

CHECK VALVE

STD TYPE

FEATURES

- Using SUS316L as a material , corrosion resistance is improved
- All-welded design provides reliable containment of system fluid
- Conserves panel space
- Noise free operations
- Cleanroom assembled and packaged

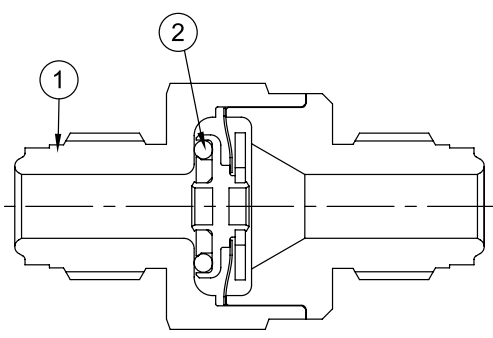


MAJOR SPECIFICATIONS

Size	1/4"	3/8", 1/2"
Cv Value	0.55	0.7
Max. Working Pressure (G.)	20.6MPa	
Nominal Reseal Pressure (G.)	27.6KPa	
Nominal Cracking Pressure (G.)	13.8KPa	
Max. Working Temp.	-10°C ~ 80°C	
External Leakage Allowance (He) Test Pressure $\leq 1 \times 10^{-2}$ Torr Holding Time ≥ 1 min.	1x10 ⁻¹⁰ Pa · cm ³ /s	
Particle Inspection (EP only) Pressure : 60~80psi N ₂ Gas Sample Volume : 1CFM 0.1μm and Larger	No count	

PRODUCT GRADE

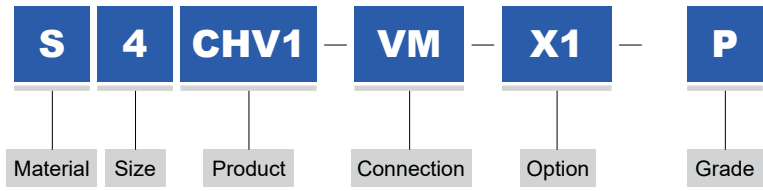
GRADE	AP	BA	EP
Inner Surface Roughness	Ry $\leq 25\mu\text{m}$ Cut off Length : 2.5mm Measuring Length : 12.5mm	Ry $\leq 3.0\mu\text{m}$ 10 μinch Ra(Avg.) Cut off Length : 0.8mm Measuring Length : 4mm	Ry $\leq 0.7\mu\text{m}$ 5 μinch Ra(Avg.) Cut off Length : 0.25mm Measuring Length : 1.25mm
Polishing	Machining Finish	Machining Finish	Electro Polishing Finish



MATERIAL

NO.	NAME	MATERIAL
1	Body	316L Stainless Steel 316L Stainless Steel VAR
2	Seal Ring	FKM / Neoprene /
3	Spring	Hastelloy C-22

ORDERING INFORMATION



MATERIAL		SIZE		CONNECTION		GRADE	
S	316L Stainless Steel	4	1/4"	VM	MFS Male	AP	AP Grade
D	316L Stainless Steel VAR	8	1/2"			BLANK	BA Grade
						P	EP Grade

MODEL	CONNECTION	SIZE	A	B
	MFS Male	1/4"	45.8	22
		1/2"	52.3	27