



General Actuator Specifications

Case: Glass Filled Nylon

Position Indicator: Dome Enclosure, Clear Polycarbonate

Hardware: Stainless Steel, 300 Series

Wire Leads: Standard 16" wire length, Black PVC Jacket, Round or Flat Wire, Color Coded 18 or 20 gauge multi-strand, tinned copper

Wire Connectors: Weather Pak, AMPSEAL, Conxall, Metri-Pak, Deutsch DT, M12, with mating bare wire pigtail available

Input Voltage: 12 VDC, 24 VDC, 24 VAC

Control: Switching signal current ~5 mA (Excludes 2 wire reverse polarity regulating "50K" control type)

Shaft Rotation: Standard ¼ Turn 90°, multi stop available, up to 300° rotation

Normal Operating Temperature Range: -32 °F up to 125 °F

Storage Temperature Range: -40 °F up to 185 °F

Duty Cycle: 50%

Actuator Gear Motor Specs

Actuator Model	Motor Code	90° Rotation Cycle Time sec. @ 12VDC	Recommended Torque @ 12 VDC (inch lbs)	Max Torque @ 12 VDC (inch lbs)	Current Amps Run/Stall @ 12 VDC
EH8	A	0.2	consult engineering		0.5/1.1
EH8	B	0.2	consult engineering		0.3/1.6
EH7	K	0.5	consult engineering		1.5/6
EH7	J	7.0	consult engineering		0.3/1
EH3	2	0.8	75	105	1/5
EH3	N	1.5	60	84	1/2.5
EH3	P	2.5	40	56	1/2.5
EH3	Q	7.0	40	56	1/2
EH3	O	12.0	40	56	0.8/1.5
EH2	Z	0.5	100	140	4/12
EH2	Y	1.5	220	308	1.5/9
EH2	V (24 VDC)	1.5	175	245	1.5/4
EH2	W	3.0	220	308	2/6
EH2	U	8.0	220	308	0.7/2.5
EH5	5	3.0	350	525	2.5/8