

Pegler Valve

Bronze Full Way Gate Valve BS 5154 PN20 Series B.

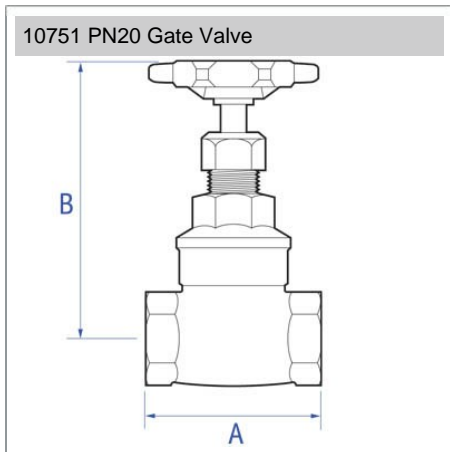
10751 PN20 Gate Valve



General Information

Size	Pattern No.	Pack 1 Qty	Pack 2 Qty	Code	Barcode	Price (£) each ex VAT	Discontinued	Date Discontinued
1/2"	10751	10	0	101050	5022050389381	Disc(Out of Stock)	Discontinued	17/09/2021
3/4"	10751	10	0	101051	5022050389404	Disc(Out of Stock)	Discontinued	17/09/2021
1"	10751	10	0	101052	5022050389428	Disc(Out of Stock)	Discontinued	17/09/2021
1.1/4"	10751	4	0	101053	5022050389442	Disc(Out of Stock)	Discontinued	17/09/2021
1.1/2"	10751	4	0	101054	5022050389466	Disc(Out of Stock)	Discontinued	17/09/2021
2"	10751	2	0	101055	5022050389480	Disc(Stock available)	Discontinued	17/09/2021
2.1/2"	10751	1	0	101056	5022050575821	Disc(Stock available)	Discontinued	17/09/2021
3"	10751	1	0	101057	5022050575838	Disc(Out of Stock)	Discontinued	17/09/2021
1/2"	10751PT (Blue Handle)	10	0	101070	5022050411518	£22.73		
3/4"	10751PT (Blue Handle)	10	0	101071	5022050411655	£29.64		
1"	10751PT (Blue Handle)	10	0	101072	5022050411679	£46.45		
1.1/4"	10751PT (Blue Handle)	4	0	101073	5022050411693	£63.29		
1.1/2"	10751PT (Blue Handle)	4	0	101074	5022050411716	£92.58		
2"	10751PT (Blue Handle)	2	0	101075	5022050411730	£146.06		
2.1/2"	10751PT (Blue Handle)	1	0	101076	5022050577771	£328.07		
3"	10751PT (Blue Handle)	1	0	101077	5022050577788	£363.77		
1/2"	10751 (Red Handle)	10	0	10110	5022050525208	POA		
3/4"	10751 (Red Handle)	10	0	10111	5022050525215	POA		
1"	10751 (Red Handle)	10	0	10112	5022050525222	POA		
1.1/4"	10751 (Red Handle)	4	0	10113	5022050525239	POA		
1.1/2"	10751 (Red Handle)	4	0	10114	5022050525246	POA		

Size	Pattern No.	Pack 1 Qty	Pack 2 Qty	Code	Barcode	Price (£) each ex VAT	Discontinued	Date Discontinued
2"	10751 (Red Handle)	2	0	<u>10115</u>	5022050525253	POA		
2.1/2"	10751 (Red Handle)	1	0	<u>10116</u>	5022050588661	POA		
3"	10751 (Red Handle)	1	0	<u>10117</u>	5022050588678	POA		



Dimensions

Code	Description	A	B
101070	1/2" 10751 Gate Valve	43	78 0.345
101071	3/4" 10751 Gate Valve	49	88 0.355
101072	1" 10751 Gate Valve	54	106 0.524
101073	1.1/4" 10751 Gate Valve	62	119 0.770
101074	1.1/2" 10751 Gate Valve	65	140 1.07
101075	2" 10751 Gate Valve	75	161 1.62
101076	2.1/2" 10751 Gate Valve	87	190 2.98
101077	3" 10751 Gate Valve	105	213 4.82
10110	10751 Red PT 1/2 BRZ GV		
10111	10751 Red PT 3/4 BRZ GV		
10112	10751 Red PT 1 BRZ GV		
10113	10751 Red PT 1.1/4 BRZ GV		
10114	10751 Red PT 1.1/2 BRZ GV		
10115	10751 Red PT 2 BRZ GV		
10116	10751 Red PT 2.1/2 BRZ GV		
10117	10751 Red PT 3 BRZ GV		

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Flow Rate

Size	Pattern No.	Code	Kv m3/h
1/2"	10751PT (Blue Handle)	101070	7.28
3/4"	10751PT (Blue Handle)	101071	18.65
1"	10751PT (Blue Handle)	101072	36.76
1.1/4"	10751PT (Blue Handle)	101073	65.98
1.1/2"	10751PT (Blue Handle)	101074	94.68
2"	10751PT (Blue Handle)	101075	195.76
2.1/2"	10751PT (Blue Handle)	101076	333.42
3"	10751PT (Blue Handle)	101077	501.81
1/2"	10751 (Red Handle)	10110	
3/4"	10751 (Red Handle)	10111	
1"	10751 (Red Handle)	10112	
1.1/4"	10751 (Red Handle)	10113	
1.1/2"	10751 (Red Handle)	10114	
2"	10751 (Red Handle)	10115	
2.1/2"	10751 (Red Handle)	10116	
3"	10751 (Red Handle)	10117	

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Pressure and Temperature

Description	Minimum Operating	Maximum Cold Working	Maximum Hot Working Pressure
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	Pressure (bar)	Pressure (bar)	(bar)
10751 PN20 Gate Valve	No Minimum Operating Pressure	20.0 bar at temperatures up to 100°C	9.0 bar at temperatures up to 180°C

Care and Maintenance

Care

No regular aesthetic care is required for this product

Maintenance

A regular maintenance program is the most efficient method of ensuring longer term operational efficiency of the selected valve. Such a program would need to include a risk assessment and a planned procedure of how the maintenance will be carried out. The possibility of operational limits being exceeded and the potential hazards ensuring must be considered as part of this assessment. This should be implemented to include visual checks on the valve's condition and any development of unforeseen conditions, which could lead to failure. The correct fitting tools and equipment should be used for valve maintenance work. Separate means of draining the pipe work must be provided when carrying out any maintenance to valves. Where there may be any system debris this could be collected and /or filtered by installation of the appropriate protective device.

For further help please contact your local engineer.

If your product is under warranty please contact the Service Support Team on: 0800 1560050

Regulations

Regulations

THE PRESSURE EQUIPMENT DIRECTIVE 97/23/EC and CE MARKING

The Pressure Equipment Regulations 1999 (SI 1999/2001) have now been introduced into United Kingdom law.

Valves with a maximum allowable pressure greater than 0.5 bar are covered by these new Regulations. Valves are categorised according to their maximum working pressure, size and rising level of hazard. The level of hazard varies according to the fluid being carried. Fluids are classified as Group 1, dangerous fluids or Group 2, all other fluids including steam. The Categories designated are SEP (sound engineering practice). Valves up to and including 25mm (1") are designated SEP regardless of the fluid group. Those identified as having increased hazard are Categorised as, I, II, III or IV. All valves designated as SEP do not bear the CE mark nor require a Declaration of Conformity. Categories I, II, III or IV carry the CE mark and require a Declaration of Conformity. Valves classified from the piping chart would not be included in Category IV.

Size	Pattern No.	Code	PED	Categorisation
1/2"	10751PT (Blue Handle)	101070	SEP	
3/4"	10751PT (Blue Handle)	101071	SEP	
1"	10751PT (Blue Handle)	101072	SEP	
1.1/4"	10751PT (Blue Handle)	101073	SEP	
1.1/2"	10751PT (Blue Handle)	101074	SEP	
2"	10751PT (Blue Handle)	101075	SEP	
2.1/2"	10751PT (Blue Handle)	101076	SEP	
3"	10751PT (Blue Handle)	101077	SEP	
1/2"	10751 (Red Handle)	10110	-	
3/4"	10751 (Red Handle)	10111	-	
1"	10751 (Red Handle)	10112	-	
1.1/4"	10751 (Red Handle)	10113	-	
1.1/2"	10751 (Red Handle)	10114	-	
2"	10751 (Red Handle)	10115	-	
2.1/2"	10751 (Red Handle)	10116	-	
3"	10751 (Red Handle)	10117	-	

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Materials

Component	Material
Hand Wheel Nut	CW614N
Name Plate	Aluminium
Hand Wheel	Aluminium Alloy
Stem	CW602N
Packing Nut	CW614N
Gland Ring	CW617N

Component	Material
Stem Bush	CW602N
Bonnet	CC491K
Body	CC491K
Wedge	CC491K

Technical Suitability

Steam	Water	Oil	Air	Gas	Inert Gas	Combustible†	Gas Corrosive††	Gas Oxygen
yes	yes	yes	yes	no	no	no	no	no

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Gas application guide

Class 1. INERT Air, argon, carbon dioxide, helium, nitrogen

Class 2. COMBUSTIBLE Hydrogen, methane, natural gas, town gas

Class 3. CORROSIVE Chlorine, sulphur dioxide Class 4. OXYGEN

Class 1. INERT Air, argon, carbon dioxide, helium, nitrogen

† Valves are suitable for British Gas Applications Family Gases 1, 2 and 3.

†† Suitable in applications where moisture is completely absent.