

Electric Valve Actuators



Models	561825C, 561850C, 561851C, 561856C, 561857C, 561877C	561825A, 561850A, 561851A, 561856A, 561857A, 561877A
Type	Quarter turn (90°)	Quarter turn (90°)
Enclosure	Rugged aluminum Type 4X, IP67	Rugged aluminum Type 4X, IP67
Enclosure Exterior Size (ON-OFF)	Overall 1-2 mm larger than "A" models (see series data sheet)	Approximately 161 L x 156 H x 143.5 D (millimeters)
Enclosure Exterior Size (EPS)	AC: Size unchanged DC: Overall about 30 mm smaller than "A" models (see series data sheet)	AC: Approximately 161 L x 156 H x 134.5 D (millimeters) DC: Approximately 196.5 L x 180 H x 151 D (millimeters)
Approvals	CSA Listed per UL429 & CSA22.2 no. 139 CE mark	CSA Listed per UL429 & CSA22.2 no. 139 CE mark
Voltages	120 VAC, 24 VDC	120 VAC, 24 VDC
Electrical Connection	Terminal strip w/cable connector, (optional) 1/2" NPT Conduit	Terminal strip w/cable connector, (optional) 1/2" NPT Conduit
Mechanical Travel Stops	Standard	Standard
ISO Mounting Flange	Standard ISO5211 mounting	Standard ISO5211 mounting
Motor	Heavy duty motor, integral to housing	Heavy duty motor, integral to housing
Motor Protection	Standard	Standard
Average Cycle Time (AC models)	25 seconds (50 Hz) / 21 seconds (60 Hz)	20 seconds (50 Hz) / 17 seconds (60 Hz)
Duty Cycle	70%	70%
Tested Nominal Life	10,000 cycles (AC and DC)	10,000 cycles (AC), 6,000 cycles (DC)
Worm Gear	Larger size for improved lifespan	Standard
Bearing	Larger size for improved lifespan	Standard
Temperature Range	-22 to 140° F	-22 to 140° F
Anti-condensation Heater	Standard	Standard
Auxiliary Limit Switches (2)	Standard (on-off models)	Standard (on-off models)
Positioner Models	4-20 mA	4-20 mA
AC EPS Positioner Model	Larger wiring control module pack (not backward compatible)	Smaller wiring control module pack (not cross-compatible)