

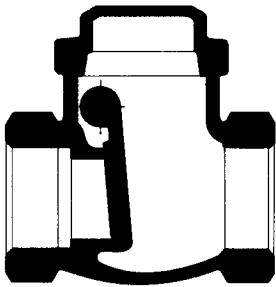
BRASS SWING CHECK VALVE METAL TO METAL SEATING

SWING TYPE - HORIZONTAL OR VERTICAL FIXING
SCREWED BONNET

SERVICE RECOMMENDATIONS:

The CIM 80 valve is manufactured in accordance with BS 5154/B - PN 16 and can be used for: heating, sanitary, pneumatic systems, waterworks, autoclaves, pumps, hydrocarbons, saturated steam.

It is suitable for installation either in vertical or horizontal pipelines to allow flow in one direction.



- Body Cast Brass
- Bonnet Forged Brass
- Packing IT 200
- Swing Disc Forged Brass
- Spindle Brass Bar

MATERIALS - MAIN FEATURES:

All sizes have an integral metal seat and swing type metal disc which opens under pressure.

The swing disc is one piece for low pressure drop and water-hammer resistance.

An arrow on the body indicates direction of flow.

Body: cast brass 60/40.

Bonnet: hot forged brass Cu Zn40 Pb2.

Packing: IT 200 to DIN 3754 is suitable to a maximum temperature of 300°C (572°F).

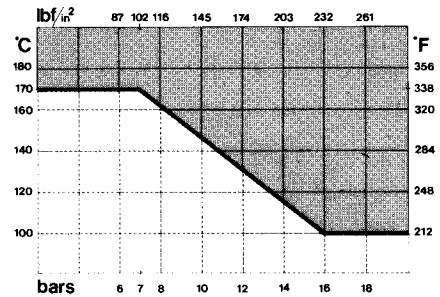
Swing disc: hot forged brass bar Cu Zn40 Pb2.

Threading: female parallel threads to BS 2779 - ISO 228/1°G or American NPT threads ANSI B1.20.1 available on request.

Hydrostatic test pressures: Shell 25 bar (355 psi)
Seat 18 bar (258 psi)



PRESSURE/TEMPERATURE RATINGS



Cold Service:

16 bar at -10 to 100°C - 232 lbf in² at 0 to 212°F

Saturated Steam:

7 bar at 170°C - 102 lbf. in² at 338°F

Nom. size	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
Grms.	170	230	340	485	725	880	1450	2115	3240	5650
B	38	42	45	52	60	61	70	86	94	115
C	47	52	61	70	84	88	104	120	138	172
D	9	11	13	14	16	16	18	21	21	23
CH1	25	28	35	42	50	57	70	85	100	126
CH2	19	21	26	32	37	42	52	65	75	89

