

## Bronze Gate Valve - PN20

Screwed BSPP, Bronze Body &amp; Bonnet, Cast Handwheel

Pressure / Temperature Specifications	
Pressure	PN20
Temperature	-20°C to 180°C

Pressure Equipment Directive Category			
<b>1/2" to 1"</b>	<b>1 1/4" to 2"</b>	<b>2 1/2" to 3"</b>	<b>4"</b>
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 Specifications		
1	Nut & Washer	Mild Steel
2	Name Plate	Aluminium
3	Handwheel	Cast Iron
4	Stem	Brass
5	Gland Nut	Bronze
6	Gland Packing	PTFE
7	Bonnet	Bronze
8	Check Nut	Bronze
9	Wedge	Bronze
10	Body	Bronze

Dimensions				
A	B	H	W	Kg
1/4"	44	77	54	0.31
3/8"	44	77	54	0.31
1/2"	46	77	54	0.31
3/4"	50	85	54	0.5
1"	55	102	65	0.54
1 1/4"	61	115	65	0.7
1 1/2"	63	126	76	1.03
2"	71	158	82	1.2
2 1/2"	88	189	100	2.6
3"	99	226	115	3.9
4"	118	265	135	6.5

