

Bronze Swing Check Valve - PN25 - NPT

Integral Bronze Seat, Screwed NPT Female BS21.

Minimum Operating Conditions

Sizes 1/2" to 1" require 0.5 bar (7.25psi) minimum line pressure with a differential pressure of 1 to 1.5psi to allow the valve to open and close.

Maximum Pressure Conditions

	Max Pressure Conditions (bar)		Test Pressures (bar)	
	Temperatures up to 100°C	Temperatures up to 186°C	Shell	Seat
1/2" - 2"	25.0	10.5	37.5	27.5

Pressure Equipment Directive Category

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

Category 2 carries CE mark.

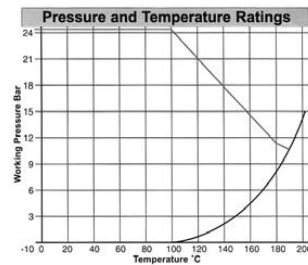
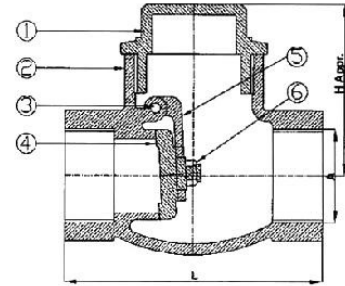
Flow Rates

	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Kv	6.26	11.13	17.38	28.48	44.51	69.53

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

Material List

Part No.	Qty.	Description	Material	Specification
1	1	Bonnet	Bronze	BS 1400 LG2
2	1	Body	Bronze	BS 1400 LG2
3	1	Hinge Pin	Brass	CZ114 OF BS 2872 / 2874
4	1	Disc	Bronze	BS 1400 LG2
5	1	Lever	Bronze	BS 1400 LG2
6	1	Nut	Brass	CZ114 OF BS 2872 / 2874



Dimensions

Size	A	L	H
15	1/2" NPT	60	47
20	3/4" NPT	70	51
25	1" NPT	80	55
32	1 1/4" NPT	95	63
40	1 1/2" NPT	110	67
50	2" NPT	125	82