

F3L912 AIR COOLED DIESEL ENGINES

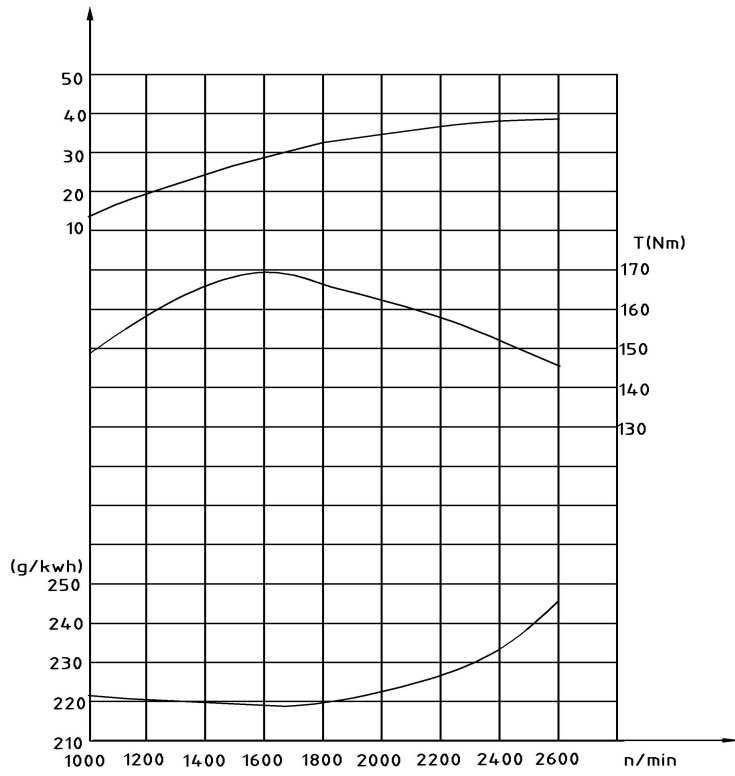
机器图片 (Engine photo)



发动机技术参数 (Technical Parameter)

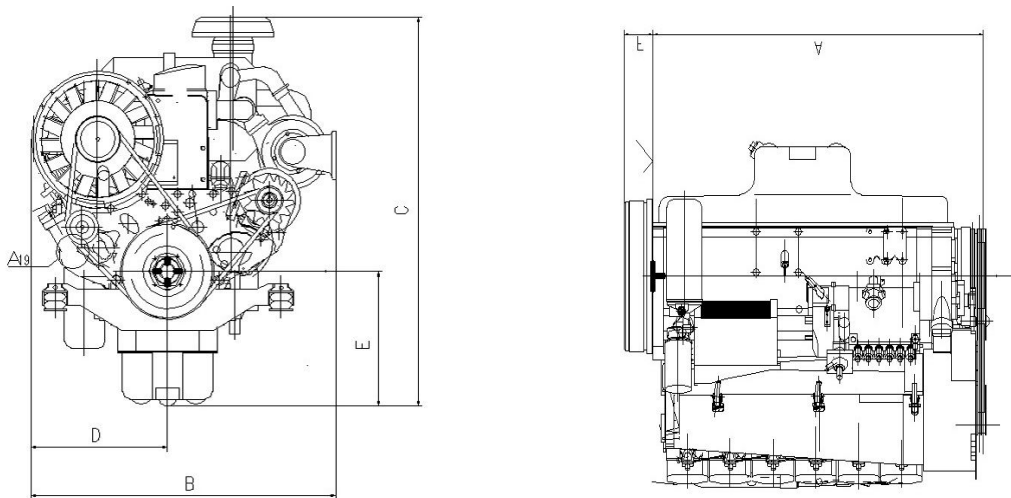
| | | | | |
|--|---------------------|---------|---------|---------|
| Model | F3L912 | | | |
| No. of Cly | 3 | | | |
| Bore/stroke(mm) | 100/120 | | | |
| Displacement(L) | 2.828 | | | |
| Air-intake system | Naturally aspirated | | | |
| Power/Rev(kw/rpm) | 24/1500 | 29/1800 | 36/2300 | 38/2500 |
| Compression ratio | 17 | | | |
| Firing order | 1-2-3 | | | |
| Direction of rotation(facing cooling blower) | Clockwise | | | |
| Mechanical Governing rate | 5% | | | |
| Electrical system | 12V/24V | | | |
| Dimension(mm) | 730x673x815 | | | |
| Weight(kg) | 275 | | | |

功率曲线 (Output power curve)



F3L912

发动机剖面图 (Section plane of engine)



| SIZE(mm) ENGINE | A | B | C | D | E | F | |
|--------------------|-----|-----|-----|-----|-----|----------|------------|
| | | | | | | SAE-8-10 | SAE10-11.5 |
| F2L912 | 465 | 679 | 807 | 330 | 268 | 105 | 88 |
| F3L912 | 595 | 679 | 821 | 330 | 287 | 105 | 88 |
| F4L912/F4913 | 725 | 679 | 821 | 330 | 287 | 105 | 88 |
| F6L912/F6L913 | 995 | 679 | 821 | 330 | 278 | 105 | 88 |

FL912/913

发动机配置 (Specifications)

标准配置 STANDARD CONFIGURATION

1. Oil filter
2. Diesel filter
3. Oil bath air cleaner with pre-cleaner and dust collector
4. 12V/24V starting motor
5. 12V/24V charged generator
6. Diesel engine electrical shutdown device(only generator set)
7. Automatic belt tension unit
8. V-belt break alarm device
9. Belt guard(only for generator set)
10. 4 Engine elastic supports
11. SAE Flywheel and housing
12. Oil temperature sensor and alarm switch (VDO analog signal)
13. Oil pressure sensor and alarm switch (VDO analog signal)
14. Diesel engine accelerator adjust device (only generator set)
15. Mechanical adjusting speed device
16. Diesel engine paint(gray)

可选配置 OPTIONAL CONFIGURATION

1. Absorption type exhaust silencer suitable for remote mounting;
2. Spark arrestor type exhaust silencer;

3. Exhaust Manifold-cum-silencer(only for non-turbo charge);
4. Dry type air cleaner with restriction indicator;
5. Diesel engine supports suitable for rigidly mountings
6. Gear driven hydraulic pump
7. Belt driven air compressor
8. Hydraulic oil radiator
9. Starting aid for engine starting below minus 5°C down to minus 20°C
10. 12V/24V Diesel engine electrical adjusting speed control device
11. Mechanical shutdown lever
12. Diesel engine over speed guard device
13. All kinds of meter of diesel engine
14. Industrial power take-offs.

BEIJING ANTAIOS POWER MACHINERY CO. LTD

Add: 18# Guangming Zhongjie, Dongcheng, Beijing, PRC (100061)

TEL: + 86-10-52403696 FAX : +86-10-85800535

E-mail: info@antaiospower.com

Website: www.antaiospower.com

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