

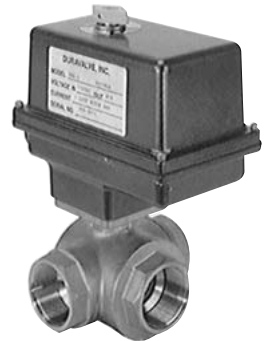


## VALVES & ACTUATORS

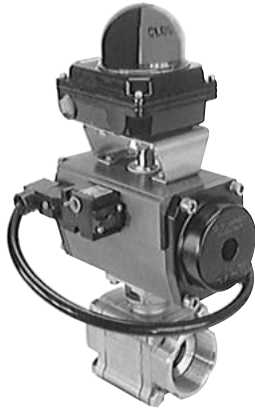
### Manual & Automated Valves

The DuraValve direct mount style ball valve with its superior stem seal design, provides a long cycle life when mounted to the Durair II pneumatic actuator or DuraValve electric actuator.

DuraValve's employees and abundant inventory provide for prompt delivery of valves, actuators and automated assemblies to meet your toughest delivery requirements.



DuraValve offers a complete line of direct mount high performance rotary valves, 1/4" thru 6" in brass and stainless steel with various end connections.



DuraValve provides precision made stainless steel mounting kits for non-direct mount style valves that assure proper valve to actuator alignment.



DuraValve offers a complete line of manual valves to meet your process needs.

### Electric Actuators

#### SPECIFICATIONS:

**Sizes:** 10

**Torque:** 100–5000 In-Lbs.

**Enclosures:**

NEMA 4 Watertight Standard

NEMA 7 Explosion Proof Optional

**Materials:**

Enclosure—Cast Aluminum with a thermally

bonded polyester powder coating

Output shaft—Stainless Steel

Fasteners—Stainless Steel

**Voltages:**

115 VAC, 60H, 1 PH. PSC—Standard

240 and 24 VAC, 12 and 24 VDC—Optional

Thermal overload protection—Standard

Wired for light indication—Standard

**Limit Switches:**

Two SPDT, Independently adjustable from 0 to 90 degrees

15A, 1/2 HP 125, 250 VAC 0.5A, 125 VDC

**Terminal Strip Connection:**

AWG 14

**Lubrication:**

Permanent

**Installation:**

Universal

**Temperature Limits:**

40 degrees Fahrenheit to 150 degrees Fahrenheit. (Heater required at 0 degrees Fahrenheit and below.)

**CSA Certified:**

Models through 3,840 In-Lbs.

**Optional Features:**

Voltages, feedback potentiometer, 4-20mA positioners, heater-thermostat, additional limit switches, motor brake, extended duty motors.

**Note: Not All Options Available On All Models.**



## **VALVES & ACTUATORS**

### **Durair II**

#### **Pneumatic Actuators**

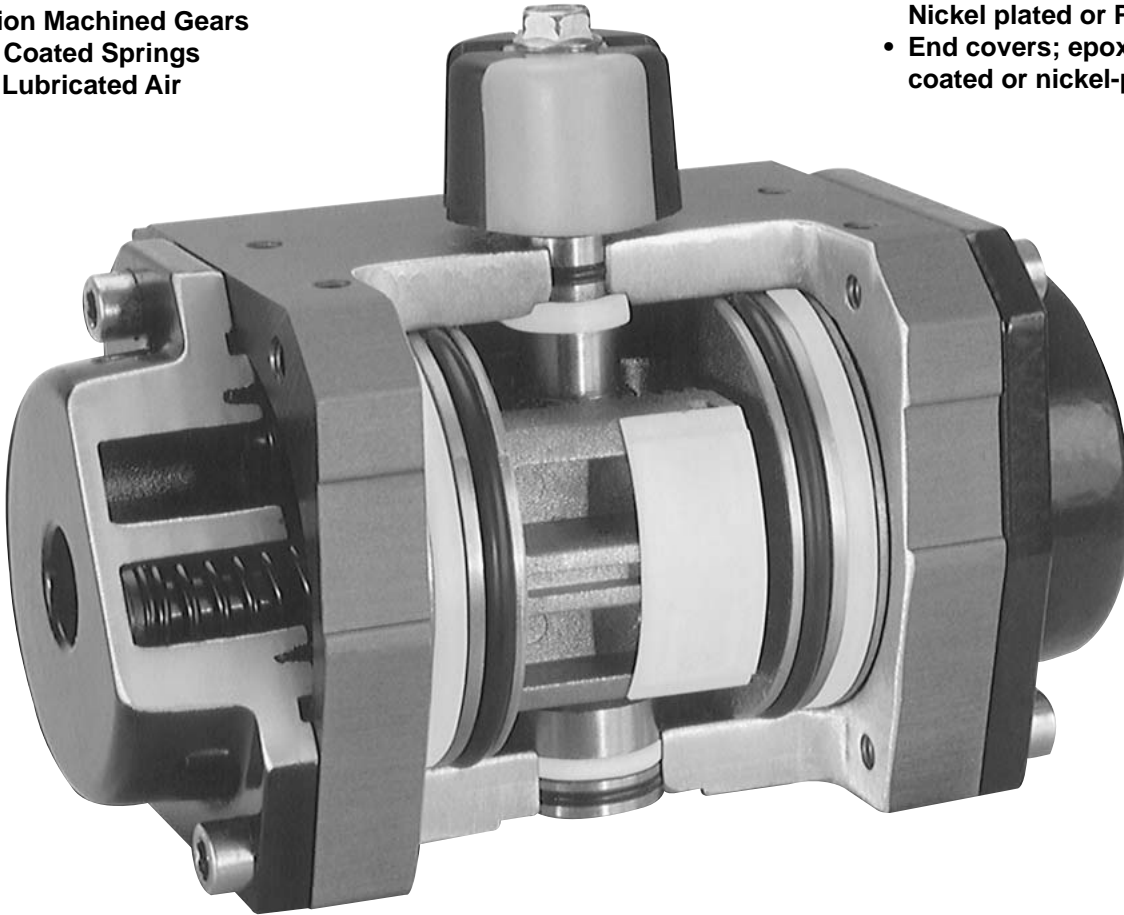
#### **Rack & Pinion Design for Rotary Valves**

##### **Extended Cycle Life** (1 million cycles)

- Low Friction Bearings
- Polished Bore
- Precision Machined Gears
- Epoxy Coated Springs
- Dry or Lubricated Air

##### **Exterior Coatings**

- Tested to ASTM B117-73 (500 hrs. salt spray)
- Anodized body (ASTM 6063) Nickel plated or PTFE coated®
- End covers; epoxy-polyester coated or nickel-plated



##### **Mounting Styles**

- NAMUR dimensions for accessories
- ISO dimensions for valve
- Shaft variations available for direct mounting
- Female star drive output shaft
- Independent travel stops  $\pm 4^\circ$  each direction

##### **Safety**

- Precompressed spring cartridge
- Visual indicator