

ISUZU 4LE1

INDUSTRIAL DIESEL



MAIN SPECIFICATIONS

Type	4 Cylinder, 4 Cycle, Water Cooled, OHV, Vertical In-Line, Indirect Injection
Bore & Stroke	3.35 x 3.78 in. (85mm x 96mm)
Piston Displacement	133 cu. in. (2.2 l)
Compression Ratio	21.5:1
Dry Weight	389 lbs. (176 kg)
Dimensions (L x W x H)	29.4 x 19.8 x 23.7 in. (747 x 503 x 602 mm)
Coolant Capacity	3.0 qt. (2.8 l)
Lube Oil Capacity	8.6 qt. (8.1 l)
Engine Rotation Direction	Counter Clockwise from Flywheel

MAIN FEATURES (Standard)

Alternator	12V - 35A
Voltage Regulator	Internal
Starter	12V - 1.8 kW
Exhaust Outlet	Sideward
Air Inlet	Sideward/Integral
Flywheel Housing	SAE #4 Type
Flywheel	SAE Type for 10" over center clutch w/o pilot bearing
Oil Pan	30° Inclination all directions
Water Outlet	Sideward
Fan	15.7 in. (400 mm) Suction

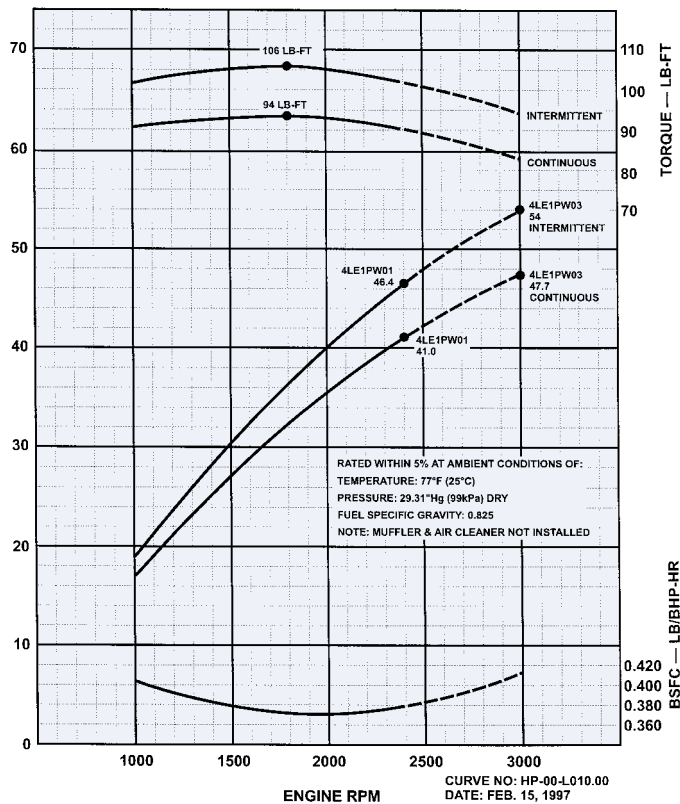
INDUSTRIAL RATING*

Intermittent	54 BHP @ 3000 RPM**
Continuous	47.7 BHP @ 3000 RPM
Max Torque	106 lb. ft. @ 1800 RPM

*SAE J1995 Gross BHP

**2400 RPM model also available

Specifications subject to change without notice.



ISUZU
DIESEL

AMERICAN ISUZU MOTORS INC.

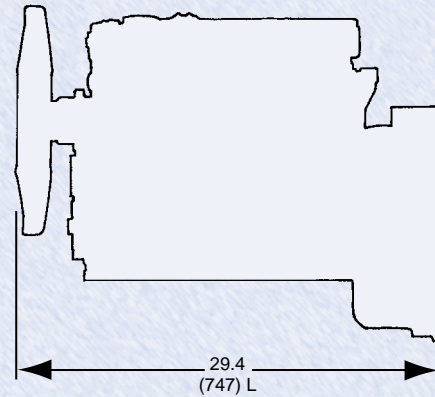
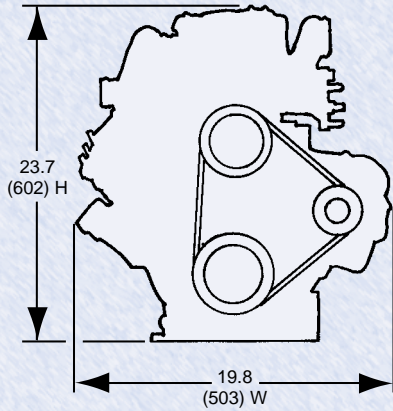
PowerTrain Division

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 PHONE: (734) 582-9470 • FAX: (734) 455-7581
www.isuzuengines.com

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DIMENSIONS



ISUZU "L" SERIES SPECIAL FEATURES

- QOS-III Glow Plug for Fast Start
- Compact Size
- Low Emissions
- Quiet Operation
- One Side Maintenance

LOW EMISSIONS

- Independent Injection Pumps
- Minimized Injection Pipe Length
- High Flow Intake Ports
- Optimized Injection Rate Cam Profile

QUIET OPERATION

- Indirect Injection
- Three Piece Gear Train
- Small Module Helical Gears
- Auto-thermatic Pistons
- Vibration Dampening Laminating Oil Pan
- Curved Surface Gear Case

ADDITIONAL FEATURES

- One Side Maintenance
- Automatic Bleeding of Fuel System
- Electrical Shut-off Solenoid
- Gear Driven Timing Train
- Replaceable Valve Seats and Valve Guides
- Integral Unitized Air Inlet

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