

HATTERSLEY

Newman Hattersley International Limited



Bronze Pop Safety Valves

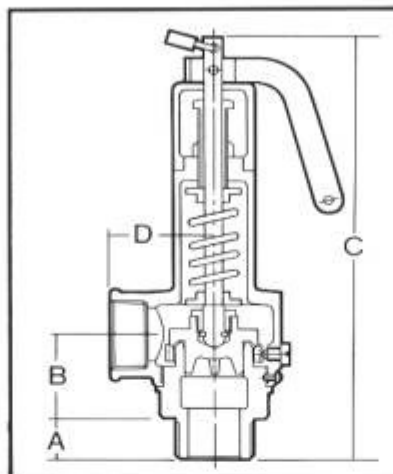
Fig.1319L & 1319LAT.

Suitable for Air and Saturated Steam up to a maximum pressure of 300 lbf/in² (20.7 bar)

Specification

These pop safety valves are specially designed for use with steam and air and give large volumetric discharge instantaneously when the set pressure is reached. They also close instantaneously with minimum blow-down differential. The seating surfaces are precision machined to give positive closure and each valve is tested and the 'popping' ring adjusted for maximum performance prior to despatch from works.

Ends threaded to BS21 but can be supplied with American thread (1319LAT).



Dimensions

Nominal size	in	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
A	in	1/2	5/8	3/4	7/8	7/8	1 1/8	1 3/16	1 3/16
	mm	13	16	19	22	22	29	30	30
B	in	1 3/16	1 7/16	1 9/16	1 3/4	1 7/8	2 1/2	3	3 1/2
	mm	30	37	40	45	48	64	76	89
C	in	6 3/4	7 7/8	7 7/8	9 1/4	9 1/2	11 7/8	13 1/8	14 1/2
	mm	172	181	200	235	241	302	333	368
D	in	1 1/4	1 1/2	1 3/4	2 1/8	2 1/4	2 3/4	3 1/4	3 7/8
	mm	32	38	45	54	57	70	83	99
Weight	kg	0.7	0.9	1.3	1.9	2.3	4.4	7.8	12

Spring Pressure Selection

Nominal	Size (in)	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
Spring Pressure Range		Spring Reference Number							
lbf/in ²	bar								
5-15	0.3-1.0	A2	D2	G2					
7-15	0.5-1.0				K2	N2			
8-15	0.6-1.0						Q2		
10-15	0.7-1.0							T2	W2
15-35	1.0-2.4	A1	D1	G1	K1	N1	Q1	T1	W1
30-75	2.1-5.2	A	D	G	K	N	Q	T	W
75-125	5.2-8.6	B	E	H	L	O	R	U	X
125-175	8.6-12.1	B1	E1	H1	L1	O1	R1	U1	X1
175-200	12.1-13.8					P	S	V	Y
175-250	12.1-17.2	C	F	J	M				
200-300	13.8-20.7	C	F						

