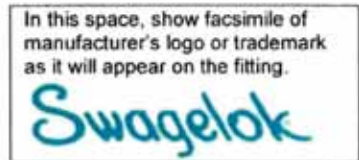


STATUTORY DECLARATION Registration of Fittings

I, Joel Feldman, Vice President, Engineering of Swagelok Company



located at 29500 Solon Road, Solon, Ohio 44139 USA

do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act (check one)

- comply with the requirements of ASME B31.1 and ASME B31.3 which specifies the dimensions, materials of construction, pressure/temperature ratings and identification marking of the fittings, or are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with...

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified by the following authority, BSI as being suitable for the manufacture of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are Category C Type Fittings

In support of this application, the following information, calculations and/or test data are attached:

ISO 9001:2015 Certificate, Attachment A, Attachment B, Catalog Information and other Support Documents

DECLARED before me at Solon in the state of Ohio this 18th day of March, 2020. Brenda Hammel (a Commissioner of Oaths or Notary Public) [Signature]

For ABSA Office Use Only:

NOTES: Bellows-Sealed Valves - H and HK Series

To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and Regulations in Alberta Standard B51, Clause 4.2, and is accepted for registration in Category

Registration Number: [Blank] (Signature of the Applicant)

Date Registered: [Blank] Expiry Date: [Blank]

The information you provide is necessary only for the administration of the programs as required by the Alberta Safety Codes Act and Regulations in the Pressure Equipment Discipline.

2020-02047 ABSA ACCEPTED: 0C22395.52 See acceptance letter for conditions of registration. Date: 2020-05-10 By: Ashling Dick, P. Eng.

This stamp and signature have been affixed electronically to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance with the Electronic Transactions Act.

May 10, 2020

Attention: Tanya Francis
TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO, ON M9W 6N9

The design submission, tracking number 2020-02047, originally received on April 09, 2020 was surveyed and accepted for registration as follows:

CRN : 0C22395.52 **Accepted on:** May 10, 2020
Reg Type: NEW DESIGN **Expiry Date:** May 06, 2030
Drawing No. : ATTACHMENT B: SCOPE OF REGISTRATION
Fitting type: BELLOWS-SEALED VALVES - H & HK SERIES
Design registered in the name of : SWAGELOK COMPANY

The registration is conditional on your compliance with the following notes:

*** See Attachment A for a list of Swagelok Manufacturing Locations*

As indicated on AB-41 Statutory Declaration form and submitted documentation, the code of construction are ASME B31.1 and ASME B31.3.

- It is our understanding that the fitting(s), included as the scope of this submission, that is(are) subject to the Safety Codes Act shall comply with the requirements of the indicated Standard or Code of Construction on the AB-41 Statutory Declaration as supported by the attached data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the identification marking of the fittings.*
- This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration form.*
- This registration is valid only until the indicated expiry date and only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date.*
- Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.*

An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

If you have any question don't hesitate to contact me by phone at (780) 433-0281 ext 3337 or fax (780) 437-7787 or e-mail Dick@absa.ca.

Sincerely,



DICK, ASHLING, P. Eng.
DOP Cert. No. D00007936

Attachment B: Scope of Registration for Swagelok H and HK Series Bellows Valves (Category C)

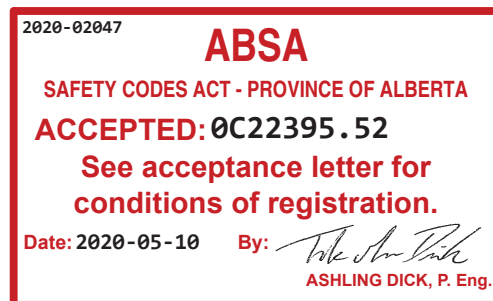
This document represents the scope of the Swagelok H and HK Series Bellows Valves covered by this submission for CRN approval. These H and HK Series Bellows Valves have been evaluated in accordance with ASME B31.1 and B31.3 for unlisted components.

Summary Table

Product Series	Main Pressure Bearing Component	Main Pressure Bearing Material	Port Connections and Sizes	Maximum Rated Pressure		Design Code of Construction
				At ambient temperature	At maximum temperature	
2H (1/8")	Body, Bonnet	316 SS (ASTM A479)	Swagelok tube fitting 1/8" Female NPT 1/8" Male NPT 1/8" Female VCR fitting 1/8" Tube socket weld 1/8", 1/4" Tube butt weld 1/8", 1/4"	1000 psig @ -80 to 100° F	1000 psig @ 600°F	ASME B31.1 & ASME B31.3 (Unlisted Components)
4H (1/4")	Body, Bonnet		Swagelok tube fitting 1/4" Female NPT 1/4" Male NPT 1/4" Integral male VCR fitting 1/4" Female VCR fitting 1/4" VCO gland 1/4" Tube socket weld 1/4", 3/8" Tube butt weld 1/4", 3/8"			
6H-MM (6mm)	Body, Bonnet		Swagelok tube fitting 6mm			
2HK*, 2HG* (1/8")	Body, Stem Adapter	Body: Brass C36000 (ASTM B16)	Swagelok tube fitting 1/8" Female NPT 1/8" Male NPT 1/8"	1000 psig @ -20 to 100° F	500 psig @ 200°F 150 psi @ 400°F for HG	ASME B31.1 & ASME B31.3 (Unlisted Components)
4HK*, 4HG* (1/4")	Body, Stem Adapter	Stem Adapter: H04 Phosphor	Swagelok tube fitting 1/4" Female NPT 1/4" Male NPT 1/4"			
6HK-MM*, 6HG-MM* (6mm)	Body, Stem Adapter	Bronze C51000 (ASTM B139)	6mm Swagelok tube fitting			

* Includes Valves with 1 Series Air Actuators

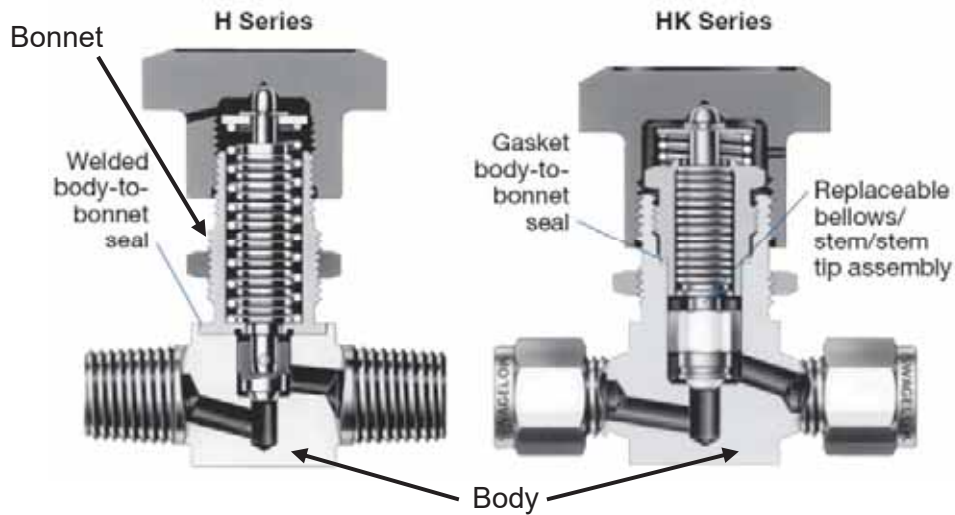
Note: HG series valves are the HK series valve but with a copper stem tip and a copper gasket for body-to-bonnet seal.



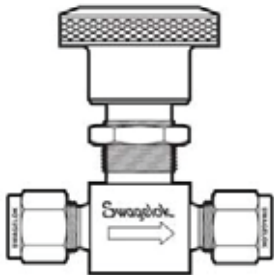
This stamp and signature have been affixed electronically to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance with the Electronic Transactions Act.

Product Illustration

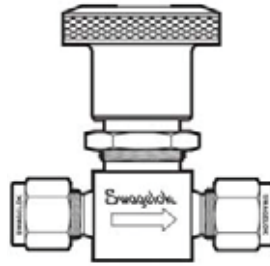
All H and HK Series Bellows Valves have the same features as shown below.



Configurations

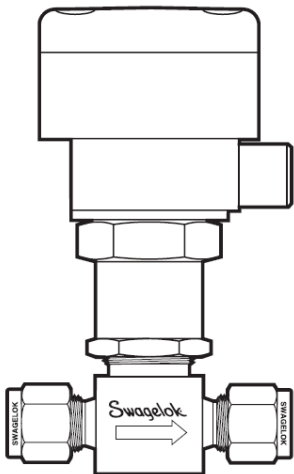


Hand Operated H Series

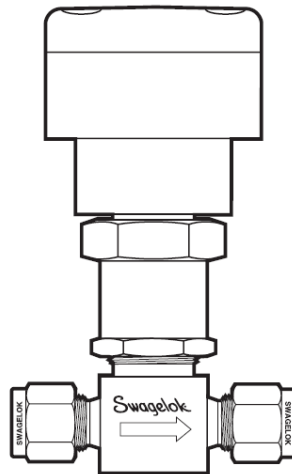


Hand Operated HK, HG Series

1 Series Air Actuator (Offered on HK Series Bellows Valve Only)



HK with Normally Closed Air Op



HK with Normally Open Air Op



Product Options:

Additional options that do not affect pressure and/or temperature ratings may be made available within the scope of this approval. Examples of these would include the following:

- H Series Cobalt-Based Stem Tip.
- Swagelok Special Cleaning and Packaging (SC-11).
- 1 Series air actuator on HK Series Bellows Valve.

Quality System

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

References

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

- H and HK Series Bellows Valve Product Catalog MS-01-36, R13

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 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 Limited Ballafletcher Road Tromode IM4 4RA Isle of Man