

NO	Items	Technical parameters				
1	Model	4D24TG0/A	4D24TG1/A	4D24TG2/A	4D24TG3/A	4D24TG7/A
2	Type	Vertical, in line, 4 stroke, water cooled				
3	Injection	Turbo				
4	Combustion chamber	DI ω shape				
5	Cylinder No.- Bore(mm)×Stroke(mm)	4-87×103				
6	Valve NO. per cylinder	2				
7	Displacement L	2.45				
8	Compression ratio	17.8:1				
9	Dry weight kg	210				
10	Dimension (L×W×H) mm	679×524×664				
11	Lubricating system	Pressure and splash				
12	Star method	Electronic start				
13	Speed governor type	Mechanical governor				
14	Fuel system	Stanadyne pump				
15	Oil capacity(L)	9.5L				
16	Fire order	1—3—4—2				
17	Direction of rotation	CCW(Power output oriented)				
18	Prime power (kW)/speed (r/min)	36/1500	32/1500	28/1500	36/1800	32/1800
19	1 hour power(kW)/speed (r/min)	39.6/1500	35.2/1500	30.8/1500	39.6/1800	35.2/1800
20	Min Fuel combustion rate(g/kW·h)	≤225	≤230	≤232	≤235	≤232
21	Oil combustion rate(g/kW·h)	≤0.4	≤0.4	≤0.4	≤0.4	≤0.4
22	Min adjustable no-load speed (r/min)	N/A	N/A	N/A	N/A	N/A
23	Fuel type	Summer: GB 252-2000 Premium or first grade 0#, 10#, light diesel fuel Winter: GB 252-2000 Premium or first grade 0#, -10# -20#, -35# light diesel fuel				
24	Oil type	Summer: 15W/40CF Winter: 0W/30CF				
25	Speed drop %	机械调速: ≤5				
26	Relative speed setting drop range %	≥5.5				
27	Relative speed setting rise range %	≥2.5				
28	Steady speed fluctuation %	≤0.5				
29	(Under the rated speed) Transient speed deviation %	100% Reduce the power suddenly	≤+10			
		Increase the power suddenly	≤-7			
30	Speed recover time s	≤3				
31	Maximum allowable inlet resistance kPa	5				
32	Maximum allowable exhaust pressure kPa	10				
33	Smoke intensity of standard operating condition FSN	≤3				
34	Noise limit L_p dB(A)	≤92				

Note: With the progress of technology, the above indicators will be constantly improved and updated.