

VRL Standard Check Valve

Prevent reversed flow to protect solenoids, regulators and pumps. Retain pressure in hydraulic and pneumatic cylinders, etc. Have return spring and poppet closure with o'ring for a smooth and reliable performance.

Other features

- Available in different materials.
- Screw and double ferrule connections.
- The design assured a minimum flow resistance
- Easy maintenance
- 100% tested in factory



Technical data

Pressure rating @70°F:

Brass	3000 psi
316 SS	5000 psi

Service temperatures:

buna seal	9 to 250°F
fluoroelastomer seal	10 to 400°F

Cracking pressure:

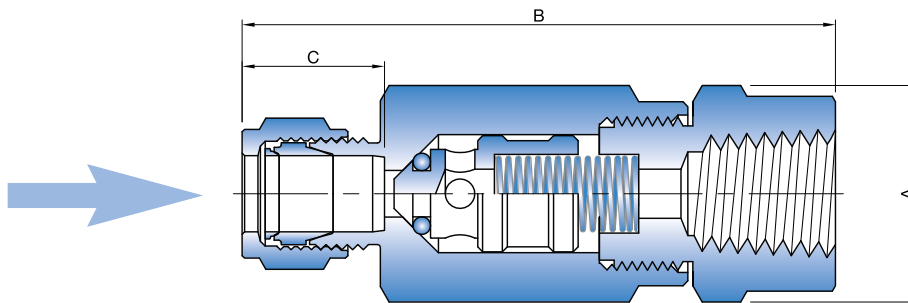
≤ 10 psi (fix)

Standard materials:

Type	Body	Poppe	Standard Seat and Joint (*)	pring
Brass	Brass	316 SS	Buna	302 SS
Stainless Steel	316 SS	316 SS	Fluoroelastomer	302 SS

(*) Other materials upon request

Installment required dimensions



Inlet and Outlet Connections	Model		Orificie [mm]	Flow Coefficient Cv	Dimensions [mm]		
	Brass Valves	Steel Valves			A (hex.)	B	C
1/8 NPT F	VRL 12-B	VRL 12-I	4.75	0.56	19	60	-
1/8 NPT M	VRL 12M-B	VRL 12M-I	4.75	0.56	19	56	-
1/4 NPT F	VRL 25-B	VRL 25-I	4.75	0.56	19	62	-
1/4 NPT M	VRL 25M-B	VRL 25M-I	4.75	0.56	19	66	-
1/4 Tube	VRL 25T-B	VRL 25T-T	4.75	0.56	19	75.8	16.4
3/8 Tube	VRL 38T-B	VRL 38T-I	4.75	0.56	19	78.2	18.6
1/2 NPT F	VRL 50-B	VRL 50-I	9.50	2.15	27	81.0	-
1/2 Tube	VRL 50T-B	VRL 50T-I	9.50	2.15	27	96.5	24