

Vent Relief Valve



Type: VRV Vent Relief Valve

Size: 1/8" – 1" (DN4 – DN25)

Pressure Range: 0.03 – 10 bar (0.5 – 150 psig)

Temperature Range: -220°C / -320°F up to +205°C / +400°F

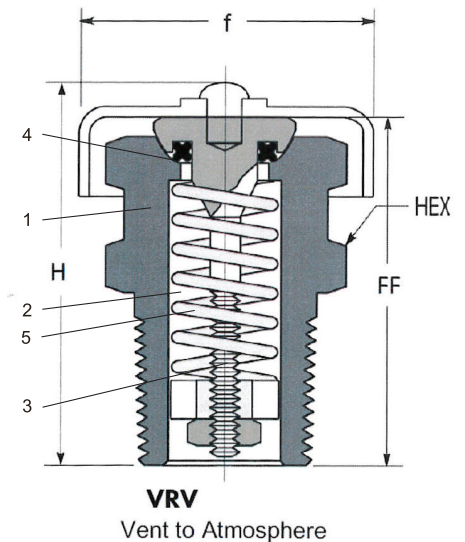
Description: VRV vent relief valve is compact and highly accurate with repeatable cracking pressure. Zero leakage and tamper proof design. This valves is ideally suited for most liquid or gas applications.

Options Include: Inline (male x female), vent to atmosphere with deflector cap.

'Cleaned & packed for Oxygen Service'



Materials		Valve Body Material		
		Brass	Aluminum	316 Stainless
1	Body	Brass ASTM B16	2024 Aluminum ASTM B211 (Clear Anodized ASTM B580)	316 SS ASTM A479
2	Spring Retainer	Brass ASTM B16 (Nickel Plated ASTM B689)	2024 Aluminum ASTM B211 (Clear Anodized ASTM B580)	316 SS ASTM A479
3	Stem	Brass ASTM B16	2024 Aluminum ASTM B211 (Clear Anodized ASTM B580)	316 SS ASTM A479
4	Seals	As Specified, see Part Number Information		
5	Spring	302 SS ASTM A313	302 SS ASTM A313	302 SS ASTM A313



Type CV Check Valve	Technical Data						
Nominal Size		1/8"	1/4"	3/8"	1/2"	3/4"	1"
Face to face dimension	FF	17.78	30.48	31.49	44.45	57.15	79.24
Length	f	17.5	23.36	29.71	35.56	43.94	49.27
Height	H	27.94	33.5	35	48.76	61.97	83.5
Weight	ca.kg	0.19	0.28	0.54	0.94	1.78	2.45
CV- Valve	gal/min	0.11	0.11	0.11	0.19	0.62	1.5

Dimensions in mm.

Typical Part Number - VRV-125B-V-15						
Series	Port Size	Material Code	Seal Material	Nominal Set Pressure	Options	
VRV - Vent to Atmosphere	125 - 1/8" NPTM	B - Brass	V - Viton (-20°F to 400°F)	0.5 - 150 Psig*	Oxygen cleaned, alternative seals available	
VRVD - Vent to Atmosphere with Deflector Cap	250 - 1/4" NPTM	A - Aluminum	B - Buna-N (-40°F to 250°F)			
VRVI - Inline Relief (Male x Female)	375 - 3/8" NPTM	SS - 316 SS	N - Neoprene (-40°F to 250°F)			
	500 - 1/2" NPTM		EP - Ethylene Propylene (-65°F to 300°F)			
	750 - 3/4" NPTM		S - Silicone (-65°F to 400°F)			
	1000 - 1" NPTM		T - Teflon (-320°F to 400°F)			
			FS - Fluorosilicone (-20°F to 350°F)			

*Teflon Seals not available below 20 Psi