

BRONZE SWING CHECK VALVE

SPECIFICATION

MSS SP-80
SCREWED CAP • SWING TYPE DISC • INTEGRAL SEAT
THREADED TO BS 21 (ISO 7) / ASME B1.20.1
SIZE RANGE : 15mm (1/2") ~ 100mm (4")

PRESSURE RATINGS

Working Pressure	300 psi (20.7 bar) WOG Non-Shock 150 psi (10.3 bar) Saturated Steam
Testing Pressure	Shell : 450 psi (31 bar) Hydrostatic Seat : 330 psi (22.7 bar) Hydrostatic 80 psi (5.5 bar) Air

MATERIALS

Part	Material	ASTM	EN
Body	Bronze (Gunmetal)	B62 C83600	1400 LG2
Cap	Bronze (Gunmetal)	B62 C83600	1400 LG2
Disc	Brass	B124 C38800	2874 CZ122
Hinge Pin	Brass Rod	B124 C38800	2874 CZ122
Gasket	Non-Asbestos Sheet		

DIMENSIONS

Size		L		H	
mm	inch	mm	inch	mm	inch
15	1/2	58	2.3	37	1.5
20	3/4	66	2.6	43	1.7
25	1	76	3.0	49	1.9
32	1-1/4	88	3.5	57.5	2.3
40	1-1/2	96	3.8	63	2.5
50	2	112	4.4	72	2.8
65	2-1/2	136	5.4	85	3.3
80	3	147	5.8	93	3.7
100	4	180	7.1	110	4.3

Note:

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

GSCV

Class 150

