

MXT-3257505

Merxtrade B.V.

# Bronze Swing Check Valve - PN25 Seat metal/metal



## Integral Bronze Seat, Screwed BSPP Female BS21.

## Minimum Operating Conditions

Sizes  $\frac{1}{2}$ " 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.

Maxim	um Pressure	Conditions		
	Max Pressure O	Conditions (bar)	Test Pressur	es (bar)
	Temperatures up to 100°C	Temperatures up to 186°C	Shell	Seat
1/2" - 4"	25.0	10.5	37.5	27.5

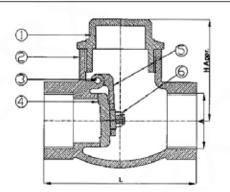
Pressu	re Equipn	nent Direo	tive Cate	jory		
1/2"	3/4"	1"	<b>1</b> <sup>1</sup> / <sub>4</sub> "	<b>1</b> <sup>1</sup> / <sub>2</sub> "	2"	
SEP	SEP	SEP	SEP	SEP	SEP	
Category	2 carries CE	mark.				

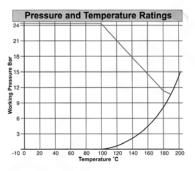
### Flow Rates

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	<sup>1</sup> /2"	3/4"	1"	<b>1</b> <sup>1</sup> /4"	1 <sup>1</sup> / <sub>2</sub> "
Kv	6.26	11.13	17.38	28.48	44.51
	2"	21⁄2"	3"	4"	
Kv	69.53	117.50	178.02	твс	

\*Kv - flow rate in m<sup>3</sup> 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	А	L	н		
15	1/2" BSP	60	47		
20	3/4" BSP	70	51		
25	1" BSP	80	55		
32	11/4" BSP	95	63		
40	11/2" BSP	110	67		
50	2" BSP	125	82		
65	21/2" BSP	161	103		
80	3" BSP	180	112		
100	4" BSP	216	133		

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