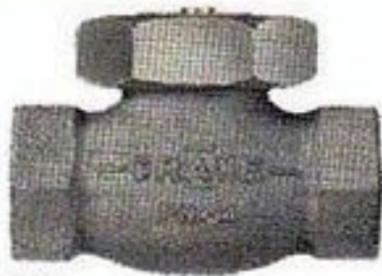


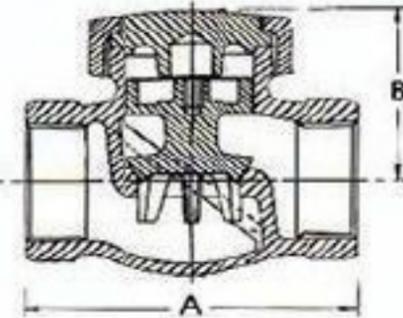
CRANE

PN 64

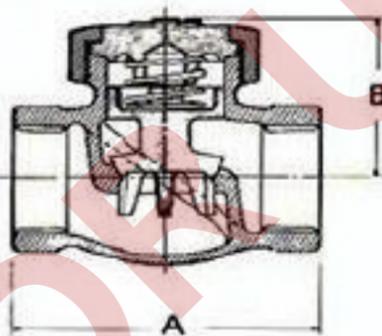
D122  
D132



D 122



D 132



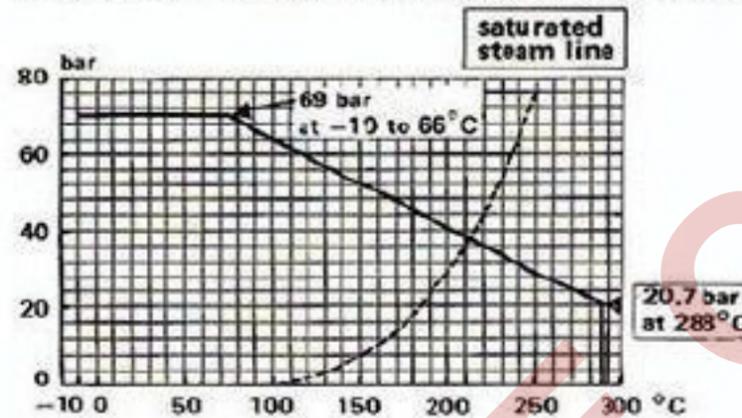
# Bronze Check Valves

Threaded BS 21 or ANSI B1.20.1

LIFT TYPE WITH DASHPOT  
REGRINDABLE METAL DISK AND SEAT  
UNION CAP

## PRESSURE/TEMPERATURE RATINGS

(For equivalent ratings in Imperial units see graph on page 85)



## TESTING

Each valve hydrostatically tested: Body – 103 bar; seat – 69 bar.

## SPECIFICATION

D 122 – Sizes  $\frac{3}{8}$  to 2 – Threaded BS 21 (ISO 7) taper.

D 132 – As D 122 but fitted with light phosphor bronze spring to keep valve normally closed when used on air or gas lines.

Valves having PN 64 ratings are not specified in BS 5154. D 122 and D 132 valves meet the requirements of BS 5154 in respect to materials, design and method of manufacture as far as applicable.

Design incorporates a dashpot between the bronze disk and the cap. The body seat is integral.

Valves detailed on this page are expressed in metric terms. They are suitable for use in Class 300 imperial systems at the following ratings:—

1000 lbf/in<sup>2</sup> CWP 300 lbf/in<sup>2</sup> at 550°F.

Valves having ANSI threads generally conform to MSS.SP-80.

(See page 13).

## MATERIALS

Part	Material	BS	ASTM
Body	No. 4 Bronze	BS 1400-LG2	B 62 Alloy 836
Cap $\frac{3}{8}$ & $\frac{1}{2}$	Manganese Bronze	BS 2874 CZ 114	B 138 Alloy 675
$\frac{3}{4}$ to 2	No. 4 Bronze	BS 1400-LG2	B 62 Alloy 836
Union Ring	No. 4 Bronze	BS 1400-LG2	B 62 Alloy 836
Disk $\frac{3}{8}$	Aluminium Bronze	BS 2874 CA 103	B 150 Alloy 630
$\frac{1}{2}$ to 2	No. 4 Bronze	BS 1400-LG2	B 62 Alloy 836

SIZE in	DIMENSIONS mm		in		WEIGHT kg
	A	B	A	B	
$\frac{3}{8}$	55	33	2.19	1.32	0.32
$\frac{1}{2}$	65	37	2.56	1.46	0.47
$\frac{3}{4}$	75	47	3.00	1.88	0.76
1	89	52	3.50	2.06	1.20
1 $\frac{1}{4}$	103	60	4.06	2.38	1.88
1 $\frac{1}{2}$	117	65	4.63	2.56	2.56
2	146	81	5.75	3.19	4.55

## SPECIFICATION ADDITIONS OR VARIATIONS

Ends threaded ANSI B1.20.1, specify Cat.No. D122AT or D132AT.