



Bronze Check Valves Threaded BS 21 or ANSI B1.20.1

SWING TYPE • METAL DISK
SCREWED-IN CAP • BSI KITEMARK APPROVED
PRESSURE/TEMPERATURE RATINGS

PN25
BS 5154 SERIES B
D138

Temperature (C°)	-10 to 100	110	120	130	140	150	160	170	180	186
Pressure (bar)	25.0	23.4	21.8	20.0	18.3	16.5	14.7	12.8	11.3	10.5

SPECIFICATION

D138 Sizes 3/8 to 3 – Threaded BS 21 (ISO 7) taper.

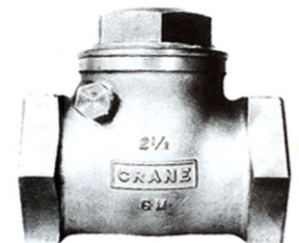
Valves are manufactured in accordance with BS 5154 PN25 for Series B ratings. Disk is flat accurately ground and connected to the hinge by a spud and nut, but is free to rotate, the inge is mounted on a hinge pin which permits free rotation in internal lugs (Sizes 3/8 to 2) or body bosses (Sizes 2 1/2 and 3). There are no external plugs on sizes 3/8 to 2. Body seat is integral.

Valves detailed on this page are also suitable for use in Class 150 imperial systems specifying valves to BS 1953 at the following ratings:
300 lbf/in² CWP; 150 lbf/in² at 366°F.

Valves having ANSI threads also generally conform to MSS SP – 80 (see page 13).



Sizes 3/8 to 2



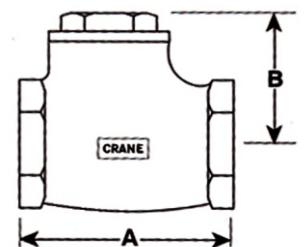
Sizes 2 1/2 and 3

MATERIALS

Part	Material	BS	ASTM
Body	No. 4 bronze	BS 1400-LG2	B62-C83600
Cap	No. 4 bronze	BS 1400-LG2	B62-C83600
Disk - 3/8 to 1	60/40 brass	BS 2874 CZ121	B16-C36000
- 1 1/4 to 3	No. 4 bronze	BS 1400-LG2	B62-C83600
Hinge pin	Aluminium bronze	NES 834 Pt. 2	-
Hinge	No. 4 bronze	BS 1400-LG2	B62-C83600

DIMENSIONS AND WEIGHTS

Nom. Size	mm A	mm B	Kg
3/8	48	34	0.20
1/2	57	38	0.32
3/4	66	43	0.43
1	77	49	0.61
1 1/4	89	56	1.01
1 1/2	93	65	1.34
2	108	76	2.12
2 1/2	153	98	4.16
3	188	110	5.82



SPECIFICATION ADDITIONS OR VARIATIONS

Ends threaded ANSI B1.20.1, specify Cat. No. D138AT.

