

Cryogenic Relief Valve (Brass)



Type: CRV Brass Cryogenic Relief Valve

Size: 1/4" – 1/2" (DN8 – DN15)

Pressure Range: 0.7 – 51.7 bar (10 – 750 psig)

Temperature Range: -196°C / -320°F up to +74°C / +165°F

Description: CRV cryogenic relief valve is a spring reference over pressure protection. The CRV incorporates Generant's exclusive "Dirt Guard" feature which increases the valves ability to tolerate particulate contamination. The CRV is supplied cleaned and packaged for oxygen service.

Options Include: Pipe-a-way adaptors, tamper proof ring, deflector adaptor.

'Cleaned & packed for Oxygen Service'

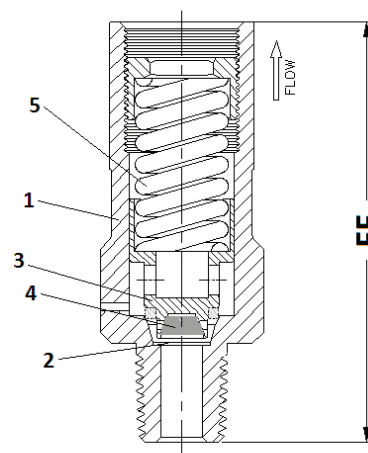
CE marked in accordance to the requirements of the PED 97/23/EC



Materials	Valve Body Material
	Brass
1 Body	Brass ASTM B16
2 Poppet	Brass ASTM B16
3 Spring Retainer	Brass ASTM B16
4 Seals	PCTFE ASTM D1430
5 Spring	302 SS ASTM A313

Type CRV Stainless Cryogenic Relief Valve	Technical Data			
Nominal Size		1/4"	3/8"	1/2"
Face to face dimension	FF	63.6	63.6	63.6
Weight	ca.kg	0.2	0.75	1.2
CV- Valve	gal/min	0.4	0.53	0.76

Dimensions in mm.



Typical Part Number - CRV-250B-K-350			
Series	Inlet Pipe Size	Seal Material	Nominal Set Pressure
CRV - Cryogenic Relief Valve	250B - 1/4" NPTM	FS - Fluorosilicone (10 - 49 Psig)	10 -750 Psig (0.7 - 51.7 Bar)
CRVP2 - Cryogenic Relief Valve with 1/4" Female Pipe-A-Way adapter Installed	357B - 3/8" NPTM	K - PCTFE (Above 50 psig)	
CRVP3 - Cryogenic Relief Valve with 3/8" Female Pipe-A-Way adapter Installed	500B - 1/2" NPTM		
CRVP4 - Cryogenic Relief Valve with 1/2" Female Pipe-A-Way adapter Installed			
CRVT - Cryogenic Relief Valve with tamper proof ring installed			
CRVD - Cryogenic Relief Valve with deflector adaptor installed			
CRVB4 - Cryogenic Relief Valve with 1/2" BSPT Female Pipe-A-Way adaptor installed			