4D24T04 series industrial engine

No.	Item	Specification
1	Engine model	4D24T04
2	Type	Vertical、in-line、water cooling、4-stroke
3	Induction	Turbo
4	Combustion chamber	DI/ω
5	Cylinder-Bore(mm)×Stroke(mm)	4-87×103
6	Valve cylinder	2
7	Displacement L	2.45
8	Compress ratio	17.8:1
9	Dry weight kg	205
10	Dimension （L×W×H） mm	994×515×1042
11	Lubricating system	Pressure and splash
12	Start type	E-start
13	E-governor	E-governor
14	Oil capacity(L)	9.5L
15	Fire order	1—3—4—2
16	Crankshaft direction	CCW(Face the flywheel)
17	Prime power (kW)/Speed（r/min）	40.5/2400
18	Max torque(N·m)/Speed（r/min）	210/1700
19	Min. Fuel consumption(g/kW·h)	≤218
20	Oil consumption(g/kW·h)	≤0.4
21	Min adjustable no-load speed(r/min)	750
22	Fuel type	Summer：GB 252-2000 or 0#、10# light diesel, Winter：GB 252-2000 or 0#、-10#、-20#、-35#light diesel
23	Oil type	Recommend CF4 Summer： 40、15W-40，Winter：30、10W-30
24	Speed drop %	≤8
25	Max allowable inlet pressure kPa	5
26	Max allowable exhaust pressure kPa	10
27	FSN	≤3.5
28	Noise limit *Lp* dB(A) (bare)	≤92
Note: the dimensions will change with different configuration.		