

iVS Range Features

iVS range electric actuators are designed for quarter-turn operating applications requiring a fail position upon loss of power supply. They utilize a compact mechanical spring set to fail the valve or damper clockwise (CLOSE) or counter-clockwise (OPEN).

Models come with:

- Output torques ranging from 50 N•m (440 lb•in) to 260 N•m (2,300 lb•in)
- High grade aluminum enclosures, which are hard anodized both inside and out
- Exterior protected with a durable polyester powder coating
- Covers utilizing O-ring sealing and captive stainless-steel fasteners
- Enclosures meeting the sealing standards of CSA and NEMA Type 4X along with IP67 Ingress Protection
- Visual Position Indicator as standard
- Adjustable mechanical buffer for the fail end position as standard
- Mounting base conforming to ISO 5211 as standard
- Space heater and thermostat provided as standard
- Standard Operating Temperature range of -40°C to +65°C (-40°F to +149°F)
- Standard voltages of 24V DC, 24V AC, 110V/220V AC, 1PH, 60Hz ±10%
- TWO POSITION Control as standard
- Standard 50% Duty Cycle at 30% rated torque
- Ratings from 30 to 60 starts/movements per hour for inching control with a cyclic duration factor of not less than 25%
- Built-in Resettable Motor Thermal Protection
- Standard 4 limit switches: 2 for operation, 2 x SPDT for extra dry contacts

Available Options:

- Explosionproof Enclosures for Hazardous environments (CSA and NEMA Type 7 for Class I Div 1 Groups C&D areas and CSA and NEMA 9 for Class II Div 1 Groups E, F & G areas)
- ON/OFF Control (3-Position)
- Modulating Control
- 4-20mA Current Position Transmitter or Potentiometer (1K or 5K)
- Clutch-less Geared Manual Handwheel Override
- IP68 Ingress Protection provided as standard with Explosionproof Enclosures