RAYWIN

4D2401/A 系列发动机（工业用）技术参数表

No.	Item	specification
1	Engine model	4D2401/A
2	Type	vertical、in-line、water cooling、4-stroke
3	Induction system	NA
4	Combustion chamber	DI
5	Cylinder- bore×stroke(mm)	4-87×103
6	Valve per cylinder	2
7	DisplacementL	2.45
8	Compress ratio	19：1
9	Dimension（L×W×H）mm	1000×582×775（include radiator and air filter）
10	Dry weight kg	255（include radiator and air filter）
11	Lubricating system	pressure and splash
12	Cooling system	Forced water cooling closed cycle
13	Start type	E-start 12V 2.3kw
14	Alternator	14V 70A
15	Fuel pump system	Stanadyne DB4 Pump
15	Oil capacity L	9.5
16	Cooling capacity L	8.5(include engine and radiator)
17	Fire order	1—3—4—2
18	Crankshaft direction	CCW（face the flywheel）
19	Preime power speed r/min	33.5/2400
20	Max. torque（N·m）/speed（r/min）	160/1600
21	BSFC(g/kW·h)	≤235
22	Oil consumption (g/kW·h)	≤0.2
23	Min. no-load adjustable speed(r/min)	850
24	Speed drop %	≤10
25	Max. Allowable inlet pressure kPa	5
26	Max. Allowable exhasut pressure kPa	10
24	FSN	≤2.0
28	Noise limt Ldp(bare)（1M）	≤90
29	Fuel type	summer： 0#、10#light diesel winter： 0#、-10# -20#、-35# light diesel
30	Oil type	Summer:15W/40CF Winter:0W/30CF
31	Battery	Common area：capacity(Ah)≥≥120；cooling start current (A) 570 Plateau area：capacity(Ah)≥180；cooling start current (A) 622
32	Applicable altitudem	≤2000