

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 OR NPT

PRESSURE RATINGS

Working Pressure	300 psi (20.7 bar) C.W.P. 150 psi (10.3 bar) Saturated Steam
Testing Pressure	Shell: 450 psi (31 bar) Hydrostatic Seat: 330 psi (22.7 bar) Hydrostatic 80psi (5.5 bar) Air
Working Temperature	-10°C ~ 180°C
Suitable Media	Water & Oil

MATERIALS

Part	Material	ASTM
Body	Bronze	C83600
Cap	Bronze	C83600
Disc	Bronze	C83600
Hanger	Bronze	C83600
Disc Nut	Brass	C36000
Plug Nut	Brass	C36000

DIMENSIONS

Size		L		H	
mm	inch	mm	inch	mm	Inch
15	½	48.5	1.9	30.5	1.2
20	¾	55.5	2.2	38.5	1.5
25	1	71.5	2.8	43.5	1.7
32	1¼	82.2	3.2	51.0	2.0
40	1½	88.5	3.5	60.5	2.4
50	2	109.0	4.3	76.5	3.0

Note:

- Design and specifications are subject to change without prior notice.

GSCV

Class 150

