Standard Features (Sizes 3/8” – 2”)

- PVC or CPVC Omni® Type-27 valve
  (all materials Type-21 or Type-23 ball valves up to 2”)
- Standard models are 115 VAC thermally protected with single limit switch cam/coupling activated
- Sealed weatherproof enclosure includes:
  - Flanged cover and base Type 4X rated enclosure with Nitrile flat gasket seal
  - Nitrile O-ring or gasket valve to actuator base seal
  - Nitrile motor mounting bolt seals
  - NPT threaded to base 90° elbow provides 1/2” NPT conduit entry with 6” color coded wire leads
- Interated ISO mounting pattern baseplates
- Direct mounted valves - No mounting bracket required
- Sealed 90° cable entry elbow
- Captivated stainless steel hex head slotted cover screws
- Quarter-turn five second cycle time unidirectional (115 and 220 VAC) motors
- Quarter-turn five second cycle time for low voltage reversing motors (12/24 VAC, 12/24 VDC)
- Compact and low profile, ideal for OEM type installations

Sample Specification

All open/close electrically actuated ball valves, sizes 3/8” through 2”, shall have direct mounted unidirectional quarter-turn actuators 115 VAC and 220 VAC, (12/24 VAC/VDC shall be reversing). Actuator shall be rated Type 4X design with gasket cover to base seal, captive cover screws, (1) 1/2” NPT conduit fitting with wires protruding 6” for customer hook-up and O-ring or gasket to valve seal. A green wire lead shall be provided for grounding purposes. The actuators shall be factory equipped with Omni® Type-27, Type-21 or Type-23 ball valves, as manufactured by Asahi/America, Inc.

Options

- Voltages: 220 VAC, 12/24 VAC, 12/24 VDC
- Two-wire control relay for retrofitting solenoid (requires constant power and SPST dry contact switching)
- One additional limit switch for open/close position indication
- Amber/green position indicating lights

Specifications

**Motor Type:** Unidirectional, Single phase
**Size:** A83 3/8” - 2” valves
**Torque:** 120 in/lbs.
**Voltage:** 115 VAC
**Amp Draw:** 2.1 Amps
**Temp:** Ambient Temp to 150° F
**Switches:** One single pole, Double throw (15 Amp rating)
**Enclosures:** Corrosion/Weather proof-Type 4X

Wt. (lbs.)/Dimensions (in.)

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Duty cycle show for ambient temp. (73° F)