

## Standard Features

- Exd IIB T4 Certified
- **Motor:** Reversing, brushless, capacitor run 120 VAC 50/60 Hz, single phase
- **Overload protection:** Integral thermal overload protection for motor windings with automatic reset
- **Gear train:** Permanently lubricated, solid gear that is Rockwell hardened
- **Corrosion Resistant Enclosure:** Thermally bonded polyester powder coat finish with stainless steel trim
- ISO mounting configuration (F07/17 star)
- **Conduit:** Two ½" FNPT conduit entries to eliminate cross feed between control, feedback, and power signals
- **Position indication:** Highly visible Beacon position indicator for positive position of valve, even at a distance
- **Declutchable manual override:** Pull up on indicator knob, insert 5/8" wrench on to flats and rotate in the appropriate direction [CCW for open, CW for close].
- **Limit switches:** Standard end of travel limit switches can be used for light indication [not to be use with PLC for position confirmation]
- ATEX Ex II 2 G Enclosure (Ex d IIB T4): Combination Weather Proof & Explosion Proof enclosure for use in various environments
- Captivated SS hexhead slotted enclosure screws
- **CE compliant motor:** All 120 VAC and 220 VAC motors are CE compliant stamped as such
- **Extended duty cycles:** Our extended duty cycles are ideal for modulating and high cycling applications
- **Output torque:** Series 92 Electric Actuators have an output torque range from 400 in/lbs to 2000 in/lbs

## Engineering Data

Model	Torque (in/lbs)	120/1 VAC		220/1 VAC		Cycle time Per 90 degrees [Seconds]*	Weight
		Amp Draw	Duty Cycle	Amp Draw	Duty Cycle		
S92	400	0.5	100%	0.4	100%	15	15.3
A92	700	0.8	75%	0.6	75%	15	15.3
B92	1100	0.5	100%	0.4	100%	32	15.3
C92	2000	1.0	50%	0.6	50%	32	18.3

Amp rating is considered locked rotor

Duty cycles are for ambient temperature [73F]

\*Cycle times are approximate



## Engineering Specifications

Size: S92, A92, B92, C92

Torque: 400-2000 in/lbs

Voltage: 120 VAC 1Ph 50/60 Hz

Amp Draw: S92, B92 .5A, A92 .8A, C92 1.0A

Conduit Entry: Two (2) ½" FNPT

Max Ambient Temperature: 150° F

Switches: Two (2) single pole, double throw [2-SPDT] 15 amp rated

Cycle Time per 90°: S92, A92: 15 seconds

B92, C92: 32 seconds

Enclosure: Exd IIB T4

## Options

- 4-20mA Positioner
- 4-20mA Transmitter
- Auxiliary limit switches
- Mechanical brake
- AC control relay
- 220vac
- Hand wheel manual override
- TYPE 7 Breather