

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

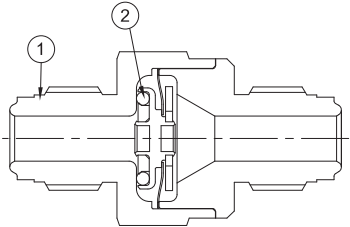


MAJOR SPECIFICATIONS

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)	1x10 ⁻¹⁰ Pa · m ³ /s	
Test Pressure ≤ 1x10 ⁻² Torr		
Holding Time ≥ 1 min.		
Particle Inspection (EP only)	No count	
Pressure : 60~80psi N ₂ Gas		
Sample Volume : 1CFM		
0.1μm and Larger		

PRODUCT GRADE

GRADE	AP	BA	EP
Inner	Ry ≤ 25μm	Ry ≤ 3.0μm	Ry ≤ 0.7μm
Surface	Cut off Length : 2.5mm	10 μinch Ra(Avg.)	5 μinch Ra(Avg.)
Roughness	Measuring Length : 12.5mm	Cut off Length : 0.8mm	Cut off Length : 0.25mm
		Measuring Length : 4mm	Measuring Length : 1.25mm
Polishing	Machining Finish	Machining Finish	Electro Polishing Finish



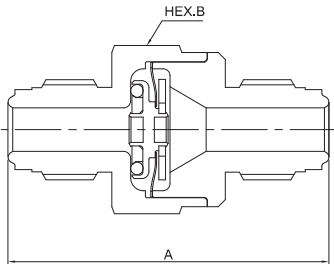
MATERIAL

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

ORDERING INFORMATION

S	4	CHV1	VM	X1	P
Material	Size	Product	Connection	Option	Grade

	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