## **Options and Accessories:**

**Seal Kits** 

The swing out design of 4-bolt valves allows fast and easy maintenance with the valve inline



## **Pneumatic Actuators**

Swagelok rack and pinion pneumatic actuators are compact, lightweight, easily mountable and can be operated with standard shop air. They are available in spring-return and doube-acting modes.

## **ISO 5211 Compliant Pneumatic Actuators**



Rack and pinion pneumatic actuators are suitable for general applications. Available in spring-return and double-acting models.

Swagelok 63 series valve with actuator, solenoid, and proximity sensor.

#### Important information about Swagelok Process Ball Valves:

- Swagelok ball valves are designed to be operated in a fully open or fully closed
- A packing adjustment may be required periodically to increase service life and to prevent leakage.

#### Warranty information:

Swagelok products are backed by The Swagelok Limited Lifetime Warranty. For a copy, visit Swagelok.com or contact your authorized Swagelok representative.

#### Safe Product Selection:

When selecting a product, the total system design must be considered to ensure safe, trouble-free performance. Function, material compatibility, adequate ratings, proper installation, operation, and maintenance are the responsibilities of the system designer and user.

Do not mix or interchange parts with those of other manufacturers.

# Swagelok

Idaho | Montana | Salt Lake | Rock Springs

# Demand Swagelok 60 Series Ball Valves

When Your Fluid System Demands

VERSATILITY

- ◆ 1/8 to 2 inch and 6 to 25mm sizes
- ♦ Stainless Steel, Carbon Steel, Brass and Special Alloy Materials
- On-Off (2-way) and switching (3-way) valves
- Compensating Seat Design

**DEPENDABILITY** 

Live-loaded, Two-piece stem packing

#### Boise

9985 W Emerald St Boise, ID 83704

208.333.8155

idaho.swagelok.com/60-series-hub

#### Idaho Falls

6230 Heritage Ln Idaho Falls, ID 83402

208.524.2342 idaho.swagelok.com/60-series-hub

## Salt Lake City 155 W 3560 S

Salt Lake City, UT 84115 801.266.3560

## **Rock Springs**

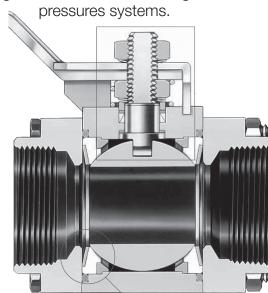
2732 Commercial Way Rock Springs, WY 82901 307.362.1201

Swagelok Idaho | Montana | Salt Lake | Rock Springs

**DURABILITY** 

## **60 Series Valves Features:**

- Quarter turn actuation
- Wide selection of materials
- Pneumatic and electric actuators
- Optional vent porting
- Flexing seat design ensures leak tight seal in both low and high



# Unique coned-disc spring-loaded seat compensates for seat wear, pressure, and temperature changes reduces seat wear from pressure surges

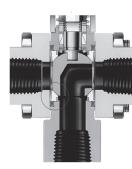
rrom pressure surges
seals regardless of flow direction

Coned-disc spring

Flange seal
provides leak-tight
seal between flange
and center body

contains the seat and protects against seat bulge, premature wea

## Switching 3-way valves



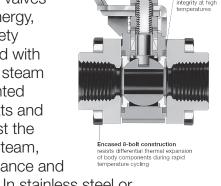
All stainless steel switching ball valves incorporate many of the features of the on/off (2-way) design. The one-piece center body uses no welding and allows 180° actuation. The switching design allows the user to:

- Divert flow from a common inlet to one of two outlets.
- Block flow from one inlet port and bleed out the opposite port

## **Special Application Valves:**

#### **Steam Service (S60P Series)**

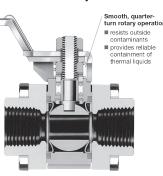
Steam service ball valves can reduce lost energy, downtime and safety hazards associated with leaving valves in a steam system. The patented designs of the seats and stem packing resist the erosive nature of steam, improving performance and



enhancing safety. In stainless steel or carbon steel materials.

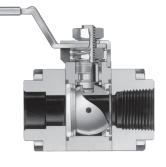
## **Thermal Service (T60M Series)**

The Swagelok thermal service ball valve, with its unique spring-like metal seat is designed to maintain a seal with a minimum seat load against the ball.



## Fire Series (A60T Series)

Fire series ball valves meet API Standar 607, 6th edition.



Chlorine Series
(C60V Series)

Carbo body veries

PTFE: packin dance quideli

Carbon Steel valve body with virgin PTFE seats and packing in accordance with the guidelines of the Chlorine Institute.

## **All Welded Valves (W60T Series)**



incorporate the proven
design features of the
2-way ball valve with all-welded
body construction and live loaded packing to
ensure a total system fluid containment

## Valves for Low Temperature Service (L60 Series)

Temperature rating:
-65° to 250°F (-53° to 121°C)
Available in on/off (2-way) and switching (3-way)
62, 63 and 65 series sizes in
stainless steel and in on/off (2-way)
62, 63 and 65 series sizes in brass.

## Rapid Cycle Service (R60T Series)

The ball valve with an O-ring stem seal may be more effective in applications requiring rapid cycling of a valve or when packing adjustments may be difficult.



## Options and Accessories:

#### **Valve Handle Options**

Lever handles with vinyl sleeves are standard, except for thermal service (T60M) valve handles which have no sleeves.

Also available are:

- Oval handles
- Locking brackets for lever and oval handles
- Oval latch lock handles
- Replacement vinly sleeves.

#### **Vented Valves**





**INTERNAL** 

Vent Passage

#### **EXTERNAL**

2 way ball valves are available with Internal or External vent. These vents are available for either upstream or downstream service.

## Low Dead Space Inserts

Reduces fluid entrapment around the ball, stem and seats. Not for use on steam, thermal or fire series valves.



#### **Panel Mount Kits**

