

FEATURES

- BS 5154 PN32 Series B.
- Non-rising stem.
- Gunmetal wedge, head, stem and stem ring.
- High quality PTFE packing.
- BS 21 Taper Thread.
- ANSI (NPT) American Taper Thread (AT).
- ISO 228 Parallel Thread.

RANGE

Patt. No.	Sizes					
	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
1072	•	•	•	•	•	•
1072AT	•	•	•	•	•	•
1072PT	•	•	•	•	•	•

DIMENSIONS

Patt. No.	Sizes					
	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
A Face to Face	64	65	75	90	97	105
B Height	100	110	130	145	165	200
C H'wheel Diam.	70	75	85	95	120	120
Weight kg	0.47	0.69	1.02	1.57	2.44	3.43

FLOW RATES*

Patt. No.	Sizes					
	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Cv	16.4	37.4	66.7	105.3	150.9	269.1
Kv	14.0	32.0	57.0	90.0	129.0	230.0
Kv GAS	9.3	18.6	25.3	50.0	65.5	116.6

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

*Kv – flow rate in m³ per hour at a pressure drop of 1 bar.

*Kv Gas – flow rate in m³ per hour at a pressure drop of 1 mbar.

MAXIMUM PRESSURE CONDITIONS

Size	Maximum Pressure Conditions (bar)		Test Pressures (bar)	
	Temperatures up to 100°C	Temperatures up to 198°C	Shell	Seat
1/2" to 2"	32.0	14.5	48.0	35.2
Size	Maximum Pressure Conditions (psi)		Test Pressures (psi)	
	Temperatures up to 212°F	Temperatures up to 389°F	Shell	Seat
1/2" to 2"	464.1	210.3	696.2	510.5

SUITABLE FOR

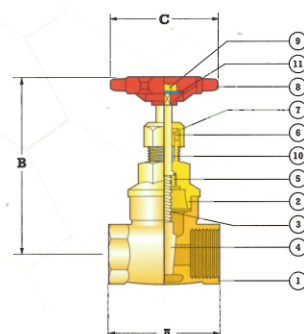
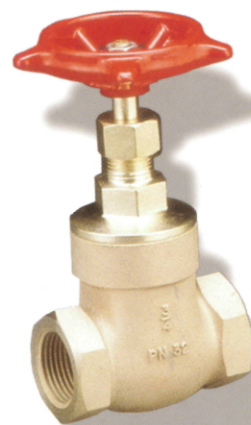
Steam	Water	Oil	Air	Gases			
✓	✓	✓	✗	Inert	Combustible	Corrosive	Oxygen
				✗	✗	✗	✗

Special test required for air or gas.

PRESSURE EQUIPMENT DIRECTIVE CATEGORY

Sizes					
1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
SEP	SEP	SEP	SEP	SEP	SEP

1072



MATERIAL SPECIFICATION

No.	Component	Material
1	Body	Gunmetal
2	Bonnet	Gunmetal
3	Stem	Gunmetal
4	Wedge	Gunmetal
5	Stem Ring	Gunmetal
6	Gland	Brass Bar
7	Gland Nut	Brass Bar
8	Handwheel	Aluminium
9	Handwheel Nut	Brass Bar
10	Gland Packing	PTFE
11	Rating Disc	Aluminium

PRESSURE & TEMPERATURE RATINGS

