

JOHN FIG 723

Air Relief Valve

The 723-air relief valve features a NBR faced disc for maximum tightness. The disc utilises the reactive force of the discharging air and ensures a high discharge capacity.

Body	Brass
Trim	Brass NBR
Size Range	8, 10, 15, 20, 25
Pressure Range	PN12
Temperature	-30°C - 100°C
Connections	BSP MALE/FEMALE
Pressure	1-12 bar
Standards	AS 1271, Class B

Dimensions

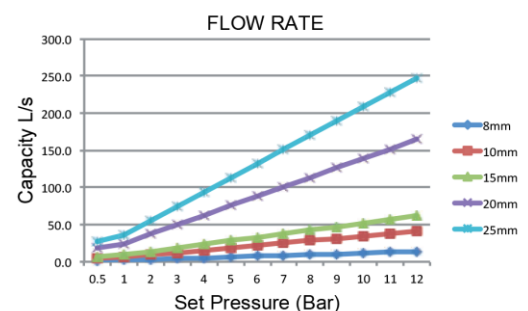
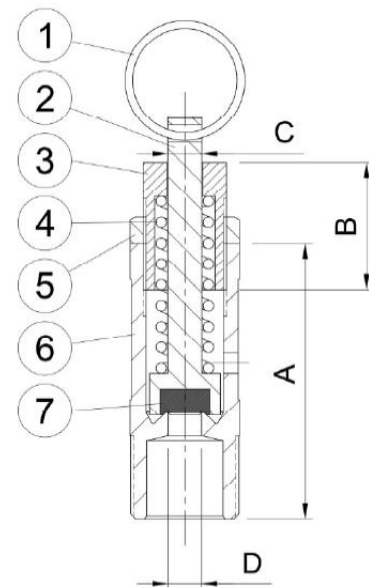
Size	A	B	C	D
8	35	23.5	5.3	4
10	46	27.5	6.5	6
15	52	27.5	6.5	6
20	70	35	10	12
25	75	35	10	12

Materials of Construction

ID	Part Description	Material	Specifications
1	Ring Pull	Steel	
2	Shaft	Brass	
3	Adjusting Nut	Brass	
4	Spring	Spring Steel	
5	Lock Nut	Brass	
6	Body	Brass	
7	Disc Face	NBR	

Air Capacity – L/S

Set Press (kPa)	8	10	15	20	25
0.5	1.5	4.5	6.7	17.9	26.9
1	2.0	6.1	9.1	24.3	36.5
2	3.1	9.3	13.9	37.0	55.6
3	4.1	12.4	18.7	49.8	74.7
4	5.2	15.6	23.4	62.5	93.8
5	6.3	18.8	28.2	75.2	112.9
6	7.3	22.0	33.0	88.0	132.0
7	8.4	25.2	37.8	100.7	151.1
8	9.5	28.4	42.5	113.4	170.2
9	10.5	31.5	47.3	126.2	189.3
10	11.6	34.7	52.1	138.9	208.4
11	12.6	37.9	56.9	151.7	227.5
12	13.7	41.1	61.6	164.4	246.6



John Valves Pty Ltd Reserve the right to change materials and/or dimensions without notice | 01/2024
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Air Relief Valve

Size Range			
Size	Orifice mm ²	Min (Barg) Pressure	Max (Barg) Pressure
DN15 (1/2")			
DN20 (3/4")			
DN25 (1")			
DN32 (1-1/4")			
DN40 (1-1/2")			
DN50 (2")			

Performance		
Size	Over Pressure	Blow Down
Steam		
Hot Water‡		
Air/Gas		
Liquid		

* Or 0.3 Barg min † or 0.6 Barg min ‡ above 100°C

Maximum Back Pressure	
Barg	
Constant	
Built-up	
Variable	

Figure Numbering

END CONNECTION	OPERATOR	BODY MATERIAL	TRIM	PAINTING	BOLTING	TESTING/INSPECTION	SPECIAL FEATURES
BSP THREADED	SAFETY LEVER, SAFETY VALVE	BRONZE	STAINLESS STEEL			MILL& HYDRO	
	DOME CAP RELIEF VALVE		EPDM			MILL& HYDRO	

