

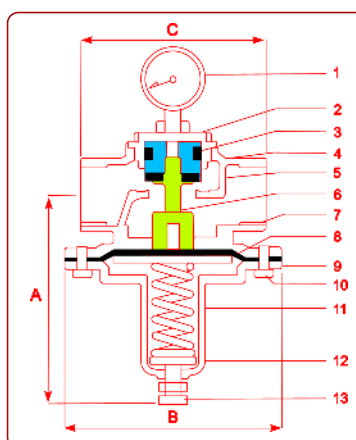


DESCRIPTION

Mechanical Characteristics:

Direct Acting Low Pressure Relief Valve. 316 Stainless Steel body, suitable for air, water, and light oil. Large lower diaphragm is more sensitive to low pressures. Adjustment is via stem (13) which alters the gate, effecting the outlet pressure. The pressure gauge accurately indicates the outlet pressure. Available with female BSP or NPT ports, or PN16 flanged body. ANSI flanges available upon request.

Pressure Adjusting Range:
 • 0.2 - 1.5 Bar



(Flanged model shown)

SPECIFICATIONS & DIMENSIONS

Model: Screwed Port				Orifice mm	Nominal Pressure	Pressure in Bar	KV Flow Factor L/Min.	Weight Kg	Dimensions mm			
A	B	C	A						B	C		
P42	I	15	F/G	1/2"	15	10	16	35	0.8	110	105	70
P42	I	20	H/I	3/4"	20	10	16	129	1	125	105	85
P42	I	25	L/M	1"	25	10	16	157	1.05	125	105	90
P42	I	40	O/V	1 1/2"	40	10	16	300	2.3	155	145	115
P42	I	50	P/W	2"	50	10	16	357	2.5	155	145	120
Model: Flanged PN16												
P42	I	15	FL	1/2"	15	10	16	35	2	110	150	-
P42	I	20	FL	3/4"	20	10	16	129	3	125	150	-
P42	I	25	FL	1"	25	10	16	157	5	125	150	-
P42	I	40	FL	1 1/2"	40	10	16	300	8	155	190	-
P42	I	50	FL	2"	50	10	16	357	12	155	190	-

No.	Description	Material
1	Gauge	Stainless Steel
2	Cover	316 Stainless Steel
3	O ring	NBR/VITON
4	Piston	316 Stainless Steel
5	Sealing Spacer	NBR/VITON
6	Shaft	316 Stainless Steel
7	Main Body	316 Stainless Steel
8	Diaphragm	CR + TEFLON
9	Lower Cover	316 Stainless Steel
10	Fixed Bolt	304 Stainless Steel
11	Spring	Spring Steel
12	Washer	Brass
13	Adjusting Stem	304 Stainless Steel

ORDER CODES

A	Body	B	Ported Body	Flanged Body PN16. ANSI 150 upon request.			C	Seals (fluid temp. min / max)
I	316 Stainless Steel	F	1/2" BSP	G	1/2" NPT	12A	1/2" PN16	1 VITON (-10°C to + 90°C)
		H	3/4" BSP	I	3/4" NPT	34A	3/4" PN16	
		L	1" BSP	M	1" NPT	1A	1" PN16	
		O	1 1/2" BSP	V	1 1/2" NPT	15A	1 1/2" PN16	
		P	2" BSP	W	2" NPT	2A	2" PN16	