

# Brass Spring Relief Valve

LV 1016

Screwed BSPP Male, with Manual Test Ring Pull, Open Discharge,  
Spring Ranges to Cover 0.1 Bar to 18 Bar. Certified and Calibrated on Request



Pressure / Temperature Specifications		
Pressure	10 Bar 1/8"	18 Bar 1/2"
	18 Bar 1/4"	18 Bar 3/4"
	16 Bar 3/8"	16 Bar 1"
Temperature	-10°C to 85°C	

Material Specifications	
Body	Brass
Seal	Viton
Seal Holder	Brass
Spring	Spring Steel
Register	Brass
Lock Nut	Brass
Stem	Brass
Test Ring	Steel

Dimensions							
A	B	C	DN	E	F	H	Kg
1/8"	36.4	8	5	14	14	20	0.03
1/4"	36.4	8	5	14	14	20	0.04
3/8"	59.5	10	10.1	21	24	24	0.07
1/2"	59.5	10	10.1	21	24	24	0.08
3/4"	66	12	16.1	28	28	24	0.13
1"	80.5	16	20.1	35	35	24	0.2

Spring Ranges			
Size	Spring Ranges (Bar)		
1/8"	0.1 - 2	2 - 6	6 - 10
1/4"	0.1 - 2	2 - 6	6 - 10 10 - 18
3/8"	0.1 - 7	8 - 16	
1/2"	0.1 - 2	2 - 8	8 - 16 13 - 18
3/4"	0.1 - 2	2 - 8	8 - 16 13 - 18
1"	0.1 - 4	4 - 8	8 - 16

Maximum Discharge in KP/CM <sup>2</sup> at 50°C. Litre/Minute.						
	1/8"	1/4"	3/8"	1/2"	3/4"	1"
2			1310	1310	3340	5190
3			1750	1750	4450	6930
4	925	925	2190	2190	5560	8670
5			2620	2620	6670	10400
6	1297	1297	3060	3060	7790	12140
7			3500	3500	8900	13860
8	1673	1673	3930	3930	10010	15540
9			4370	4370	11120	17370
10	2050	2050	4810	4810	12230	19050
11			5250	5250	13350	20870
12	2425	2425	5720	5720	14460	22550
13			6130	6130	15540	24220
14	2800	2800	6570	6570	16760	26060
15			7000	7000	17830	27730
16	3175	3175	7450	7450	18960	29400

