

# MAIN FEATURES



- **Universal Mounting Pads – Direct Mount**

A combination of different mounting pad dimensions allow users to directly replace other existing spring-diaphragm actuators or mount directly to new and existing quarter turn valves.

- **Namur Mount**

The design of the unit makes it easy to mount for various control accessories, such as limit switches, solenoid valves, positioners, and decluchable manual overrides.

- **Multiple Drive Bushings (Removable & Replaceable)**

The removable drive bushings allow users to mount ASD actuators to a number of different valve stem configurations wheather in the field on existing valves or on new valve applications.

- **High Cycle Life Design & Low-Friction Bearing**

The actuators feature a rolling diaphragm design with a one-piece diaphragm retainer and its UMWPH bearing which helps achieve superior longevity of the life cycle and exceptionally smooth actuation due to the low friction generated during operations. Cycle life over 1 million cycles.

- **Reversible in Field Fail Open or Fail Closed Option**

By simply inverting the actuator and bushings, the ASD actuators can be quickly and easily changed to fail open or fail closed position in the field.

- **Torque Ranges**

The ASD actuators provide various output torque ranges: from 133 in-lbs to 12,682 in-lbs depending on the actuator size, spring configuration, and available media supply pressures.

- **Supply Pressures**

The ASD Series Actuators can be operated with numerous designated media supply pressures ranging from 15 psig to 100 psig.

- **Supply Media**

The ASD Series Actuators can be operated by air, gas, water or mineral-based hydraulic fluid.

- **Travel Stops**

There are two adjustable travel stops that allow actuators to be adjusted to the fully open or fully closed positions. With extend adjustment bolts, the actuators can be used to adjust a rotary control valve from 60-95 degrees.

- **Mechanical Lockout Option**

A lockout screw is used to positively lock the unit in the spring failure mode.

- **Corrosion Resistant**

Standard surface body and cover are fully applied with a UV Protection polyester powder coating combined with stainless steel external fasteners provides durability and protection in a corrosive environment. PTFE coating is also available as an option.

- **Maintenance Free Lubrication**

All actuators are lubricated at the factory during the time of production. No further lubrication is required during the life cycle.

