# Model SCX Governing ACTUATOR

Mitsubishi S4S-DT Generator Engine TIER 41

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

Designed for use with engines requiring longer travel, the SX actuators have a linear stroke of .75 inches.



### Features:

- 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.
- <u>Failsafe operation.</u> 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.

## **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: 0.75 inches

Response Time typical: 45 msec @ 63% of travel

Materials: Corrosion resistant Aluminum and Zinc Plated Steel

Weight: 2.4 lbs

<u>Serial Number:</u> Etched into housing opposite lead wires or actuator

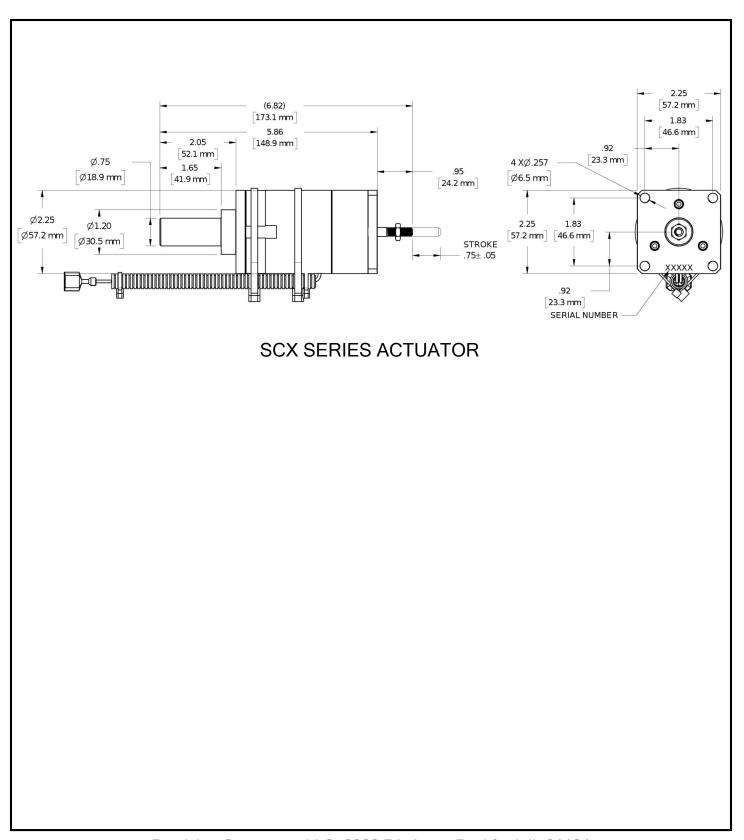
mounting plate.

**ENVIRONMENTAL** 

Operating Temperature Range: -40°F to 250°F

(-40°C to 121°C)

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## **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 SX Governing Actuators

Part No. Description

9484-12 Series SCX
9484-24 12 Volt Systems
24 Volt Systems

Requires Mounting and Linkage Kit Part Number 9486