



SVF "E" Series electric actuators are rugged, heavy duty devices for a wide range of industrial applications. These rotary actuators are designed to provide the operating torque required to automate our full line of process-quality ball valves.

Materials of Construction

Housing Cast Aluminum
 Coating Thermally Bonded Polyester Powder
 Gearing Hardened Steel
 Output Shaft Stainless Steel
 Cover Bolts Stainless Steel



Electric Actuator - Quick Reference

| Output Torque (lbf.in.) | SVF Model | Standard Voltage | Locked Rotor Current | Wire Size | Conduit Size | Speed Sec/90 | Duty Cycle | Weight Lbs. |
|-------------------------|-----------|------------------|----------------------|-----------|--------------|--------------|------------|-------------|
| 100 | E100 | 115/60/1 | 0.55 | AWG 14 | 1 x 1/2" | 2.5 | 75% | 5 |
| 200 | E200 | 115/60/1 | 0.75 | AWG 14 | 1 x 1/2" | 5 | 25% | 7 |
| 300 | E300 | 115/60/1 | 0.99 | AWG 14 | 1 x 1/2" | 5 | 25% | 7 |
| 675 | E675 | 115/60/1 | 0.75 | AWG 14 | 1 x 1/2" | 15 | 25% | 13 |
| 1000 | E1000 | 115/60/1 | 1.10 | AWG 14 | 1 x 1/2" | 15 | 25% | 13 |
| 1500 | E1500 | 115/60/1 | 1.10 | AWG 14 | 1 x 1/2" | 30 | 25% | 13 |
| 2000 | E2000 | 115/60/1 | 1.15 | AWG 14 | 1 x 3/4" | 12 | 100% | 30 |
| 3840 | E3840 | 115/60/1 | 2.90 | AWG 14 | 1 x 3/4" | 14 | 100% | 30 |

Limit Switch Specifications

All limit switches are rated 15A, 1/2 HP at 125-250 VAC; 0.5A at 125 VAC

Mounting Dimensions by Model

| Model | B.C. #1 (Inches) | B.C. #1 ISO | Mounting Bolts (4) | Recessed Drive (Square @90) | Recessed Drive (Depth) | Weight Pounds |
|-------------|---|-------------|--------------------|-----------------------------|------------------------|---------------|
| E100 (BC1)* | 1.969 | F05 | 1/4-20 x 0.38 | 0.433 | 0.39 | 5 |
| E100 (BC2)* | 1.417 | F03 | 1/4-20 x 0.38 | 0.433 | 0.39 | 5 |
| E200 | 1.969 | F05 | 1/4-20 x 0.44 | 0.551 | 0.63 | 7 |
| E300 | 1.969 | F05 | 1/4-20 x 0.44 | 0.551 | 0.63 | 7 |
| E675 | 2.756 | F07 | 5/16-18 x 0.38 | 0.669 | 0.63 | 13 |
| E1000 | 2.756 | F07 | 5/16-18 x 0.38 | 0.669 | 0.63 | 13 |
| E1500 | 2.756 | F07 | 5/16-18 x 0.38 | 0.669 | 0.63 | 13 |
| E2000 | This model has male output drive. See SVF "E" Series brochure | | | | | 30 |
| E3840 | This model has male output drive. See SVF "E" Series brochure | | | | | 30 |