

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUNAVUT

NOVA SCOTIA
YUKON

PRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: Swagelok Company
 MANUFACTURERS ADDRESS: 29500 Solon Road, Solon, Ohio 44139-3492
 PLANT LOCATIONS: Headquarters: 29500 Solon Road, Solon, Ohio 44139-3492 (See Attachment A)

- CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY.
- A Pipe fittings (tube fittings), including couplings, tees, elbows, Y's, plugs, unions, pipe caps, or reducers
 - B Flanges: all flanges
 - C Valves: all line valves
 - D Expansion joints, flexible connections, and hose assemblies: all types
 - E Strainers, filters, separators, and steam traps
 - F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters
 - G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fuelible plugs
 - H Pressure retaining components that do not fall into one of the above categories
 - N Nuclear components: Class 1 Class 2 Class 3 . (Meeting AECB or ASME requirements)

THE TYPE OF MATERIAL OF CONSTRUCTION
ASME B31.1 and B31.3
 (Unlisted Components)
 where applicable

TYPE OF FABRICATION
 FORGED WELDED TIGHT
 CAST OTHER
 Describe OTHER _____

SHOW MANUFACTURER'S NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT

Swagelok

LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:
 BS EN ISO 9001:2008 Quality System Certificate, Support Documents, Catalogue Information, Attachment B.

DECLARATION:

I, David H. Peace (see note 3) employed by Swagelok Company and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by The British Standards Institution as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: [Signature]
 Declared before me at St. John's
 This 9th day of July AD 2010
 Commissioner of Oaths
 Or Notary Public: (sign) [Signature]
 (affix Official seal to the right)

USE THIS SPACE FOR THE
 OFFICIAL SEAL

This space for Regulatory Authority use
 This registration must be revalidated after ten (10) years from the date of acceptance.

ACCEPTED

PROVINCE OF PRINCE EDWARD ISLAND
ENVIRONMENT, LABOUR & JUSTICE

CRN: 0C15674.5
 PID#: 1214
 C.R.N. 0C15674.59
 DATE: Feb 13/15

Notes:
 1. All fittings shall be registered in the name of the Manufacturer.
 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.
 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.
 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.

INSPECTION SERVICES SECTION
BOILER/PRESSURE VESSEL BRANCH

Attachment A. Swagelok Manufacturing Locations

This document lists the Swagelok locations where end item or component level manufacturing activities take place.

Swagelok Company 29500 Solon Road Solon, Ohio 44139 USA	Swagelok Company (Falon 2) 348 Bishop Road Highland Heights, Ohio 44143 USA
Swagelok Company (Highland) 318 Bishop Road Highland Heights, Ohio 44143 USA	Swagelok Company (HPF) 6050 Cochran Road Solon, Ohio 44139 USA
Swagelok Company (OFC) 29495 F.A. Lennon Drive Solon, Ohio 44139 USA	Swagelok Company (Snow Metal) <i>new</i> 6060 Cochran Road Solon, Ohio 44139 USA <i>A399043</i> <i>C911995</i>
Swagelok Company (Atlantic) 26651 Curtiss Wright Parkway Willoughby Hills, Ohio 44092 USA	Swagelok Company A.G. (European Technology Center) St. GallerstraBe 84 Lachen, Switzerland 8853 Switzerland
Swagelok Company (Micro) 26653 Curtiss Wright Parkway Willoughby Hills, Ohio 44092 USA	Swagelok Company (Swagelok Limited) Tromode IM4 4RA United Kingdom
Swagelok Company (Falon 1) 348 Bishop Road Highland Heights, Ohio 44143 USA	

THIS IS PART OF
 CRN OC 15674-5
 Technical Standards & Safety Authority
 Bollore & Pressure Vessels
 Safety Program

Attachment B. Scope of Registration for Swagelok FKB Series Medium Pressure Ball Valves

This document represents the scope of Medium Pressure Ball Valves, FKB Series covered by this submission for CRN approval. These Medium Pressure Ball Valves, FKB Series have been evaluated in accordance with ASME B31.1 and B31.3 and B31.3 Chapter IX for unlisted components.

Summary Table

Product Description or Series	Material	Port Connections and Sizes	Maximum Allowable Working Pressure (psig)	Maximum Working Temperature (°F)	Design Code of Construction
6FKB (2-way and 3-way)	316 stainless S31600 / ASTM A479	¼, 3/8, and 1/2" Medium Pressure Tube Fitting ¼, 3/8, and 1/2" Female NPT	15 000	250	ASME B31.1, B31.3, (Unlisted Components)
8FKB (2-way and 3-way)	316 stainless S31600 / ASTM A479	1/2" Medium Pressure Tube Fitting 1/2" Female NPT	15 000	250	ASME B31.3, Chapter IX (Unlisted Components)
12FKB (2-way)	316 stainless S31600 / ASTM A479	1/2" Medium Pressure Tube Fitting	15 000	250	ASME B31.3, Chapter IX (Unlisted Components)

Product Illustration

design (patent-pending):

- maintains full pressure rating throughout the entire operating temperature range
- reduces seal wear that can lead to shell leakage.

Positionable handle with unique stop disk:

- provides flexibility in component layout, enabling reduced system footprint.

Trunnion-style ball with innovative direct-load design (patent-pending):

- seals consistently across a full range of pressures, even if system is depressurized and repressurized
- ensures reliable operation for improved actuation of control systems.

Bottom-loaded stem design:

- eliminates stem blowout and enhances operator safety.

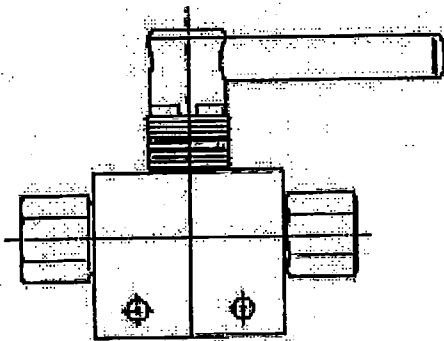
Swagelok® medium-pressure tube fitting end connections:

- reduce valve installation time and cost
- provide robust tube grip and vibration resistance.

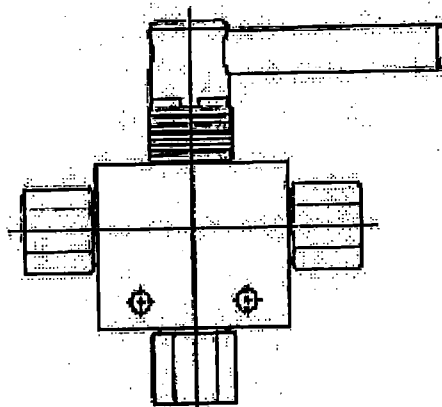
IS PART OF
 OC 156745
 Standards & Safety Authority
 Pressure Vessels
 from

Configurations

2-Way (On-Off) Valve

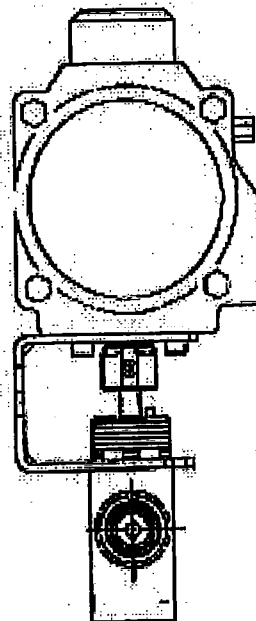
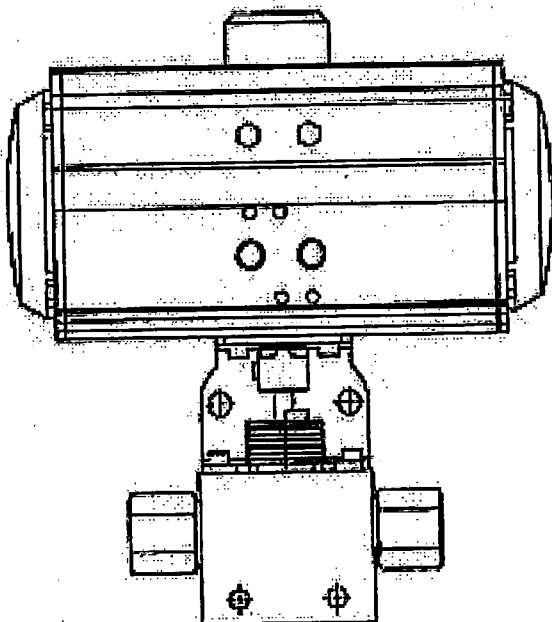


3-Way (Switching) Valve



THIS IS PART OF
COM 0015674-5
partly

Air Actuated



Product Options:

The product options listed below affect pressure and/or temperature ratings shown in the above Summary Table, but in all cases the ratings are less than those shown in the table.

- *O-Ring Material – CR510 20°F – 185°F*

All of the above options, those that affect pressure and/or temperature ratings and those that do not, are within the scope of this approval.

Quality System

The Swagelok Company quality system complies with the requirements of BS EN ISO 9001:2008. The Swagelok Company maintains British Standards Institution Certificate of Registration Number FM 01729, which applies to all locations listed on the Certificate. The FKB Series Medium Pressure Ball Valves are manufactured at a Swagelok Company location in Solon, Ohio.

References

The product catalog does not represent the full scope of the registration but rather details some of the most common options.

- Medium-Pressure Ball Valves, FKB Series Product Catalog MS-02-354-E

