



Engine family
上海昕明机械设备有限公司

Shanghai Diesel Engine Family Co. Ltd

Telephone: 0086-21-33282711 Fax: 0086-21-33282711

Main Introductions

- Engine produced with Japanese Isuzu technology introduced
- Ideal for 3-7 ton cargo trucks, 6-7 meter luxurious bus chassis, city bus, etc
- Our factory was built up in 1960, been in diesel engine industry for over 40 years.
- Offers engines to over 100 vehicle factories
- Total quantity in operation in Chinese market reached over 1,600,000 units in 2010
- Exportations increased greatly in recent years, when we began to carry out exportation in 2007, so far, over 50,000 units already exported to over 40 countries and territories
- Annual production capacity reached 210,000 units, thanks to 17 production lines imported respectively from USA, Japan, Italy, etc.
- ISO9001 approved
- SGS 16949 system certificate acquired



Alisa

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Address: Room 101, No. 13, Alley 751, Putao Road, Minhang District, Shanghai, China

www.engine-family.com



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Specifications

Model	4BD1T
Type	4 cylinders in line, 4 stroke, water-cooling
Aspiration	turbocharged
Ignition Order	1-3-4-2
Bore * Stroke	102mm (4 inch) x 118mm (4.65 inch)
Displacement	3.856 L (235 in ³)
Compression Ratio	17 : 1
Peak Torque	343 N.m (253 lb.ft)
Peak Torque Speed	1600rpm
Speed Governor	mechanical
Rated Power	88kw (120hp) 2800rpm
Sound Pressure Level	114 dB(A)
Idle Speed	750 rpm
Oil Consumption	≤ 0.8 g/kw.h
FSN	≤ 3.0
Net dry weight	340 kg
Overall Dimensions	810mm x 660mm x 813mm

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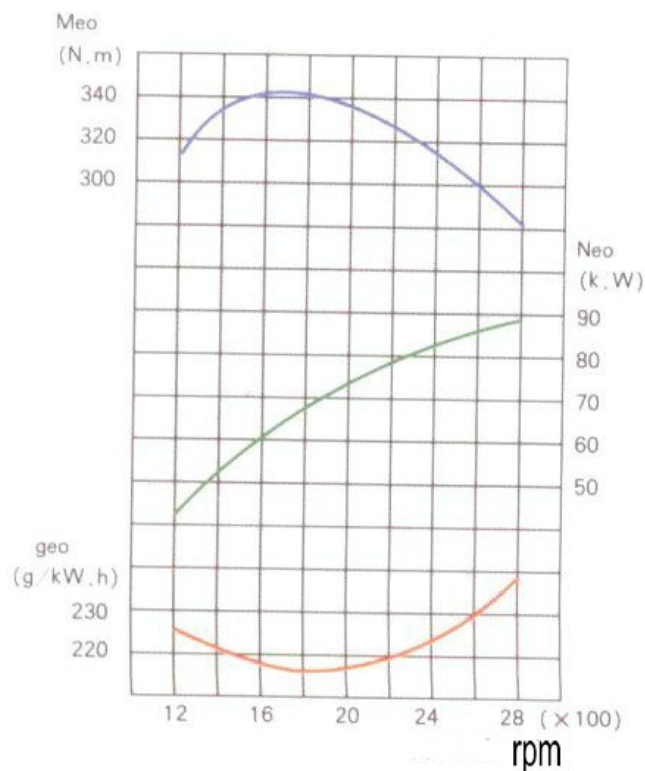
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General Statements

1. Packing: plywood crate
2. Exhaust manifold: downwards
3. Warranty: 8 months, 1200 working hours or 15,000 km, whichever comes first
4. Emission level: Euro II
5. Cooling fan: suction type
6. Without control panel, without water tank, without fuel tank
7. With speed sensor, oil pressure sensor, oil temperature sensor, water temperature sensor
8. Monthly production capacity: 4,500 units
9. Power curve: see right hand



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