



PN20
BS 5154 SERIES B
D4

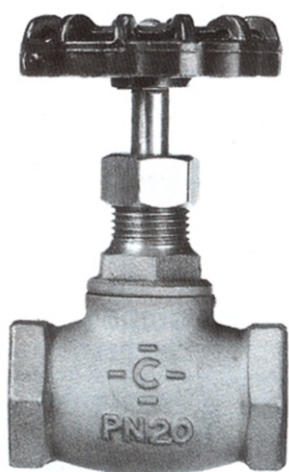
Bronze Globe Valves

Threaded BS 21 or ANSI B1.20.1

METAL DISK • SCREWED-IN BONNET

PRESSURE/TEMPERATURE RATINGS

Temperature (C°)	-10 to 66	100	110	120	130	140	150	160	170	180
Pressure (bar)	20.0	20.0	18.6	17.2	15.8	14.4	13.0	11.7	10.4	9.0



SPECIFICATION

D4 Size ¼ to 2 – Threaded BS 21 (ISO 7) taper.

Valves are manufactured in accordance with BS 5154 PN20 for Series B ratings. Design incorporates a spherical shape disk spun on to the stem on sizes ¼ to 1 ½, and on size 2 retained by threaded ring. Body seat is integral and is a narrow contact angled type.

Valves detailed on this page are also suitable for use in Class 125 imperial systems specifying valves to BS 2060 at the following ratings: 250 lbf/in² CWP; 125 lbf/in² at 353°F.

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

MATERIALS

Part	Material	BS	ASTM
Body	No.4 bronze	BS 1400 – LG2	B62 – C83600
Bonnet	No. 4 bronze	BS 1400 – LG2	B62 – C83600
Disk – ¼ to 1 ½	60/40 brass	BS 2874 CZ121	B16 – C36000
- 2	No. 4 bronze	BS 1400-LG2	B62 – C83600
Stem	60/40 brass	BS 2874 CZ121	B16 – C36000

DIMENSIONS AND WEIGHTS

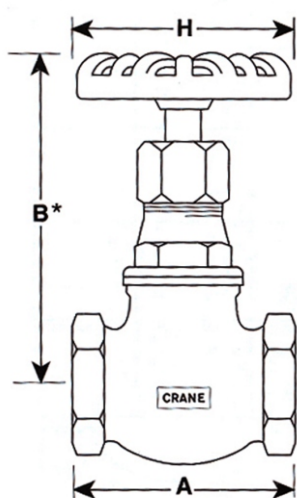
Nom. Size	mm A	mm B	mm H	Kg
¼	44	75	52	0.23
⅜	44	75	52	0.23
½	55	82	52	0.31
¾	63	89	52	0.43
1	77	102	65	0.71
1 ¼	91	118	70	1.13
1 ½	98	134	78	1.52
2	118	171	103	2.48

SPECIFICATION ADDITIONS OR VARIATIONS

Ends threaded ANSI B1.20.1, specify Cat. No. D4AT.

Gland packing for special services.

Gland packing for petrol service (sizes ½ to 2).



* Valve open

