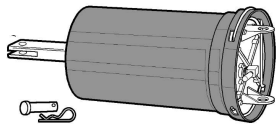


SIEMENS

Powers™ Controls

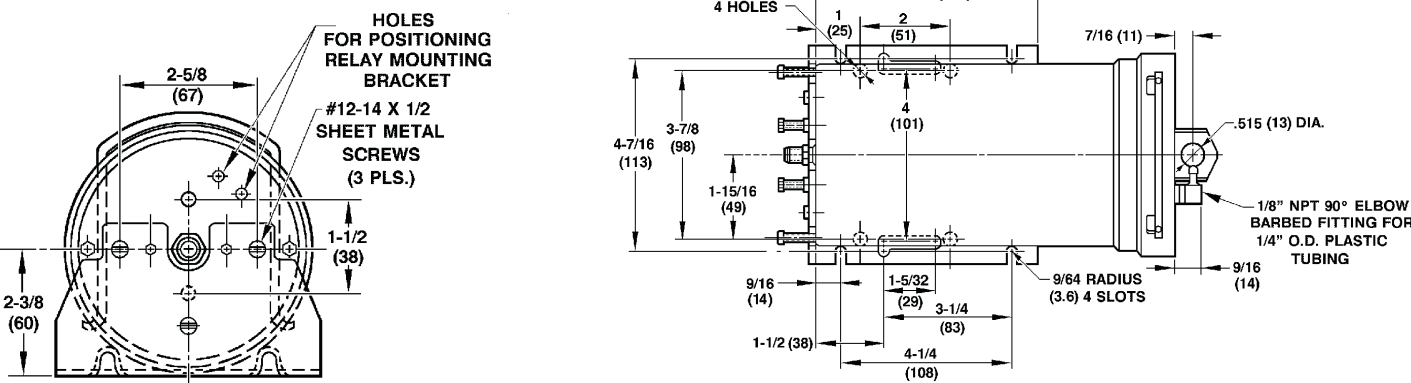
No. 4 Pneumatic Damper Actuator



Specifications

Effective Diaphragm Area.....	11 in ² (71 cm ²)
Stroke	4 in. (102 mm)
Stroke (Hesitation Model).....	3 in. (76 mm)
Stem	Stainless Steel
Housing	Steel with Cathodic Epoxy Electrocoat
Diaphragm	Ozone Resistant Rubber
Maximum Air Pressure.....	30 psig (210 kPa)
Nominal Spring Ranges	3-7 psi (21-50 kPa)
.....	3-13 psi (21-90 kPa)
.....	5-10 psi (35-70 kPa)
.....	8-13 psi (55-90 kPa)
Nominal Spring Range (Hesitation Model).....	2-3; 8-13 psi
.....	(14-21; 55-90 kPa)
Ambient Temp. Range-Operating.....	35-140°F (2-60°C)
.....	-20-140°F (-29-60°C)
Air Connection	Elbow barb fitting for 1/4" OD plastic tubing
.....	installed in 1/8" NPT opening
Mounting Styles Available	Front, Bracket, Pivot

Dimensions



Thrust and Torque Rating.

Nominal Spring Range	Maximum Thrust lb (N)				Torque Rating* lb-in (Nm)		
	Full Stroke Forward			Spring Return (No Stroke) 0 psig (0 kPa)	Gradual Operation	2-position Operation or Positioned	
	15 psi (103) kPa	18 psi (124) kPa	25 psi (172) kPa			18 psi (124) kPa	25 psi (172) kPa
3-7 psi (21-50 kPa)	88 (391)	121 (538)	198 (881)	33 (147)	30 (3.4)	46 (5.2)	46 (5.2)
3-13 psi (21-90 kPa)	22 (98)	55(245)	132 (587)	33 (147)	30 (3.4)	46 (5.2)	46 (5.2)
5-10 psi (35-70 kPa)	55 (245)	88 (391)	165 (734)	55(245)	30 (3.4)	77 (8.7)	77 (8.7)
8-13 psi (55-90 kPa)	22 (98)	55(245)	132 (587)	88 (391)	30 (3.4)	77 (8.7)	77 (8.7)
2-3, 8-13 psi (14-21, 55-90 kPa) Hesitation	22 (98)	55(245)	132 (587)	22 (98)	23 (2.6)	—	—