

3C11G Series (Stage III) Marine (Auxiliary engine) technical parameters table

No.	Item	specification		
		3C11G3-4	3C11G2-4	3C11G0-4
1	Model	3C11G3-4	3C11G2-4	3C11G0-4
2	Type	Vertical、in-line、water cool、4 stroke		
3	Induction type	NA		
4	Combustion chamber	IDI		
5	Cylinder No.-Bore(mm)×Stroke(mm)	3-76×78.4		
6	Valve per cylinder	2		
7	Displacement L	1.067		
8	Compress ratio	24:1		
9	Dry Weight kg	120		
10	Dimension (L×W×H) mm	587.3x443x565		
11	Lubriacting system	Splash and pressure		
12	Start type	E-start		
13	Cooling type	Internal circulation pump and external circulation sea water pump heat exchanger		
14	Speed governor	E-governor		
15	Oil capacity(L)	3.7L		
16	Fire orde	1—2—3		
17	Crankshaft direction	Anticlockwise(face the fly wheel)		
18	Prime power(kW)/Speed (r/min)	8.3/1500	10.1/1800	16.9/3000
19	Standby power(kW)/Speed (r/min)	9.1/1500	11.1/1800	18.6/3000
20	BSFC(g/kW·h)	≤305		
21	Oil consumption(g/kW·h)	≤0.4		
22	Min adjustable no-load speed(r/min)	850-950		
23	Fuel type	Summer: a product 0#、10#light diesel oil, Winter: a product 0#、-10# -20#、-35# light diesel oil		
24	Oil type	Summer:15W/40CF Winter:0W/30CF		
25	Speed drop %	≤5		
26	Relative speed drop range %	≥5.5		
27	Relative speed rise range %	≥2.5		
28	Steady-state rate volatility %	≤0.5		
29	(Under the rated speed)Instantaneous speed variation %	100%Reduce the power suddenly	≤+10	
		Increase the power suddenly	≤-7	
30	Speed recovery time s	≤3		
31	Maximum allowable inlet resistance kPa	2		
32	Maximum allowable exhaust pressure kPa	5		
33	Smoke intensity of standard operating condition FSN	≤3.5		
34	Noise limit L_p dB(A)(Bare) (1m)	≤94		
35	Starter power kW	1.2		
36	Alternator kW	0.5(40A)		
37	Voltage V	12		
38	Battery type	Recomend 6-QW-120(740)		
39	Emission	Stage III		
RemarkAs technology advances, the above parameters will continue to improve the parameters of theupdate.				