

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: <u>Swagelok Company</u> | |
| MANUFACTURERS ADDRESS: <u>29500 Solon Road, Solon, Ohio 44139 USA</u> | |
| PLANT LOCATIONS: <u>Headquarters: 29500 Solon Road, Solon, Ohio 44139 USA (See Attachment A)</u> | |
| CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY | |
| A Pipe fittings, including couplings, tees, elbows, Ys, 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 fusible plugs H Pressure retaining components that do not fall into one of the above categories N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting AECB or ASME requirements) | TITLE OF THE STANDARD OF CONSTRUCTION <u>ASME B31.1 and ASME B31.3 (for unlisted components)</u> |
| SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT <h1>Swagelok</h1> | TYPE OF CONSTRUCTION FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input checked="" type="checkbox"/> CAST <input type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE OTHER: |
| LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: <u>ISO 9001:2015 Certificate, Attachment A, Attachment B, Catalog Information and other Support Documents</u> | |

DECLARATION:
 I, Joel Feldman, Vice President, Engineering 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 BSI 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: Joel C. Feldman

Declared before me at Solon, Ohio

This 09th day of August AD 2018

Commissioner of Oaths
or Notary Public: (sign)


Janice L. Ristaino
(Affix Official seal to the right)

USE THIS SPACE FOR THE OFFICIAL SEAL
 Janice L. Ristaino
 Resident Portage County
 Notary Public, State of Ohio
 Commission Expires 03/06/2019

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

CRN: 0C20863.5
 FID#: 1214

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.


 REGISTERED
 UNDER THE AUTHORITY OF
 THE BOILER AND PRESSURE
 VESSEL ACT.
 C.R.N. 0C20863.5
 SIGNED [Signature]
 DATE Jan 14 / 2019

9/63.00



Attachment B. Scope of Registration for Swagelok C and CA Series Check Valves (Category C)

Product Scope

This document represents the scope of Swagelok® C and CA Series Check Valves covered by this submission for CRN approval. These products were designed and evaluated in accordance with ASME B31.1 for unlisted components and ASME B31.3 for unlisted components.

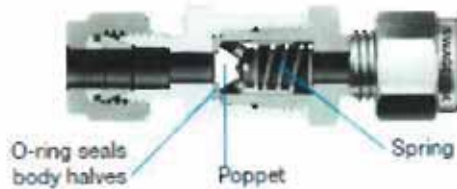
Summary Table

| Product Series | Main Pressure Bearing Component | Main Pressure Bearing Material (Standard) | Port Connections and Sizes | Maximum Allowable Working Pressure (psig) | | Design Code of Construction |
|----------------|---------------------------------|---|--|---|-------------------|---|
| | | | | @100°F | @Max. Temp | |
| 2C, 4C, 6C, 8C | Body | 316 SS (ASTM A479) | Swagelok Tube Fitting 1/8", 1/4", 3/8", 1/2", 6MM, 10MM, 12MM Female NPT 1/8", 1/4", 3/8", 1/2" Male NPT 1/8", 1/4", 3/8", 1/2" Male VCR Fitting 1/4", 1/2" | 3000 psig | 2185 psig @ 375°F | ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components) |
| 12C, 16C | Body | 316 SS (ASTM A479) | Swagelok Tube Fitting 3/4", 1" Female NPT 3/4", 1" Male NPT 3/4", 1" Male VCR Fitting 3/4", 1" | 2000 psig | 1450 psig @ 375°F | |
| 2C, 4C, 6C, 8C | Body | C36000 Brass (ASTM B16) | Swagelok Tube Fitting 1/8", 1/4" Female NPT 1/8", 1/4" Male NPT 1/8", 1/4", 3/8", 1/2" | 3000 psig | 2405 psig @ 250°F | |
| | | | Swagelok Tube Fitting 6MM | 3000 psig | 2298 psig @ 250°F | |
| | | | Swagelok Tube Fitting 3/8" | 2200 psig | 1584 psig @ 250°F | |
| | | | Swagelok Tube Fitting 1/2" | 2100 psig | 1512 psig @ 250°F | |
| | | | Swagelok Tube Fitting 10MM | 1886 psig | 1358 psig @ 250°F | |
| | | | Swagelok Tube Fitting 12MM | 2031 psig | 1462 psig @ 250°F | |
| | | | Female NPT 3/8" | 2600 psig | 2405 psig @ 250°F | |
| 12C, 16C | Body | C36000 Brass (ASTM B16) | Swagelok Tube Fitting 1" | 1500 psig | 1080 psig @ 250°F | |
| | | | Swagelok Tube Fitting 3/4" Female NPT 3/4", 1" Male NPT 3/4", 1" | 1500 psig | 1200 psig @ 250°F | |
| 4CA | Body | 316 SS (ASTM A479) | Swagelok Tube Fitting 1/4", 6MM, 8MM Male NPT 1/4" Male VCR Fitting 1/4", | 3000 psig | 2185 psig @ 375°F | ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components) |
| 4CA | Body | C36000 Brass (ASTM B16) | Swagelok Tube Fitting 1/4" Male NPT 1/4", | 3000 psig | 2405 psig @ 250°F | |
| | | | Swagelok Tube Fitting 6MM | 3000 psig | 2298 psig @ 250°F | |
| | | | Swagelok Tube Fitting 8MM | 2322 psig | 1671 psig @ 250°F | |

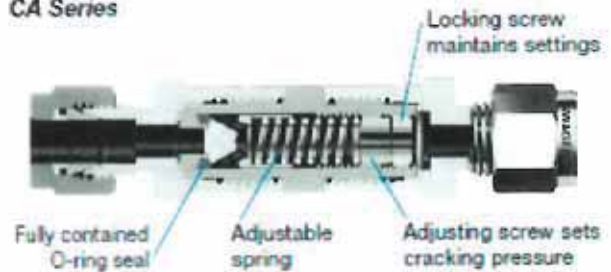
THIS IS PART OF
 CRN # 0C20863
 Safety Authority
 Pressure Vessels
 Program

Product Illustration

C Series



CA Series



Typical Product Characteristics:

Additional options that do not affect pressure-temperature ratings may be made available within the scope of this registration. Examples of these would include, but not be limited to, poppet springs, lubricants, and body seal materials.

Quality System

The Swagelok Company quality system complies with the requirements of ISO 9001:2015. The Swagelok Company maintains BSI Certificate of Registration Number FM 01729, which applies to all locations listed on the Certificate.

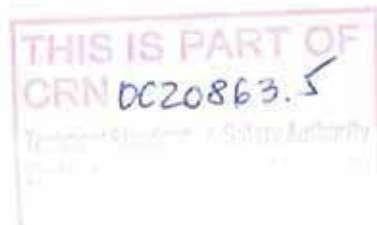
Special Ordering Instructions

None

References

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

- Check Valves MS-01-176, R11



Attachment A. Swagelok Manufacturing Locations

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

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|---|--|
| Swagelok Company 29500 Solon Road Solon, Ohio 44139 USA | Swagelok Company (Falon 1) 348 Bishop Road Highland Heights, Ohio 44143 USA |
| Swagelok Company (Highland) 318 Bishop Road Highland Heights, Ohio 44143 USA | Swagelok Company (Falon 2) 358 Bishop Road Highland Heights, Ohio 44143 USA |
| Swagelok Company (OFC) 29495 F.A. Lennon Drive Solon, Ohio 44139 USA | Swagelok Company (HPF) 6050 Cochran Road Solon, Ohio 44139 USA |
| Swagelok Company (Atlantic) 26651 Curtiss Wright Parkway Willoughby Hills, Ohio 44092 USA | Swagelok Company (Snow Metal) 6060 Cochran Road Solon, Ohio 44139 USA |
| Swagelok Company (Micro) 26653 Curtiss Wright Parkway Willoughby Hills, Ohio 44092 USA | Swagelok Company (Alfred) 29500 Ambina Drive Solon, Ohio 44139 |
| Swagelok Hose Services Company (SHSC) 29900 Solon Industrial Parkway Solon, Ohio 44139 | Swagelok Company (Strongsville) 15400 Foltz Road Strongsville, Ohio 44119 |
| Swagelok (China) Fluid System Technologies Ltd. Changshu Export Process Zone Changshu Economic Development Zone Changshu, Jiangshu 215513 China | Swagelok Company A.G. (European Technology Center) St. GallerstraBe 84 Lachen, Switzerland 8853 Switzerland |
| Swagelok Limited Ballafletcher Road Tromode IM4 4RA Isle of Man | |

