

PRESSURE RELIEF VALVE

Brass body, Spring Loaded

Application:

These relief valves are specifically designed for thermal line safety relief applications and cryogenic liquid containers. Hence they also prevent damage to piping and equipment caused by the expansion of liquefied gases. Available in variety of pressure ratings.



Features:

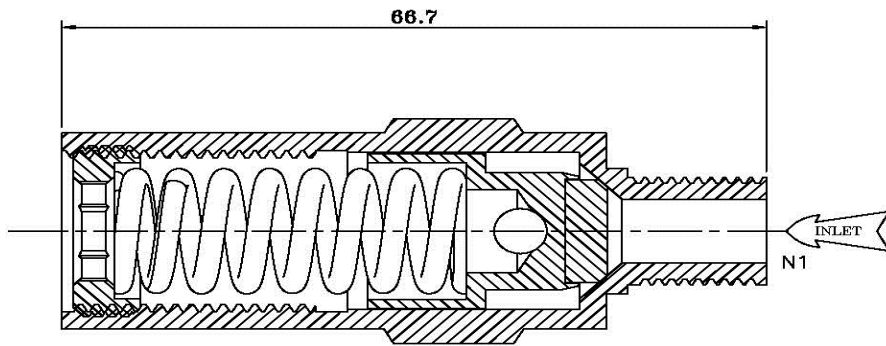
- ❖ Valve will not stick in its seat even when left unused for long periods of time
- ❖ Design allows the valve to reseat correctly after venting off the expanding fluid Which prevents wastage of cryogenic gases
- ❖ Tamper resistant
- ❖ Accuracy of lifting pressure is +/- 3%
- ❖ Valve is tight up until 90% of set pressure
- ❖ Valve reseats before 50% of set pressure
- ❖ Rated for gas service only
- ❖ All valves are cleaned and packed for oxygen service per CGA G-4.1
- ❖ 100% factory tested as per BS EN 13648-1

Technical:

- ❖ Designed and manufactured in accordance with ASTM B31.1, EN 1626 & BS ISO 21011
- ❖ Full material traceability backed by BS EN 10204 3.1 certification
- ❖ Approved for TPED(2010/35/EU)in accordance with BS EN 13648-1 & EN ISO 4126-1
- ❖ Approved for PED (2014/68/EU)in accordance with BS EN 13648-1 & EN ISO 4126-1

Technical Data:

Connection Size	1/4" NPT(M)
Media	LIN, LAR & LOX
Working Pressure	580 PSIG (40.00 Bar)
Operating Temperature	-320°F TO +149°F (-196°C TO +65°C)
Body	Naval Brass (BS EN 12163 CW712R)
Spring	Stainless Steel (SS 302)
Seat Disc	PTFE
Seat Retainer	Naval Brass (BS EN 12163 CW712R)
Surface Finish	Inside: 0.4 Ra for Seat Area
	Outside: As Machined



Pressure Rating Information:

Part #	Set Pressure	
	PSI	BAR
LECRPR06N025	25-49	1.7-3.3
LECRPR06N050	50-99	3.4-6.8
LECRPR06N100	100-199	6.9-13.7
LECRPR06N200	200-434	13.8-29.9
LECRPR06N435	435-580	30.0-40.0

Ordering Chart

ORDER IDENTIFICATION NUMBER

