

VRS Severe service check valve

High flow poppet check valve with spring return, recommended for severe service, including CNG applications.

Special features

- Chatter is greatly reduced
- Blowout-proof o'ring seat design
- Stronger spring that reduces the risk of material fatigue failure
- Good performance in alternating flow
- High Cv flow rates
- NPT connections
- 100% tested in factory



Technical data

Pressure rating @ 70°F:

Standard	6.000 psi
Optional	10.000 psi

Service temperature:

10 to 400 °F

Cracking pressure:

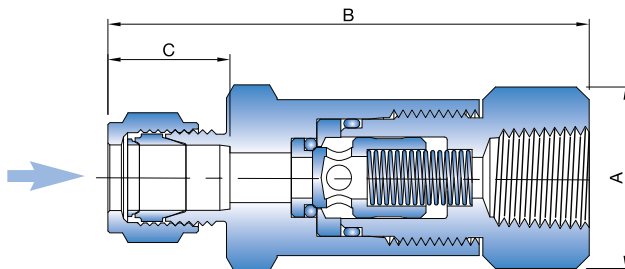
Standard	≤ 10 psi (fix)
Optional	70 psi ± 20%

Standard materials:

Body	Poppet	Standard Seat and Joint (*)	Spring
316 SS	316 SS	Fluoroelastomer	302 SS

(*) Otros materiales a pedido.

Installment required dimensions



How to Order

VRS 25 I

Model

Optional
 HS: MWP 10.000 psi
 5 : c. pressure 70 psi ± 20%

Connection
 25: 1/4 NPT F
 50: 1/2 NPT F
 75: 3/4 NPT F

Material
 I: Stainless steel

Inlet/Outlet connections (*)	Model	Pressure rating @ 70°F	Orifice [mm]	flow coefficient CV	Dimensions [mm]		
					A (hex.)	B	C
1/4" NPT F	VRS25-I	6000	5.75	0.82	22.2	59.0	-
1/4" Tube	VRS25T-I	6000	4.70	0.56	22.2	73.8	16.4
1/2" NPT F	VRS50-I	6000	11.50	4.00	31.7	84.5	-
1/2" Tube	VRS50T-I	6000	10.50	3.20	31.7	107.5	24.0
1/2" NPT F	VRS50-I-HS	10000	10.00	3.00	34.9	84.5	-
3/4" NPT F	VRS75-I	6000	15.20	6.00	34.9	104.0	-

(*) Other connections upon request