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316L Stainless Steel High Purity Bellows Sealed Valve, 1/4 in. Female Swagelok VCR Metal Gasket Face Seal Fitting, NO Actuator

Part #: SS-BNV51-O

Specifications

Actuator Operation Mode	Normally Open Spring Return
Actuator Type	Pneumatic
Bellows Material	321 Stainless Steel
Body Material	316L Stainless Steel
Body Seal	None
Cleaning Process	Special Cleaning and Packaging (SC-11)
Connection 1 Size	1/4 in.
Connection 1 Type	Face Seal (Metal Gasket) Female VCR
Connection 2 Size	1/4 in.
Connection 2 Type	Face Seal (Metal Gasket) Female VCR
CV Maximum	0.3
Flow Pattern	Straight (2-way)
Gasket	None
Maximum Temperature, °F (°C)	200 (93)
Max Temperature Pressure Rating	200°F @ 400 PSIG /93°C @ 27.5 BAR
Minimum Temperature, °F (°C)	-40 (-40)
Room Temperature Pressure Rating	400 PSIG @ 100°F /27.5 BAR @ 37°C
Service Class	General
Stem Tip Material	PCTFE
Stem Type	Conical
Surface Finish	Ra 20 µin
Testing	Helium leak testing according to SCS-00020
eClass (4.1)	37010201
eClass (5.1.4)	37010201
eClass (6.0)	37010201
eClass (6.1)	37010201
eClass (10.1)	37010201
UNSPSC (4.03)	40141600
UNSPSC (10.0)	40141609
UNSPSC (11.0501)	40141609
UNSPSC (13.0601)	40141609
UNSPSC (15.1)	40141609
UNSPSC (17.1001)	40141600

Contact

If you have questions about this product, please contact your local authorized sales and service center. They can also tell you about supporting services to help you get the most out of your investment.

The complete catalog contents must be reviewed to ensure that the system designer and user make a safe product selection. When selecting products, the total system design must be considered to ensure safe, trouble-free performance. Function, material compatibility, adequate ratings, proper installation, operation, and maintenance are the responsibilities of the system designer and user.

Do not mix/interchange Swagelok products or components not governed by industrial design standards, including Swagelok tube fitting end connections, with those of other manufacturers.

Straight Pattern

Isolate system fluids and achieve reliable, leak-tight performance with Swagelok bellows valves, which use a packless design and a welded seal. Bellows valves are ideal for applications where the seal to atmosphere is critical, and we offer multiple options for general and high-purity service.



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