

## RSVP Type 1031 Piston Rotary Actuators

Type 1031 piston rotary actuators are rugged, versatile units which provide a reliable method of opening and closing rotary valves. These actuators utilize the efficient scotch yoke mechanism to transform linear movement of the piston into a 90° rotating movement for optimum break and run torque. Many different model number combinations of actuator sizes, cylinder diameters, and double acting or spring-return action are available for installation on 1/4 turn valves. These actuators are designed for use over a wide range of pressures and temperatures.

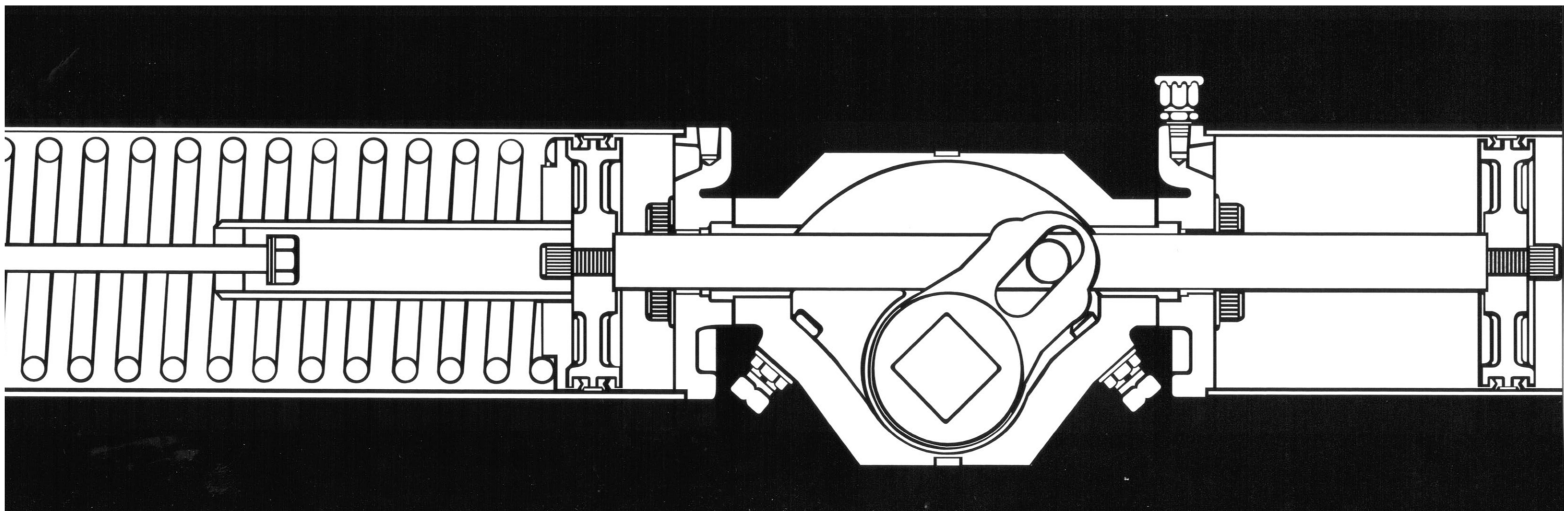
Double-acting actuators (see figure 2/page 3) require pressure to rotate the valve in either direction. Spring return actuators (see figure 3/page 3) require pressure to rotate the valve in one direction only and can be easily installed to open or close the valve on loss of air pressure. Both double-acting and spring-return actuators are available with either one cylinder or with two cylinders for higher torque.

Power-actuated packages are available with a full line of accessories and options including position indicating switches, solenoids, supply pressure regulators, and positioners.

### Features

- **On-Shelf Availability-** A wide variety of actuators, valves, and accessories is readily available for custom configuration to specific customer needs.
- **Ease of Installation-** The power-actuated package minimizes on-site and in-shop engineering and installation operations. No special mounting or assembly techniques are required.
- **Rugged Construction-** The two-piece cast housings provide protection and stability of internal parts. High-grade alloy materials are used in all motion transfer components for precise and smooth operation at the full rated torque output. The actuators will withstand vibrations of most plant environments.
- **Longer Service Life-** The rugged, self-enclosed construction, output shaft bearings, amalgam cylinders or Xylan™ coated steel cylinder bore to help provide longer life.
- **Seismic Qualification-** Actuators have been seismically qualified for nuclear applications.

TM - Trademark of Dupont



RSVP Actuators & Controls, Inc. 600 Highway 290 E. Hempstead Texas, 77445 USA

PH: 979-826-4211 E-Mail [info@rsvp1031.com](mailto:info@rsvp1031.com)

[www.rsvp1031.com](http://www.rsvp1031.com)