

CIM *77PN16

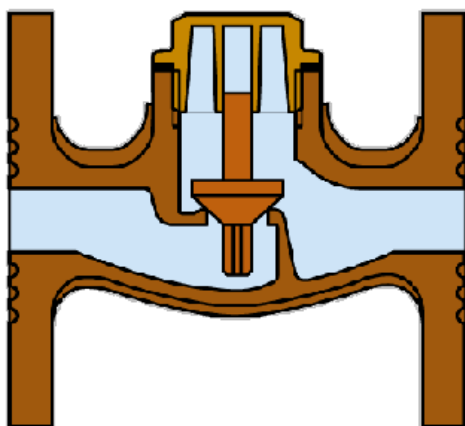
FLANGED BRONZE LIFT CHECK VALVE METAL TO METAL SEATING - PN 16 - DRILLED



SERVICE RECOMMENDATIONS:

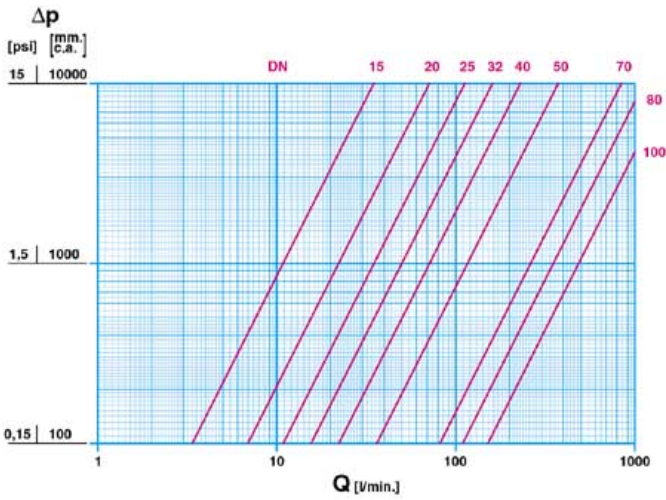
The CIM 77 flanged check valve is manufactured in accordance with BS 5154/B - PN 16 and EN ISO 9002 and can be used for: heating, sanitary, pneumatic systems, waterworks, autoclaves, pumps, hydrocarbons, saturated steam. It is suitable where horizontal installation is required to allow flow in one direction at the specified pressure.

CROSS SECTION



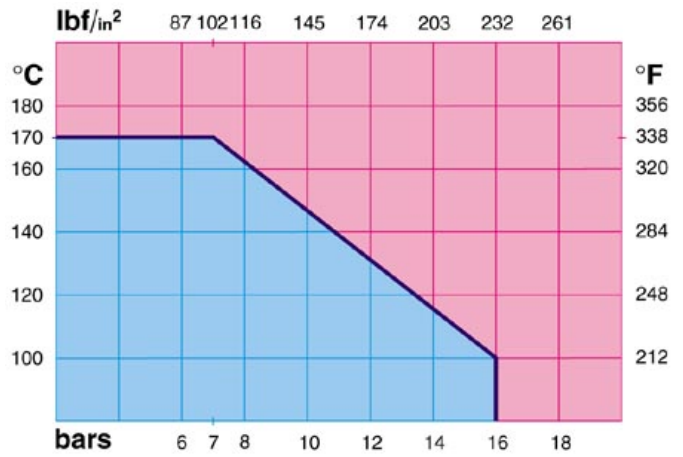
BODY :	CAST BRONZE UNI 7013-8°-ISO 1338
BONNET :	HOT FORGED BRASS EN12165 CW 617N
BODY PACKING :	NA 1100
INNER VALVE :	HOT FORGED BRASS EN12165 CW 617N

FLOW AND PRESSURE DROP



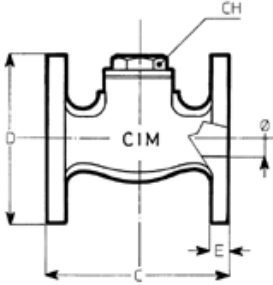
Flow and pressure drop
 1 l/min = 0,06 m³/h
 1 m³/h = 16,67 l/min

PRESSURE TEMPERATURE RATINGS



Pressure / temperature ratings
 1 bar = 14,5 p.s.i.
 $^{\circ}\text{C} = 5/9 (^{\circ}\text{F} - 32)$
 $^{\circ}\text{F} = 32 + 9/5 ^{\circ}\text{C}$

TECHNICAL DRAWING



DN	1/2	3/4	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
Ø mm.	15	20	25	32	40	50	70	80	100
Grms.	1220	1650	2330	3450	4430	5750	8050	10270	16140
C	84	95	105	115	134	154	170	180	200
D (PN 6)	70	85	100	110	120	140	185	200	230
D (PN 10)	95	105	120	140	150	165	185	200	230
E	8	8	9,5	9,5	11	11	12	13	17
CH	19	22	28	37	40	48	65	75	85

Connection:
 Flanged to UNI 2223/ PN 6 10 16

On request:
 BS table F-D-E
 ANSI B16.5 150

TECHNICAL CHARACTERISTICS

KV

DN	1/2	3/4	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
Ø mm.	15	20	25	32	40	50	70	80	100
KV	2,0	4,2	6,4	9	14	22	49	66	90

KV = Capacity in m³/h at pressure drop of 1 bar

KVS = Water flow generated by a pressure loss of 1 bar measured on the test points.