

## *Model SCX Governing ACTUATOR*

### *Mitsubishi S4S-DT Generator Engine TIER 4I*

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.
- ◆ 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.

# 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

Serial Number: Etched into housing opposite lead wires or actuator mounting plate.

## ENVIRONMENTAL

Operating Temperature Range: -40°F to 250°F  
(-40°C to 121°C)



## 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

12 Volt Systems

9484-24

24 Volt Systems

Requires Mounting and Linkage Kit Part Number 9486