

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 USA	
Plant Locations: Headquarters: 28800 Solon Road, Solon, Ohio 44139 USA (See Attachment A)	
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 ☐ Class 2 ☐ Class 3 ☐ (Meeting CNSC or ASME requirements)	Title of the Standard of Construction ASME B31.3 Chapter IX for unlisted components where applicable
Show Manufacturers Name, Trademark, or Logo as it will appear on the product Swagelok	Type of Construction Forged ☐ Welded ☐ Wrought ☐ Cast ☐ Other ☐ Describe other: Assembled valves
List of supporting documentation and identification of the actual items to be registered: ISO 9001:2015 Certificate, Code of Compliance documents, catalog information and other support documents.	

Declaration:

I, James Nordick (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 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: [Signature]

Declared before me at Solon State of Ohio

This 25 day of February AD 2020

Commissioner of Oaths

Or Notary Public: (sign) _____



MATTHEW CHAN
Notary Public
State of Ohio
My Comm. Expires
January 19, 2031

(Affix Official seal to the right)

This space for Regulatory Authority use. This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: <u>0C18171.5 Rev.1</u> FID#: _____ Notes: - All Fittings shall be registered in the name of the Manufacturer. - Each Category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. - The Declaration shall be made by the person having full authority and responsibility for the quality of the end product. - Quality Control programs shall be resubmitted for validation. Scope: CRN renewal. IPT valves include Check Valves (CV series), Block and Bleed Valves, Needle Valves (NVT series). Submittal CRN-IPT-CV/DB/NVT-VALVE-001 Date: February 28, 2026; Attachment B1 - Scope of Registration: CRN Compliance Summary (Feb. 16, 2026); Bulletin MS-02-472, RevAC. Various plant locations per BSI cert: FM 01729 expires April 25th, 2027. (DGallant)	ACCEPTED PROVINCE OF PRINCE EDWARD ISLAND C.R.N.: <u>0C18171.59 Rev.1</u> DATE: <u>May 8 2020</u> SIGNED: <u>[Signature]</u> INSPECTION SERVICES SECTION BOILER/PRESSURE VESSEL BRANCH Sect 1.0 - Fittings Rev.2

Newfoundland and Labrador

This space for Regulatory Authority use.

This registration must be revalidated after ten (10) years from the date of registration.

CRN: 0C18171.5 Rev.1

FID#: _____

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.

Scope: CRN renewal, IPT valves include Check Valves (CV series), Block and Bleed Valves, Needle Valves (NVT series). Submittal CRN-IPT-CV/DB/NVT-VALVE-001 Date: February 28, 2028; Attachment B1 - Scope of Registration; CRN Compliance Summary (Feb.16, 2028); Bulletin MS-02-472, RevAC. Various plant locations per BSI cert: FM 01729 expires April 25th, 2027. (DGallant)

NOVA SCOTIA
Date May 8/26
C.R.N. 0C18171.58 Rev.1
Dwg. as described
Signed [Signature]
1 of 1
Part
Boiler & Pressure Vessel
ACT & REGULATION
Book 170 - Fittings Rev.2

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 USA	
Plant Locations: Headquarters: 29500 Solon Road, Solon, Ohio 44139 USA (See Attachment A)	
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 ☐ Class 2 ☐ Class 3 ☐ , (Meeting CNSC or ASME requirements)	Title of the Standard of Construction ASME B31.3 Chapter IX for unlisted components where applicable
Show Manufacturers Name, Trademark, or Logo as it will appear on the product Swagelok	Type of Construction Forged ☐ Welded ☐ Wrought ☐ Cast ☐ Other ☐ Describe other: Assembled valves
List of supporting documentation and identification of the actual items to be registered: ISO 9001:2015 Certificate, Code of Compliance documents, catalog information and other support documents.	

Declaration:

I, James Nordholt (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 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: [Signature]

Declared before me at Solon State of Ohio

This 25 day of February AD 2024

Commissioner of Oaths

Or Notary Public: (sign) _____

(Affix Official seal to the right)



MATTHEW CHAN
Notary Public
State of Ohio
My Comm. Expires
January 19, 2031

DEPT OF JUSTICE PUBLIC SAFETY
BOILER & PRESSURE VESSEL ACT

REGISTRATION ONLY

CRN 0C18171.57 Rev1

[Signature]
CHIEF BOILER INSPECTOR

DATE 5/8/26

☐ BLRs
☒ FITTINGS

☐ PVs
☐ NUCLEAR COMPONENTS

CRN: 0C18171.5 Rev.1

FID#: _____

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.
- Scope: CRN renewal. IPT valves include Check Valves (CV series), Block and Bleed Valves, Needle Valves (NVT series). Submittal CRN-IPT-CV/DB/NVT-VALVE-001 Date: February 26, 2026; Attachment B1 -Scope of Registration; CRN Compliance Summary (Feb.16, 2026); Bulletin MS-02-472, RevAC. Various plant locations per BSI cert: FM 01729 expires April 25th, 2027. (DGallant)

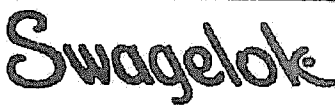
UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

New Brunswick
Nunavut

Nova Scotia
Yukon

Prince Edward Island
Northwest Territories

Newfoundland and Labrador

Manufacturers Name: <u>Swagelok Company</u>	
Manufacturers Address: <u>28800 Solon Road, Solon, Ohio 44139 USA</u>	
Plant Locations: <u>Headquarters: 28800 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 I Nuclear components: Class 1 ☐ Class 2 ☐ Class 3 ☐ (Meeting CNB or ASME requirements)	Title of the Standard of Construction ASME B31.3 Chapter IX for unlisted components where applicable
Show Manufacturers Name, Trademark, or Logo as it will appear on the product 	Type of Construction Forged ☐ Welded ☐ Wrought ☐ Cast ☐ Other ☐ Describe other: Assembled valves
List of supporting documentation and identification of the actual items to be registered: ISO 9001:2015 Certificate, Code of Compliance documents, catalog information and other support documents.	

Declaration:

I, James Neelock (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 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 us 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 Solon State of Ohio
 This 25 day of February AD 2026
 Commissioner of Oaths
 Or Notary Public: (sign) _____



MATTHEW CHAN
Notary Public
State of Ohio
My Comm. Expires
January 19, 2031

(Affix Official seal to the right)

This space for Regulatory Authority use. This registration must be revalidated after ten (10) years from the date of acceptance. CRN: <u>OC18171.5 Rev.1</u> FID#: _____ 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. Scope: CRN renewal. IPT valves include Check Valves (CV series), Block and Bleed Valves, Needle Valves (NVT series), Submittal CRN-IPT-CV/DB/NVT-VALVE-001 Date: February 26, 2026; Attachment B1 - Scope of Registration; CRN Compliance Summary (Feb.16, 2026); Bulletin MS-02-472, RevAC. Various plant locations per BSI cert: FM 01729 expires April 25th, 2027. (DGallant)		Registered <u>OC18171.50</u> Date <u>May 11, 2026</u> Engineering and Inspection Services Registered by <u>[Signature]</u> UNDER THE AUTHORITY OF THE PUBLIC SAFETY ACT AND THE BOILER, PRESSURE VESSEL AND COMPRESSED GAS REGULATIONS Sect 1.0 - Fittings Rev.2
--	--	--

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

New Brunswick
Nunavut

Nova Scotia
Yukon

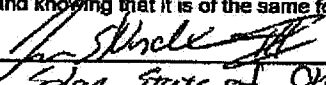
Prince Edward Island
Northwest Territories

Newfoundland and Labrador

Manufacturers Name: Swagelok Company	
Manufacturers Address: 29500 Solon Road, Solon, Ohio 44139 USA	
Plant Locations: Headquarters: 29500 Solon Road, Solon, Ohio 44139 USA (See Attachment A)	
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 ☐ Class 2 ☐ Class 3 ☐ (Meeting CNSC or ASME requirements)	Title of the Standard of Construction ASME B31.3 Chapter IX for unlisted components where applicable
Show Manufacturers Name, Trademark, or Logo as it will appear on the product 	Type of Construction Forged ☐ Welded ☐ Wrought ☐ Cast ☐ Other ☐ Describe other: Assembled valves
List of supporting documentation and identification of the actual items to be registered: ISO 9001:2015 Certificate, Code of Compliance documents, catalog information and other support documents.	

Declaration:

I, James Northall (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 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: 

Declared before me at Solon State of Ohio

This 25 day of February AD 2024

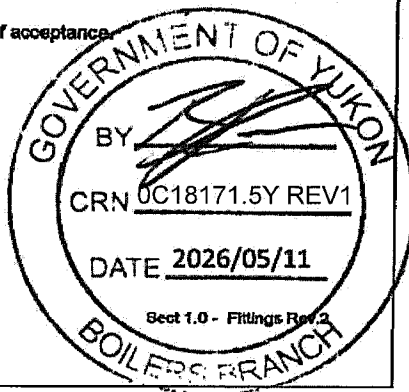
Commissioner of Oaths

Or Notary Public: (sign) _____

(Affix Official seal to the right)



MATTHEW CHAN
Notary Public
State of Ohio
My Comm. Expires
January 19, 2031

This space for Regulatory Authority use. This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: <u>0C18171.5 Rev.1</u> FID#: _____ 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. Scope: CRN renewal. IPT valves include Check Valves (CV series), Block and Bleed Valves, Needle Valves (NVT series). Submittal CRN-IPT-CV/DB/NVT-VALVE-001 Date: February 26, 2026; Attachment B1 - Scope of Registration; CRN Compliance Summary (Feb. 16, 2026); Bulletin MS-02-472, RevAC. Various plant locations per BSI cert: FM 01729 expires April 25th, 2027. (DGallant)	

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 USA	
Plant Locations: Headquarters: 29500 Solon Road, Solon, Ohio 44139 USA (See Attachment A)	
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 ☐ Class 2 ☐ Class 3 ☐ , (Meeting CNSC or ASME requirements)	Title of the Standard of Construction ASME B31.3 Chapter IX for unlisted components where applicable
Show Manufacturers Name, Trademark, or Logo as it will appear on the product Swagelok	Type of Construction Forged ☐ Welded ☐ Wrought ☐ Cast ☐ Other ☐ Describe other: Assembled valves
List of supporting documentation and identification of the actual items to be registered: ISO 9001:2015 Certificate, Code of Compliance documents, catalog information and other support documents.	

Declaration:

I, James Nordholt (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 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: [Signature]

Declared before me at Solon State of Ohio

This 25 day of February AD 2024

Commissioner of Oaths

Or Notary Public: (sign) _____

(Affix Official seal to the right)



MATTHEW CHAN
Notary Public
State of Ohio
My Comm. Expires
January 19, 2031

This space for Regulatory Authority use. This registration must be revalidated after ten (10) years from the date of acceptance. CRN: <u>0C18171.5 Rev.1</u> FID#: _____ Notes: - All Fittings shall be registered in the name of the Manufacturer. - Each Category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. - The Declaration shall be made by the person having full authority and responsibility for the quality of the end product. - Quality Control programs shall be resubmitted for validation. Scope: CRN renewal. IPT valves include Check Valves (CV series), Block and Bleed Valves, Needle Valves (NVT series). Submittal CRN-IPT-CV/DB/NVT-VALVE-001 Date: February 26, 2026; Attachment B1 -Scope of Registration; CRN Compliance Summary (Feb.16, 2026); Bulletin MS-02-472, RevAC. Various plant locations per BSI cert: FM 01729 expires April 25th, 2027. (DGallant)	 REGISTERED UNDER THE AUTHORITY OF THE BOILER AND PRESSURE VESSEL ACT. C.R.N. <u>0C18171.5 TR Rev 1</u> SIGNED <u>Matthias Mailman</u> DATE <u>5/8/26</u> Sect 1.0 - Fittings Rev.2
---	--

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 USA	
Plant Locations: Headquarters: 29500 Solon Road, Solon, Ohio 44139 USA (See Attachment A)	
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 ☐ Class 2 ☐ Class 3 ☐ (Meeting CNSC or ASME requirements)	Title of the Standard of Construction ASME B31.3 Chapter IX for unlisted components where applicable
Show Manufacturers Name, Trademark, or Logo as it will appear on the product Swagelok	Type of Construction Forged ☐ Welded ☐ Wrought ☐ Cast ☐ Other ☐ Describe other: Assembled valves
List of supporting documentation and identification of the actual items to be registered: ISO 9001:2015 Certificate, Code of Compliance documents, catalog information and other support documents.	

Declaration:

I, James Northolt (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 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 SSI 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 Solon State of Ohio
 This 25 day of February AD 2024
 Commissioner of Oaths
 Or Notary Public: (sign) _____



MATTHEW CHAN
Notary Public
State of Ohio
My Comm. Expires
January 19, 2031

(Affix Official seal to the right)

CRN: <u>0C18171.5 Rev.1</u> FID#: _____ Notes: - All Fittings shall be registered in the name of the Manufacturer. - Each Category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. - The Declaration shall be made by the person having full authority and responsibility for the quality of the end product. - Quality Control programs shall be resubmitted for validation. Scope: CRN renewal. IPT valves include Check Valves (CV series), Block and Bleed Valves, Needle Valves (NVT series). Submittal CRN-IPT-CV/DB/NVT-VALVE-001 Date: February 26, 2026; Attachment B1 - Scope of Registration; CRN Compliance Summary (Feb. 16, 2026); Bulletin MS-02-472, RevAC. Various plant locations per BSI cert: FM 01729 expires April 25th, 2027. (DGallant)	This space for Regulatory Authority use. This registration must be revalidated after ten (10) years from the date of acceptance. NUNAVUT Boilers and Pressure Vessels Act REGISTERED CRN <u>0C18171.5N Rev.1</u> Date <u>05/11/2026</u> Signed <u>[Signature]</u> Chief Inspector Sect 1.0 - Fittings Rev.2 Territorial Registration Fee
--	--



Attachment B1: Scope for Swagelok IPT CV Series Check Valves (Category C)

This document represents the scope of the Swagelok IPT CV Series Check Valve covered by this submission for CRN approval. The Swagelok IPT CV Series Check Valves were designed and evaluated in accordance with ASME B31.3-2024 Chapter IX, for unlisted components.

Summary Table

Product Series	Main Pressure Bearing Component	Main Pressure Bearing Material (Standard)	Port Connections and Sizes	Maximum Rated Pressure (psig)		Design Code of Construction
				At ambient temperature*	At max temperature	
CV	Body	316 SS (ASTM A479)	Female NPT 1/4", 3/8", 1/2", 3/4", 1"	15,000	13,950 @ 650°F	ASME B31.3 Chapter IX (For Unlisted Components)
CV	Body	316 SS (ASTM A479)	Cone-and-Thread Medium Pressure 1/4", 3/8", 9/16", 3/4", 1"	20,000	18,600 @ 650°F	
CV	Body	316 SS (ASTM A479)	Medium Pressure Tube Fitting FK 1/4", 3/8", 1/2", 9/16", 3/4", 1"	20,000	18,600 @ 500°F	

* The lowest temperature rating for the Swagelok IPT CV Series Check Valve is -60°F.

Product Illustration





Product Options:

Some product options could affect the pressure-temperature ratings shown in the Summary Table, but in all cases the ratings are less than or equal to those shown in the Summary Table. An example of this would be optional seal materials in the soft seat or dual seat configurations.

Additional options that do not affect pressure-temperature ratings may be made available within the scope of this registration. An example of this would be alternate poppet springs (for alternate cracking pressures).

Quality System

The Swagelok Company quality system complies with the requirements of BS EN ISO 9001:2015. The 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 registration but rather details some of the most common options.

- Medium and High Pressure Valves, Fittings and Tubing Catalog MS-02-472



Attachment B1: Scope for Swagelok IPT Series Block & Bleed Valves (Category C)

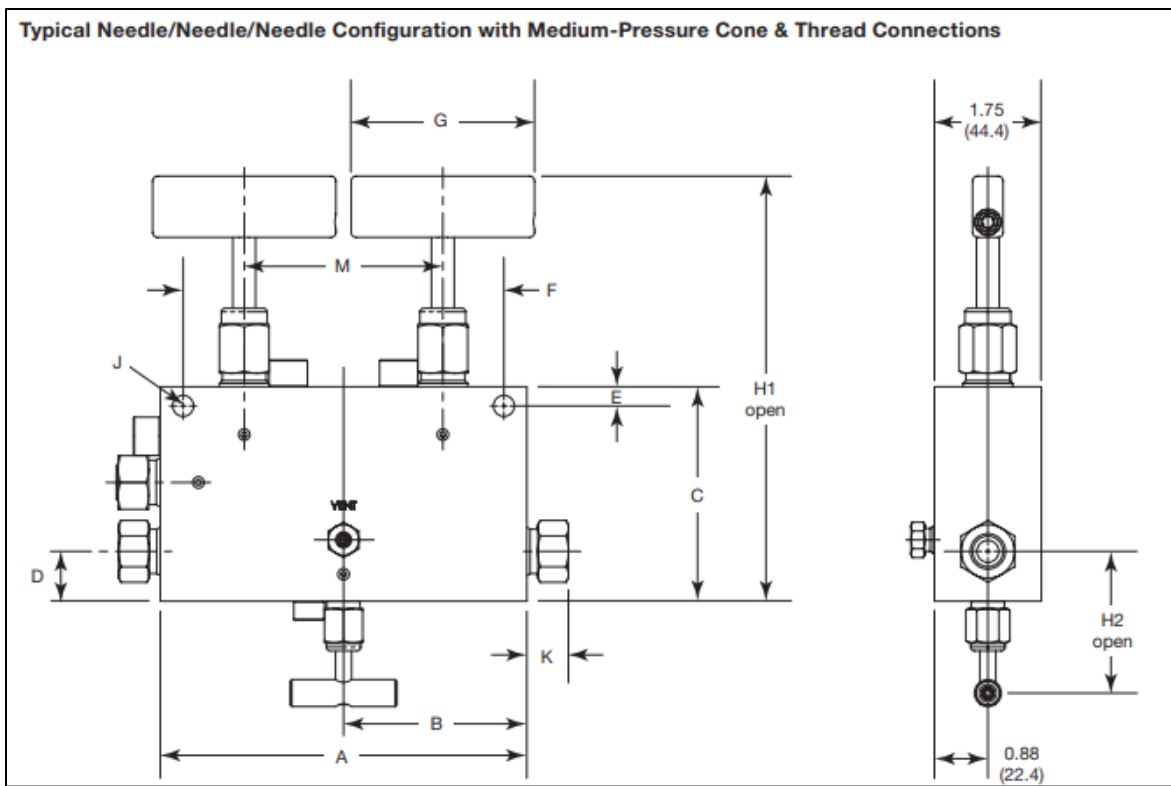
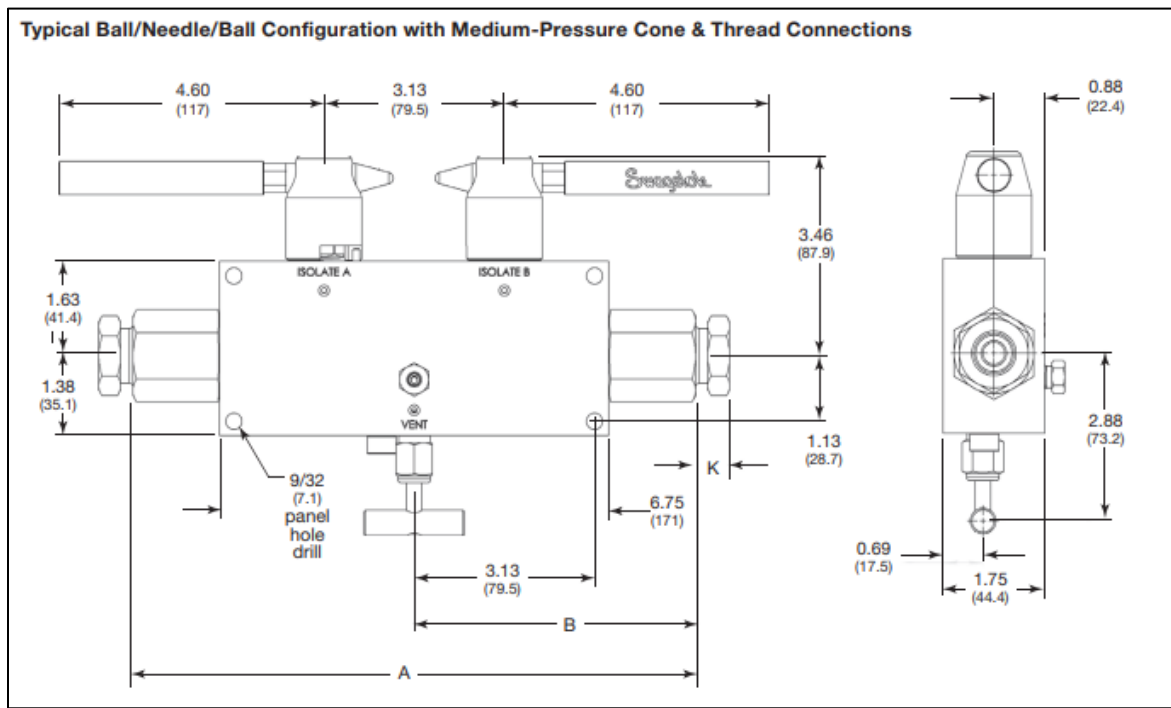
This document represents the scope of the Swagelok IPT Series Block and Bleed Valves covered by this submission for CRN approval. The Swagelok IPT Series Block and Bleed Valves were designed and evaluated in accordance with ASME B31.3-2024 Chapter IX, for unlisted components.

Summary Table

Product Series	Main Pressure Bearing Component	Main Pressure Bearing Material (Standard)	Port Connections	Maximum Rated Pressure (psig)		Design Code of Construction
				At ambient temperature*	At max temperature	
DB ball/needle/ball	Body	316 SS (ASTM A479)	Cone-and-Thread Medium Pressure Cone-and-Thread High Pressure Medium Pressure Tube Fitting FK Female NPT	15,000	14,700 @ 250°F	ASME B31.3 Chapter IX (For Unlisted Components)
DB needle/needle/needle SB needle/needle	Body	316 SS (ASTM A479)	Cone-and-Thread Medium Pressure Cone-and-Thread High Pressure Medium Pressure Tube Fitting FK Female NPT	20,000	19,600 @ 250°F	

* The lowest temperature rating of the Swagelok IPT Series Block & Bleed Valves is -40°F.

Product Illustration





Product Options:

Some product options could affect the pressure-temperature ratings shown in the Summary Table, but in all cases the ratings are less than or equal to those shown in the Summary Table. All the following options are within the scope of this registration:

HNBR O-Ring (Ball Valve Stem Seal)
Perfluorocarbon O-Ring (Ball Valve Stem Seal)

Additional options that do not affect pressure-temperature ratings may be made available within the scope of this registration. Examples of these would include:

Vee or Regulating Stem Type
Nitronic 50 Needle Valve Stem Material
Alloy 625 Ball Valve Stem Material
Handle Locking Device

Quality System

The Swagelok Company quality system complies with the requirements of BS EN ISO 9001:2015. The 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 registration but rather details some of the most common options.

- Medium and High Pressure Valves, Fittings and Tubing Catalog MS-02-472

Attachment B1: Scope for Swagelok IPT NVT Series Needle Valves (Category C)

This document represents the scope of the Swagelok IPT NVT Series Needle Valves covered by this submission for CRN approval. The Swagelok IPT NVT Series Needle Valves were designed and evaluated in accordance with ASME B31.3-2024 Chapter IX, for unlisted components.

Summary Table

Product Series	Main Pressure Bearing Component	Main Pressure Bearing Material (Standard)	Port Connections and Sizes	Maximum Rated Pressure (psig)		Design Code of Construction
				At ambient temperature*	At max temperature	
NVT	Body	316 SS (ASTM A479)	Female NPT 1/4", 3/8", 1/2"	15,000	13,950 @ 650°F	ASME B31.3 Chapter IX (For Unlisted Components)
NVT	Body	316 SS (ASTM A479)	Cone-and-Thread Medium Pressure 1/4", 3/8", 9/16"	20,000	18,600 @ 650°F	
NVT	Body	316 SS (ASTM A479)	Cone-and-Thread High Pressure 1/4", 3/8", 9/16"	30,000	30,000 @ 250°F	
NVT	Body	316 SS (ASTM A479)	Medium Pressure Tube Fitting FK 1/4", 3/8", 1/2", 9/16"	20,000	18,600 @ 650°F	

* The lowest temperature rating of the Swagelok IPT NVT Series Needle Valve is -40°F.

Product Illustration





Product Options:

Some product options could affect the pressure-temperature ratings shown in the Summary Table, but in all cases the ratings are less than or equal to those shown in the Summary Table. All the following options are within the scope of this registration:

Grafoil Stem Packing
Nitronic 50 Stem Material
Hydrogen Compatible ("H2") option

Additional options that do not affect pressure-temperature ratings may be made available within the scope of this registration. Examples of these would include:

Bonnet Locking Bracket
Panel Mounting

Body Configurations

Valves are available in a variety of configurations that do not affect pressure-temperature ratings and are within the scope of this registration. Examples of these would include:

2-Way Straight
2-Way Angle
3-Way with 2 Inlets
2 Stem Manifold

Quality System

The Swagelok Company quality system complies with the requirements of BS EN ISO 9001:2015. The 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 registration but rather details some of the most common options.

- Medium and High Pressure Valves, Fittings and Tubing Catalog MS-02-472