

Fig. 42
Bronze - Horizontal Lift



FEATURES & BENEFITS

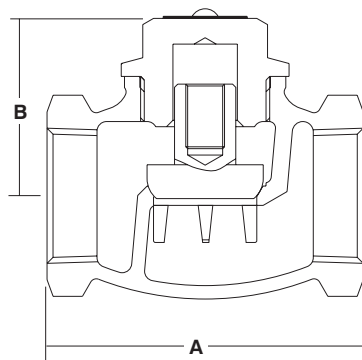
- Robust and high quality bronze body
- Horizontal lift pattern
- Metal to metal seat for enhance sealing
- Taper threaded to BS EN 10226 ISO 7-1 (BS 21)
- Fits in horizontal pipework only, not vertical

MATERIAL SPECIFICATION

Component	Material	Specification	
		BS EN	ASTM
Body	Bronze	1982 CC491K	B62 C83600
Cap	Bronze	1982 CC491K	B62 C83600
Disc (1/4" - 1")	Bronze	1982 CC491K	B62 C83600



DIMENSIONAL DRAWING



DIMENSIONS & WEIGHTS

Nom Size	in	1/2	3/4	1	1 1/4	1 1/2	2
A	mm	60	74	86	99	109	130
B	mm	39	43	51	58	64	70
Weight	kg	0.5	0.7	1.6	1.7	2.5	3.5

PRESSURE/ TEMPERATURE RATING

Fig. 42: BS 5154 PN32 Series B
14 bar at 198°C
32 bar from -10 to 100°C

Fig. 42AT: MSS SP-80 Class 150
10.3 Bar / 208°C
20.7 Bar / 66°C

TEST PRESSURES

Shell: 6 bar (pneumatic)
Seat: 35.2 bar (hydraulic)

SPECIFICATION

BS 5154:1991.
Bronze body.
Horizontal lift pattern.
Metal to metal seat.
Guided disc.
Threaded cap.
Taper threaded to BS EN 10226 ISO 7-1 (BS 21).
Available taper threaded NPT to ASTM B1.20.1 (42AT).
Medium: Group 2 Gas, Group 2 Liquids

