

## Product Description

The OpenAir™ GMA161.1P/PS Series spring return, 62 lb-in electronic damper actuators provide modulating control of building HVAC dampers.

## Product Specifications

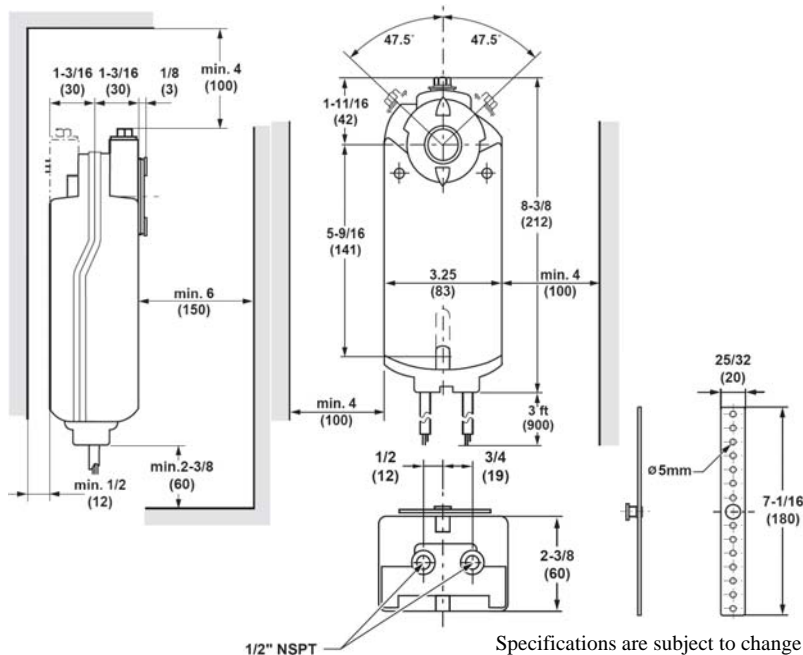
<b>Torque:</b>	62 in-lb (7 Nm) running and spring return <186 in-lb (21 Nm) maximum
<b>Motor Running Time:</b>	90 sec. for 90°
<b>Spring Running Time:</b>	15 sec. typical (30 sec. max.) for 90°
<b>Angle of Rotation:</b>	90° nominal, 95° max.
<b>Control:</b>	0-10 Vdc, Modulating
<b>Power Supply:</b>	24 Vac ± 20% 50/60 Hz, 24 Vdc ± 15%
<b>Power Consumption:</b>	5 VA (running), 4 VA (holding)
<b>Electrical Connection:</b>	3' (.9m) 18 AWG plenum cable
<b>Equipment Rating (24V):</b>	Class 2 per UL/CSA
<b>Shaft dimensions:</b>	1/4" to 3/4" (6.4 to 20.5 mm) dia. 1/4" to 1/2" (6.4 to 13 mm) sq. 3/4" (20 mm) min. length
<b>Operating Temperature:</b>	-25°F to 130°F (-32°C to 55°C)
<b>Storage Temperature:</b>	-40°F to 158°F (-40°C to 70°C)
<b>Ambient Humidity:</b>	95% RH (non-condensing)
<b>Housing:</b>	NEMA 1, IP54 per EN60529
<b>Material:</b>	Die cast aluminum alloy
<b>Agency Listings:</b>	CE, UL60730, cUL C22.2 No. 24-93
<b>Gear Lubrication:</b>	Silicone-free
<b>Weight:</b>	2.9 lb (1.3 kg)
<b>Dimensions:</b>	8 3/8" (212 mm) H 3 1/4" (83 mm) W 2 2/3" (68 mm) D
<b>Noise Level (max):</b>	<40 db(A) (running)
<b>Quality Standard:</b>	ISO 9002 and ISO 14000



## Product Features

- Brushless DC motor technology with stall protection
- Bi-directional fail-safe spring return
- Unique self-centering shaft coupling
- Manual override
- 62 lb-in (7 Nm) torque
- 5° preload as shipped from factory
- Offset and span adjustment models available
- UL and cUL listed

## Product Dimensions



## Product Wiring

