

## F1L511 & F2L511 AIR COOLED DIESEL ENGINES

### 机器图片 (Engine photo)



### 技术数据 (Technical data)

#### MECHANICAL SYSTEM :

- ENGINE MODEL : 4 Cycle , Diesel Engine Naturally Aspirated
- COMBUSTION TYPE : Direct Injection
- NO. OF CYLINDER : 1 . 2 Cylinder
- BORE / STROKE : 100 / 105 mm
- COMPRESSION RATIO : 17 : 1

#### FUEL SYSTEM :

- INJECTION PUMP : Plug – In Type
- INJECTION PRESSURE : 175 Bar
- GOVERNOR TYPE : Mechanical Governor
- INJECTION NOZZLE : 4 – Hole Nozzle
- FUEL SOLENOID : Energized To Run
- FUEL DELIVERY : Diaphragm Feed Pump
- FUEL : DIESEL ENGINE

#### COOLING SYSTEM :

- COOLING TYPE : DEUTZ Air Cooled

- COOLING METHOD : Integrated
- PISTON COOLING : By Lube Oil

### LUBRICATION SYSTEM :

- LUBRICATION METHOD : Forced – Feed Circulation
- OIL PUMP : Gear Driven
- OIL CAPACITY : 3.5 Lit
- OIL FILTER : Full Flow Cartridge
- RECOMMENDED OIL : SAE 10 W OR SAE 15-40 W

### ELECTRIC SYSTEM :

- CHARGING ALTERNATOR : 14 V – 55 Amp
- STARTER MOTOR : 12 V – 2 K.W
- BATTERY VOLTAGE : 12 V
- CAPACITY RECOMMENDED : 60 Amp

### ACCESSORIES :

- ENGINE WIRING
- BASIC START PANEL
- INDUSTRIAL TYPE SILENCER
- BATTERY , CABLES @ RACK
- ENGINE TOP MOUNTED FUEL TANK
- DEALY FUEL TANK
- STANDER TOOL KIT

### 发动机技术参数 (Technical Parameter)

Model	F2L511					
Cylinder number	2					
Chamber type	Direct injection					
*Bore*stroke, mm	100*105					
Speed, r/min	1500	1800	2000	2500	2800	3000
B(15)15-minute output rating,KW/HP	13.6/18.5	17/23.1	19.5/26.5	23/31.5	25/34	25.7/35
A1212-hour output rating,KW/HP	11.5/15.6	14.6/19.9	16.5/22.4	19.5/26.5	21/28.5	21.8/29.5
Max.torque,N.m	88					
Min.stable speed without load,r/min	900					
Cooling method	Air-cooled					
Starting manner	Electrical					
Net weight,KG	155					
Overall dimensions(L*W*H),mm	562*530*676					

<b>Model</b>	<b>F1L511</b>					
Cylinder number	1					
Chamber type	Direct injection					
*Bore*stroke, mm	100*105					
Speed, r/min	1500	1800	2000	2500	2800	3000
B(15)15-minute output rating,KW/HP	6.8/9.2	8.5/11.5	9.7/13.2	11.5/15.6	12.5/17	12.8/17.5
A1212-hour output rating,KW/HP	5.7/7.7	7.3/9.9	8.2/11.1	9.7/13.2	10.5/14.3	10.9/14.8
Max.torque,N.m	44					
Min.stable speed without load,r/min	900					
Cooling method	Air-cooled					
Starting manner	Electrical					
Net weight,KG	110					
Overall dimensions(L*W*H),mm	392*525*671					

**BEIJING ANTAIOS POWER****SCIENCE AND TECHNOLOGY CO. LIMITED**

Add: 18# North Liyuan Street, Tongzhou Beijing, PRC (101121)

TEL: +86-10-81528793 FAX : +86-10-81528793

E-mail: antaiospower@gmail.com

www.antaiospower.com