

## Bronze Gate Valve - PN20

Bronze Body & Bonnet, Cast Handwheel,  
Screwed BSPP

### Pressure/Temperature Ratings

Max Pressure	20 Bar
Temperature	-20°C to 180°C

### Pressure Equipment Directive Category

1/2" to 1"	1 1/4" to 2"	2 1/2" & 3"	4"
SEP	CAT1(CE)	CAT2(CE)	CAT1(CE)

### Flow Rates

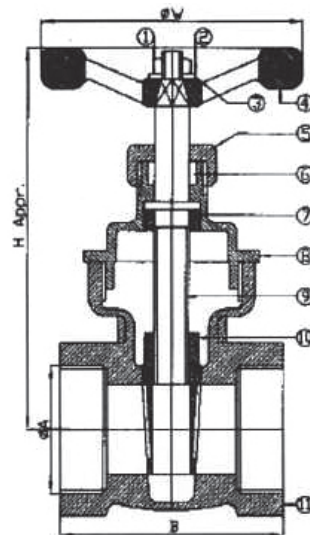
	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
<b>Cv</b>	16.4	37.4	66.7	105.3	150.9	269.1	500.8	795.6	1273.0
<b>Kv</b>	14.0	32.0	57.0	90.0	129.0	230.0	428.0	680.0	1088.0

\*Cv - flow rate in US GPM at a pressure drop of 1 psi.

\*Kv - flow rate in m<sup>3</sup> per hour at a pressure drop of 1 bar.

### Material List

Part No.	Description	Material	Specification
1	Nut	M.S.	BS 916
2	Washer	M.S.	BS 916
3	Disc Plate	Aluminium	Any Grade
4	Hand Wheel	C.I. / Aluminium	BS 1452 Gr 220 / Alloy LM2
5	Gland Nut	Bronze	BS 1400 LG2
6	Gland Packing	Teflon	PTFE
7	Check Nut	Bronze	BS 1400 LG2
8	Bonnet	Bronze	BS 1400 LG2
9	Stem	Brass	CZ114 OF BS 2872 / 2874
10	Wedge	Bronze	BS 1400 LG2
11	Body	Bronze	BS 1400 LG2



### Dimensions

Size	A	B	H	ØW
6	1/4"	44	77	54
10	3/8"	44	77	54
15	1/2"	46	77	54
20	3/4"	50	85	54
25	1"	55	105	65
32	1 1/4"	61	115	65
40	1 1/2"	63	126	76
50	2"	71	158	82
65	2 1/2"	88	189	100
80	3"	99	226	115
100	4"	118	265	135