UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK NUNAVUT NOVA SCOTIA YUKON PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

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Attachment B. Scope of Registration for Swagelok VB03 and VB04 Series Process Interface Valves (Category C)

Product Scope

This document represents the scope of Swagelok VB03 and VB04 Series Process Interface Valves covered by this submission for CRN approval. Swagelok VB03 and VB04 Series Process Interface Valves were designed and evaluated in accordance with ASME B31.1 and ASME B31.3 as unlisted components.

Summary Tables

	Table 1: VB03 Scope									
Body Material/ Specification	Configuration	ASME Class	Flange Size	Bore Size	Minimum Temperature	Maximum Allowable Working Pressure (psig)				
		Oldos			remperature	At 70°F	At 400°F			
F316/F316L ASTM A182	Ball/Needle/Ball (Block/Bleed/Block): Full Bore Reduced Bore	150 300 600 900	1 in. (DN 25) 1-1/2 in. (DN 40) 2 in. (DN 50)	1 in. (DN 25) 1-1/2 in. (DN 40)	-58°F	2160	1540			

1) All seat and seal combinations

2) All flange types: RF smooth, RF serrated, and RTJ

3) Outlet connection = same as process

4) Bleed connection: 1/2 in. female NPT

	Table 2: VB04 Scope									
Body Material/ Specification	Configuration	ASME Class	Process Connection Size	Process Connection	Outlet Connection	Minimum Temperature	Maximum Allowable Working Pressure (psig) At 70°F 400°F			
F316/F316L ASTM A182	Ball/Needle/Ball (Block/Bleed/Block):	150	1/2 in. (DN 15)	Flange – RF Smooth	1/2 in. female NPT Flange	-58°F	3600	2570		
	3/8 in. (9.5 mm) bore	300 / 600	3/4 in. (DN 20) 1 in. (DN 25)	Flange – RF Serrated						
	1/2 in. (14 mm) bore	900 /	1-1/2 in. (DN 40)	Flange – RTJ						
	3/4 in. (20 mm) bore	1500	2 in. (DN 50)	NPT Female (1/2 DN 15 only)						

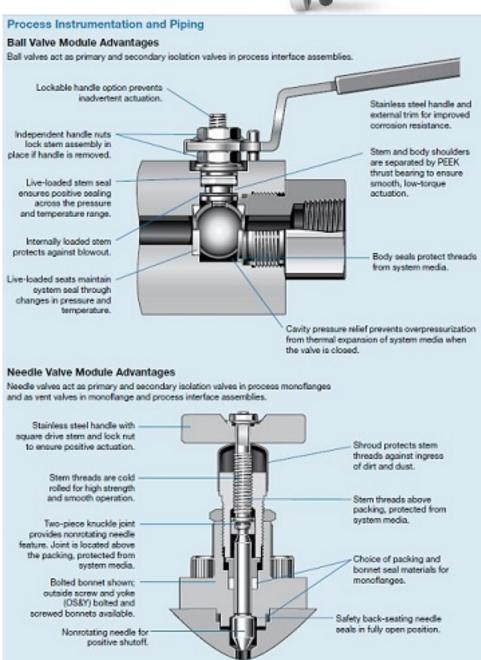
1) All seat and seal combinations

2) Bleed connection: 1/2 in. female NPT

Product Drawings/Configurations

Process Interface Valves





Page 2 of 3

Typical Product Characteristics:

The list below are examples of product options which do not affect the pressure-temperature ratings shown in the Summary Table. All of the following options are within the scope of this registration:

- Lockable Lever Handles (for block valves)
- Non-lockable Lever Handles (for block valves)
- Antitamper bleed valve
- Bar handle (for bleed valve)
- Injection and Sampling probes
- Integral Check valves
- Sour gas service

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.

Special Ordering Instructions

None

References

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

Swagelok Process Interface Valves MS-02-340, R9