

# Cryogenic Relief Valve (Stainless Steel)



**Type:** CRV Stainless Steel 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

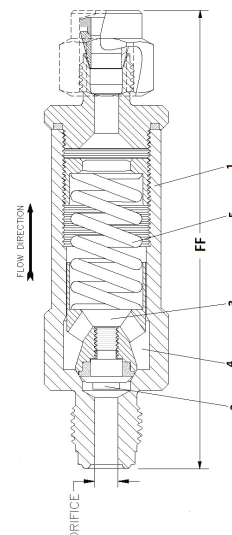
**Description:** CRV cryogenic relief valve is a spring reference over pressure protection. The stainless steel CRV is supplied cleaned and packaged for oxygen service making it an ideal choice for most cryogenic relief valve applications.

**Options Include:** NPT, metal to metal face seal, bi-lok dual ferrule tube connections

**'Cleaned & packed for Oxygen Service'**



Materials		Valve Body Material
		<b>Stainless</b>
1	Body	316 Stainless Steel ASTM A479
2	Poppet	316 Stainless Steel ASTM A479
3	Spring Retainer	316 Stainless Steel ASTM A479
4	Seals	PCTFE ASTM D1430
5	Spring	302 SS ASTM A313



Type CRV Brass Cryogenic Relief Valve	Technical Data		
<b>Nominal Size</b>		<b>1/4"</b>	<b>1/2"</b>
Face to face dimension	FF	65.02	65.02
Weight	ca.kg	0.4	1.6
CV- Valve	gal/min	0.44	0.57

Dimensions in mm.

Typical Part Number - CRV4-4-K-350			
Series	Inlet Size	Seal Material	Nominal Set Pressure
CRV - Cryogenic Relief Valve	4 - 1/4" NPTM	FS - Fluorosilicone (-85°F to 392°F)	10 -750 Psig
CRVD - Deflector Cap	8 - 1/2" NPTM	K - PCTFE (-320°F to 165°F)	
CRV4 - 1/4" NPTF Inline Adaptor	4V - -4 Metal to Metal Face seal	V - Viton (-20°F to 375°F)	
CRV6 - 3/8" NPTF Inline Adaptor	4T - 1/4" Bi-Lok Dual Ferrule Tube		
CRV8 - 1/2" NPTF Inline Adaptor	8T - 1/2" Bi-Lok Dual Ferrule Tube		
CRV4V - -4 Face Seal Inline Adaptor	8V - -8 Metal to Metal Face Seal		
CRV4T - 1/4" Bi-Lok Inline Adaptor			
CRV8T - 1/2" Bi-Lok Inline Adaptor			
CRV8V - -8 Face Seal Inline Adaptor			