



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



Isuzu 4JB1T Diesel Engine

- In 1995, a joint venture, together with Japanese Isuzu was founded, shareholding 75 : 25
- Isuzu 4JB1 technology was introduced thereafter
- Production lines imported from Germany, US, UK, Italy, etc separately, for cylinder block, cylinder head, crankshaft, connecting rod, heat treatment, assembling, testing, etc.
- The factory has been approved by QS9000 international quality certifying system, TS16949 of Germany DQS company, ISO14000 environmental management system
- Intimate and continuous technology developing cooperation is kept towards Germany BOSCH, Austria AVL, Delphi, etc



Alisa

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Specifications

Model	4JB1T
Descriptions	4 cylinders in line, turbocharged, aftercooled
Fuel Injection	high pressure common rail injection pump, direct injection
Bore * stroke	93mm * 102mm
Displacement	2.771 Liter (169 in ³)
Compression Ratio	17.2 : 1
Power Rating	68KW (116hp) 3600rpm
Max Torque	285 N.m (210.40 lb.ft)



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Statements

- ❖ Engine power ratings come from test, basing on fixed ambient parameters, performance fluctuation is reasonable under different circumstances, including relative altitude, humidity, atmospheric pressure, etc

- ❖ During the test, engine is equipped with

fuel system, water pump, lubricating oil pump, not including cooling fan, charging alternator.

- ❖ All photos come from exported engines, there maybe slight difference (for example, painting) between actual product and the photos.

- ❖ Gas exhausting direction could be either upward or downward

- ❖ Factory inspection: available after formal order loaded and before shipment

- ❖ Port of loading: Shanghai, China

- ❖ Packing: plywood crate

Idle Speed	750 rpm
Max Non-load Speed	4200 rpm
Fuel Consumption (full load)	250 g/kw.h
Net Dry Weight	250 kg
Overall Dimension	742mm * 634mm * 718mm
Starting Method	electrical
Exhaust Gas Temperature	< 600 °C
Max Noise	100 dB
Applications	light truck, car, etc

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