



**ENGINEERED CONTROL SOLUTIONS**

**Precision Governors, LLC**

## KUBOTA 05 Engines

### *Model SJ Governing ACTUATORS*

Precision Governor's Model SJ governing actuator uses linear ball bearings to provide low friction governing for all applications requiring precise governing control.

*Custom-designed for use with the following  
Kubota 05 Series Engines*

D905-E	<u>V1305-E</u>
D1005-E	V1505-E
D1105-E	V1505-T-E
D1105-T-E	
D1305-E	



### Features:

- ◆ Custom designed for Kubota industrial engine applications.
- ◆ Features ultra low friction linear ball bearings. Precise, smooth governing actuator control at all temperature ranges. At least ten times lower friction than actuators using solid bushings.
- ◆ Fast and easy installation. Mounts directly to fuel rack with adaptor replacing shutdown solenoid eliminating linkages, pulleys, or external brackets.
- ◆ Failsafe operation. Internal spring returns actuator to the minimum fuel/shutdown position in case of power loss.
- ◆ Requires much less current and operates at much cooler temperatures than others.
- ◆ Available in 12 volt & 24 volt versions.
- ◆ Corrosion and moisture resistant.
- ◆ Ideal for gensets Isochronous control with zero droop over the complete speed range.

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# Specifications

## ELECTRICAL

### Power Input

12 or 24 Volt DC Available

#### 12 VDC

Coil Resistance

4.5 Ohms

Maximum Continuous Current

1.9 Amps

#### 24 VDC

Coil Resistance

15.9 Ohms

Maximum Continuous Current

1.0 Amps

## Connectors

### Standard:

Spade Terminal

AMP P/N 2-520102-2 or equivalent

Mate:

AMP P/N 2-520184-2 or 3-350820-2 or equivalent

### Options:

Deutsch

P/N DT04-2P

Mate:

P/N DT06-2S

Delphi-Packard

P/N 15300027

Mate:

P/N 15300002

## MECHANICAL

### Dimensions:

See drawing for specific model

### Stroke:

See drawing for specific model

### Materials:

Corrosion resistant Aluminum and Zinc Plated Steel

### Weight:

2.3 lbs

### Serial Number:

Etched into housing opposite lead wires

## ENVIRONMENTAL

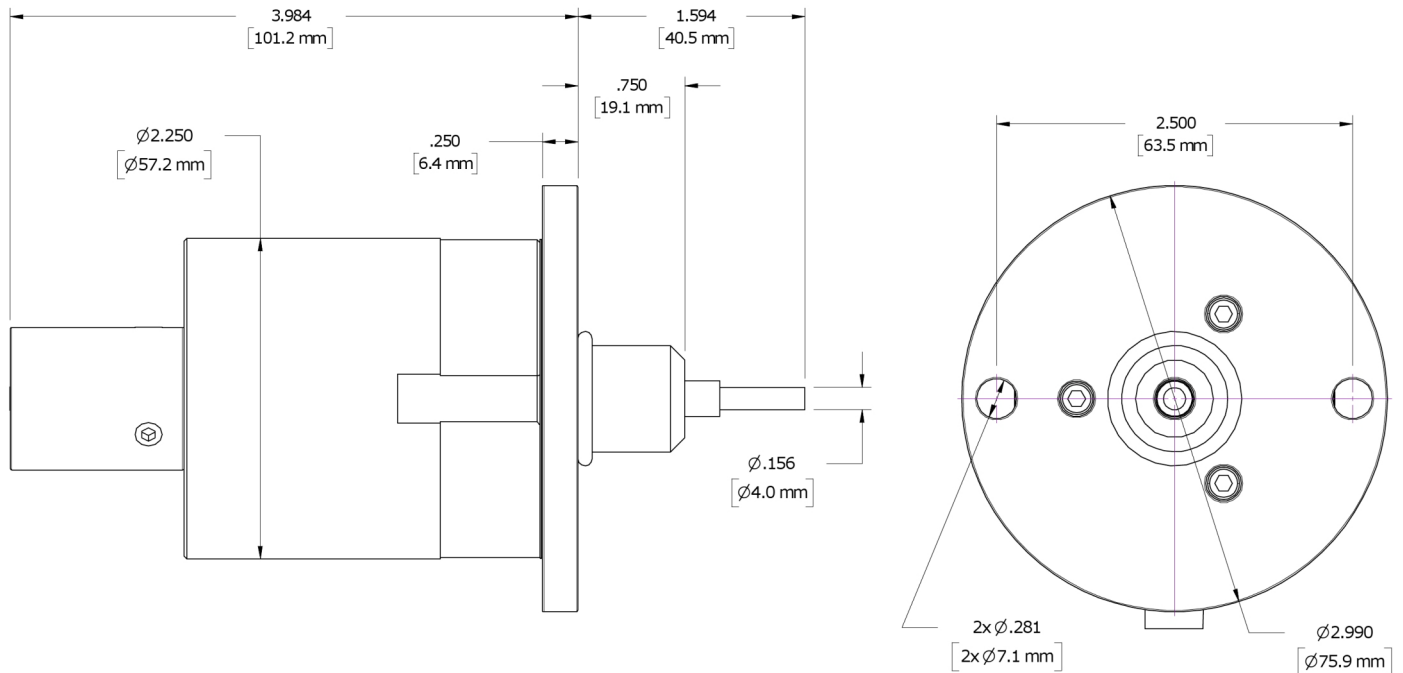
### Operating Temperature Range:

-40°F to 250°F

(-40°C to 121°C)

# Kubota 05 Series Engines

## Model SJ Governing ACTUATOR



SJ SERIES ACTUATOR

## Ultra Low Friction Linear Ball Bearing Design

***Precision Governor's exclusive use of two low friction linear ball bearings in each governing actuator insures precision, reliable governing performance in the most demanding industrial applications.***



***Ordering: Model SJ Governing Actuators for Kubota 05 Series Engines***

Part No.

Description

9208  
9209-1

Series LE  
12 Volt Systems  
Kubota 05 Adaptor Plate