.1)/66.9(91)	
			min ⁻¹	1500/1800	
7	Continuous rating		kW(PS)	50.9(69.2)/60.9(82.8)	
			min ⁻¹	1500/1800	
8	Max. torque		N·m	~	
			min ⁻¹	(+ /)	
9	Specific fuel consumption		g/kW-h(g/PS-h)	220.4(162)	at rated output
10	Ambient condition			25°C、750mmHg、30%	
11	Engine speed at no load	Max.	min ⁻¹	1925	+25/-25
		Min.	min ⁻¹	1500	+25/-25
12	Governorability	Governor type		centrifugal-all speed governor	
		Temporary	%	max.10	load 100% ↓ 0%
		Permanent	%	max.5	
		Recovery time	sec	max.5	
		Stability	min ⁻¹	max.15	
13	Gradients	Longitudinal	deg	15(10)	intermitted
		Lateral	deg	15(10)	() : continuous
14	Firing order			1-3-4-2-1	order from F.W.
15	Direction of rotation			counterclockwise	viewed from F.W.
16	Engine dry weight		kg	approx.355	
17	Fuel injection timing		deg	FIT11.5(+1/-1)	FIT b.T.D.C
18	Fuel system	Fuel type		Diesel oil	
		Fuel injection pump		Distributortype(YPD-MP4), Yanmar made	
		Fuel injection nozzle		hole type	
		Fuel filter		paper element	
19	Lubrication system	System		forced feed	
		Oil grade		API class CD, SAE grade 10W30	
		Oil pump		trochoid pump	
		Oil filter		paper element	
		Oil capacity	liter	14	max.
			liter	9	effective.
		Oil pressure	kgf/cm ²	4.5	at rated output
			kgf/cm ²	0.6	at low idle
20	Cooling system	Heat exchanger		none	
		Pressure cap	kgf/cm ²	0.9	
		Fan		7-φ550	
		Coolant capacity	liter	6	

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21	Air cleaner			8inchi double Element Type	
22	Breather system			open	
23	Muffler			none	
24	Starting system	Starter		12V-3.0kW	
		Battery		130E41	
		Starting aid		air heater 1000W	
25	Generator			12V-60A	
26	Engine color			Silver	
27	Applied regulation				
< Career >					
Messrs : YASC			W.No.	4TNV106T-GGEA	

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