

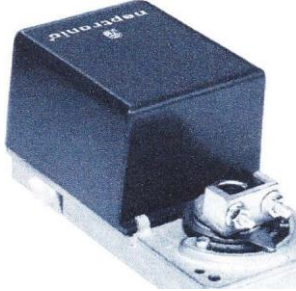


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S Series Actuator (slow motion line voltage) 70 in.lb. (8 Nm) torque

PRIMARY USES FOR THESE ACTUATORS



- small dampers
- VAV box control
- unit ventilators LISTED
- fan coils
- 1/4 turn valves

These compact quarter turn actuators may be directly coupled to either a 1/2 inch round ..., or 3/8 inch square jack shaft or remotely mounted using an adaptor kit. All actuators are bi-directional. Enerdrive actuators are also bi-directional under fail safe conditions. The stroke may be limited to less than 90° mechanically.

GENERAL SPECIFICATIONS

<i>Power Supply:</i>	120Vac or 240Vac Depending upon the Model
<i>Power Consumption:</i>	Peak at Start-up: 8VA to 20VA at Line Voltage Depending upon the Model Operating at Full Load: 8VA at Line Voltage
<i>Wire Size:</i>	18 AWG (0.8 mm ² , Minimum)
<i>Electrical Connections:</i>	5/8 in. (15.9 mm) & 7/8 in. (22.2 mm) Knock Outs, Screw Terminals
<i>Control Signals:</i>	Digital (ST): 2 Wire or 3 Wire 2 Position and 4 Wire 3 Point Floating Depending upon the Model Analog (SM): A) 2-10Vdc; or B) 4-20mA
<i>Torque:</i>	70 in.lb. (8 Nm) at Rated Voltage
<i>Direction & Time of Rotation:</i>	Reversible, 90 to 110 sec, 0-70 in.lb. (0-8 Nm)
<i>Ambient Temperature:</i>	-22°F to +122°F (-30°C to +50°C)
<i>Feedback Potentiometer:</i>	InDigital (STXX5S): Potentiometer (5 Kohms)
<i>Fall Safe (Enerdrive) Rating:</i>	Models Ending in 605, 65S or SOS: 70 in.lb. (8 Nm)
<i>Enerdrive Response Time:</i>	20 to 30 sec Closure Through 90°, 0-70 in.lb. (0-8 Nm)
<i>Auxiliary Switches:</i>	Models Ending in 20S or SOS: 2 Mechanical, Fixed at 10° & 80°
<i>Auxiliary Switch Rating:</i>	1 Amp Resistive, 24Vac or 5 Amp Resistive, 250Vac Depending upon the Model
<i>Electronic Enclosure:</i>	Flammability rating UL94-5V
<i>GearTrain Enclosure:</i>	Die Cast Zinc with a Steel Base



S Series (low voltage) Quick Select

Spec Sheet Available on Our Website

Actuator Models	Power			Control Signals					Time In sec Thru 90° Arc	Actuator Features				
	Norn. Supply	Consumption		Digital		Multi Signal				Feed Back	Auto Stroke	Zero & Span	Fall Safe (Enerdrive)	2 Mech. Aux. Switches
		Start Up	Full Load	2 POS	3 PT FLT	2-10 Vdc	4-20 mA	PWM						
STOOOS	24Vac 30Vdc	8VA	8VA						90 to 110					
STOOSS	24Vac 30Vdc	8VA	8VA						90 to 110					
ST020S	24Vac 30Vdc	8VA	8VA						90 to 110					
ST060S	24Vac 30Vdc	20VA	8VA						90 to 110					
ST065S	24Vac 30Vdc	20VA	8VA						90 to 110					
ST080S	24Vac 30Vdc	20VA	8VA						90 to 110					
SMOOOS	24Vac 30Vdc	8VA	8VA						90 to 110					
SM020S	24Vac 30Vdc	8VA	8VA						90 to 110					•
SM060S	24Vac 30Vdc	20VA	8VA						90 to 110				•	
SM080S	24Vac 30Vdc	20VA	8VA						90 to 110				•	•



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