

# dependable J-Series engines

Isuzu Motors America, Inc.



## Description

The Isuzu J-Series has been applied to a wide array of construction equipment from excavators to pavers to compressors. Today, the 4JG1T is a popular 40kW genset drive and continues to deliver dependable, vibration-free power.

- 4-cylinder
- 4-cycle
- Water-cooled
- OHV
- Direct injection
- Turbo
- Naturally aspirated
- Tier 2 Certified
- 12-Volt electrics standard, 24-Volt optional
- 5-Year/5000-Hour warranty
- 1-Year/1800-Hour export warranty (available in select markets)
- Isuzu-designed accessory kits available

## Features

### Lightweight & Compact Size

- Short skirt cylinder block

### Low Noise

- Spherical timing gear case
- Auto thermatic piston

### High Reliability & Durability

- Replaceable chrome-plated dry liner
- Axial oil seal
- GCPTO – SAE “A” Pad

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## Technical Information

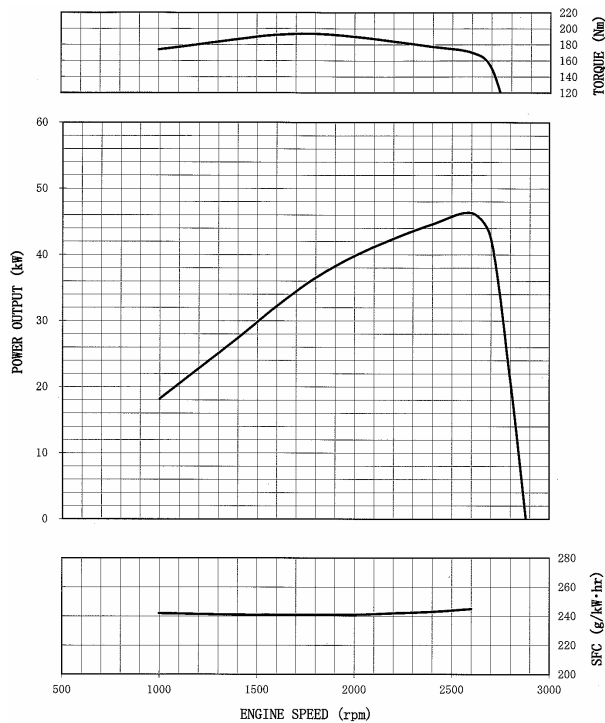
Engine Model	4JG1PK	4JG1PK-01	4JG1TPV	4JG1TPV-01
kW/hp @rpm	62hp @ 2600	62hp @ 2600	49kW @ 1800	49kW @ 1800
Engine Displacement	3.1 Liter	3.1 Liter	3.1 Liter	3.1 Liter
Number of Cylinders	4	4	4	4
Aspiration	Natural	Natural	Turbo	Turbo
Flywheel Housing	SAE #4	SAE #4	SAE #4	SAE #4
Gear Case PTO	Not Applicable	SAE "A" PAD	Not Applicable	Not Applicable
Dry Weight	573 lbs.	573 lbs.	578 lbs.	580 lbs.
Dimensions (mm) (LxWxH)	796.7 x 555.2 x 779.1	796.7 x 555.2 x 779.1	791.5 x 599 x 801	784 x 597 x 801

Engine Model	4JG1TPW-01	4JG1TPW-03
kW/hp @rpm	83hp @ 2500	83hp @ 2500
Engine Displacement	3.1 Liter	3.1 Liter
Number of Cylinders	4	4
Aspiration	Turbo	Turbo
Flywheel Housing	SAE #4	SAE #4
Gear Case PTO	SAE "A" PAD	Not Applicable
Dry Weight	597 lbs.	593 lbs.
Dimensions (mm) (LxWxH)	811.5 x 595.6 x 778.6	740.5 x 586.9 x 778.6

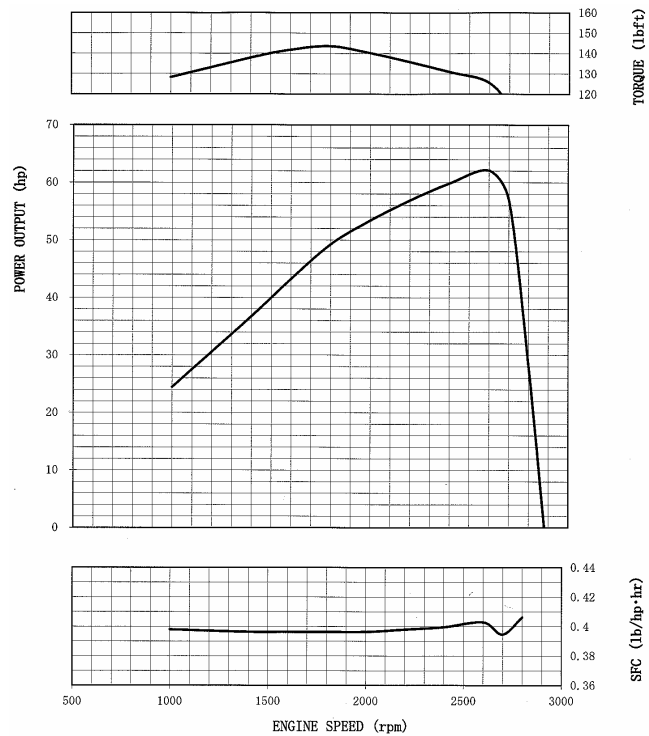


## Performance Curves

### 4JG1PK Curve



### 4JG1PK-01 Curve



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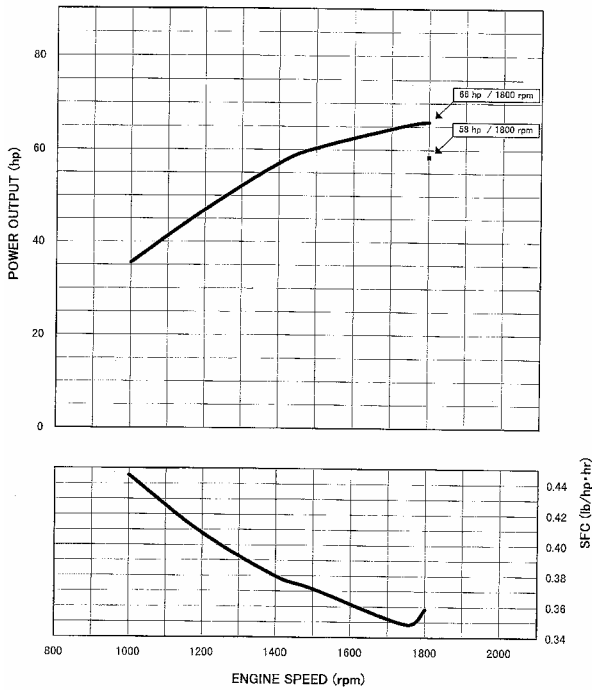
**PowerTrain Division**

46401 Commerce Center Drive ■ Plymouth, MI 48170

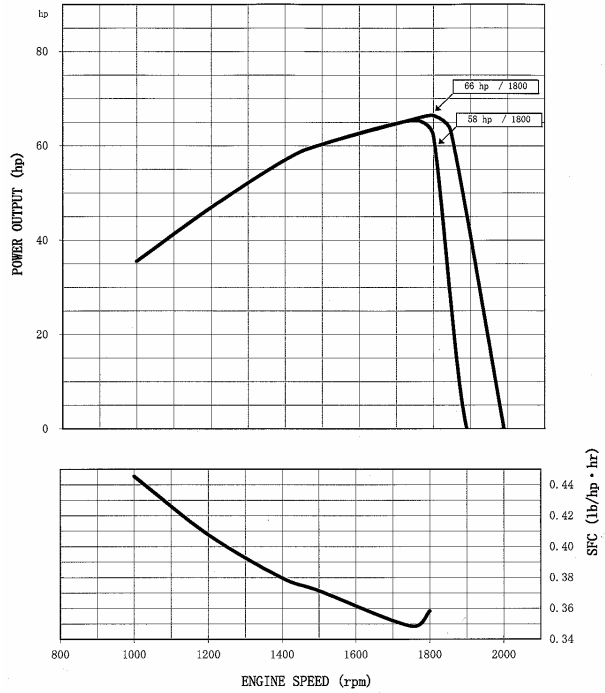
Phone: 734.582.9470 ■ Fax: 734.455.7581

# Performance Curves

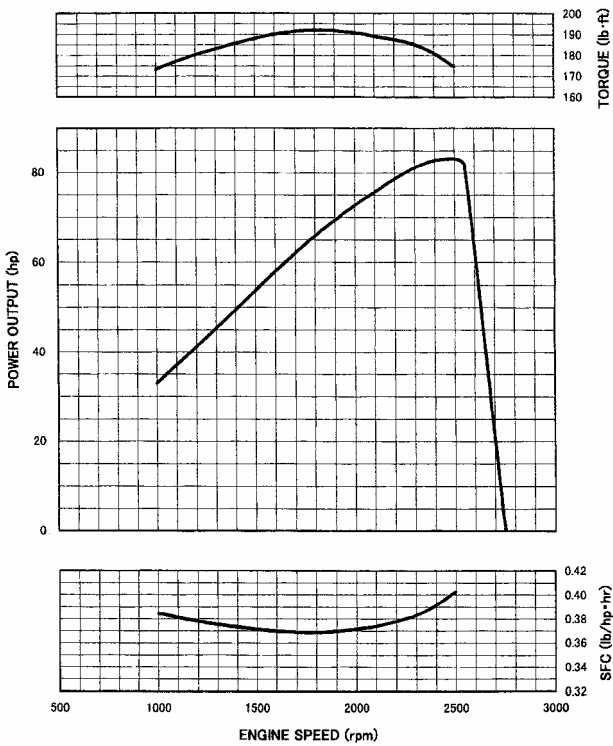
## 4JG1TPV Curve



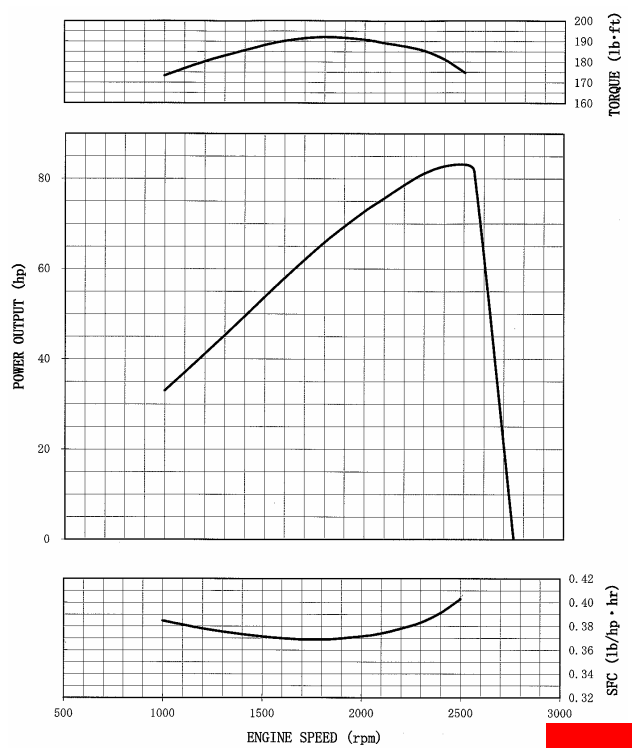
## 4JG1TPV-01 Curve



## 4JG1TPW-01 Curve



## 4JG1TPW-03 Curve



Curves are SAE J1995 Gross BHP unless otherwise specified. Specifications subject to change without notice.

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