

BRASS LIFT CHECK VALVE

SPECIFICATION

MSS SP-80
VERTICAL LIFT • IN-LINE TYPE
METAL DISC • NBR SEAT
THREADED TO BS 21 (ISO 7) / ASME B1.20.1
SIZE RANGE : 15mm (1/2") ~ 100mm (4")

PRESSURE RATINGS

Working Pressure	200 psi (13.8 bar) WOG Non-Shock 125 psi (8.6 bar) Saturated Steam
Testing Pressure	Shell : 300 psi (20.7 bar) Hydrostatic Seat : 220 psi (15.1 bar) Hydrostatic 80 psi (5.5 bar) Air
Suitable Media	Water & Oil

MATERIALS

Part	Material	ASTM	EN
Body	Brass	B124 C37700	12165 CW617N
Bonnet	Brass	B124 C37700	12165 CW617N
Disc	Brass	B124 C37700	12165 CW617N
Stem	Brass	B124 C37700	12165 CW617N
Rubber	Nitrile Rubber		
Spring	SS 304	A276 S30400	304S15

DIMENSIONS

Size		L		H	
mm	inch	mm	inch	mm	inch
15	1/2	46	1.8	33.5	1.3
20	3/4	52	2	41	1.6
25	1	56	2.2	45.5	1.8
32	1-1/4	68.5	2.7	56	2.2
40	1-1/2	73.5	2.8	63.5	3.3
50	2	76	3.2	81	3.2
65	2-1/2	99	3.9	97	3.8
80	3	102	4.0	112	4.4
100	4	112	4.4	142.5	5.6

Note:

1. If used for gas application, please consult our sales office.
2. Design and specifications are subject to change without prior notice.

BLCV

Class 125

