

# Valve Actuator Data Spec Sheet



## Valve Actuator Specifications

**Case:** 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 18ga. Multi strand tinned copper

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

**Input Voltage:** 12VDC, 24VDC, 24VAC

**Control:** Switching signal current 100mA-150mA (Excludes 2 wire reverse polarity regulating "50K")

**Shaft Rotation:** Standard 1/4 Turn 90 Degree, multi stop available, up to 300 degree rotation

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

**Duty Cycle:** 50%

**Life:** Application & Duty Dependent. Estimated life up to 500,000 cycles with proper installation

Actuator Model	Motor Code	90 Deg Rotation Cycle Time 12VDC (seconds)	Recommended Torque 12VDC (inch lbs)	Max Torque 12VDC (inch lbs)	Current Amps Run/Stall 12VDC
EH7	K	0.5	20	42	1.5 / 6
EH7	J	7	20	42	0.3 / 1
EH3	M	0.8	40	56	1 / 3
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	40	56	1 / 2
EH3	O	12	40	56	0.8 / 1.5
EH2	Z	0.5	100	140	1.5 / 9
EH2	Y	1.5	220	308	1.5 / 9
EH2	V (24VDC)	1.5	175	245	1.5 / 4
EH2	W	3	220	308	1.5 / 4
EH2	U	7	220	308	1 / 2.5
EH5	5	3	350	525	2.5 / 8