

CIM 82PN16

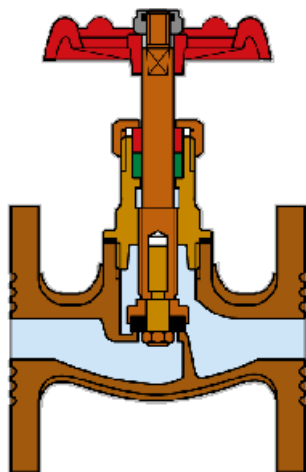
FLANGED BRONZE GLOBE VALVE P.T.F.E. DISC - PN 16



SERVICE RECOMMENDATIONS:

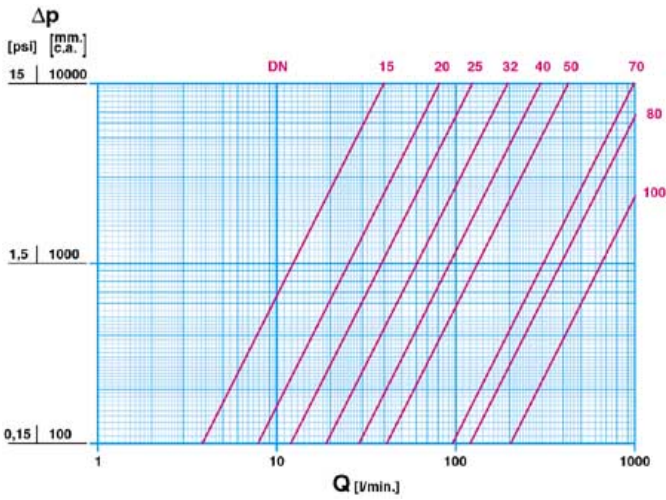
The CIM 82 flanged globe valve is manufactured in accordance with BS 5154/B - PN 16 and EN ISO 9002 and can be used in a wide range of plants, in any industrial and agricultural application: heating plants, sanitary systems, plumbing services, waterworks, steam, gasoline networks, petroleum and other hydrocarbons where fine regulation is required.

CROSS SECTION



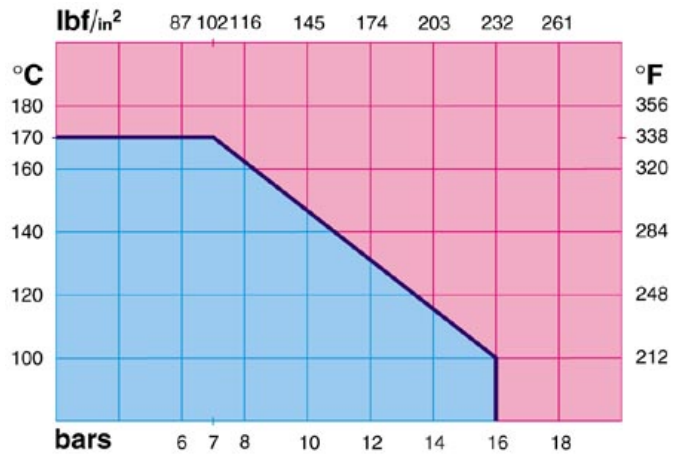
BODY :	CAST IN BRONZE UNI 7013-8°-ISO 1338
BONNET :	HOT FORGED BRASS EN12165 CW 617N
STEM :	MACHINED FROM DRAWN BRASS BAR EN12164 CW 614N
GLAND NUT :	MACHINED FROM DRAWN BRASS BAR EN12164 CW 614N
GLAND :	MACHINED FROM DRAWN BRASS BAR EN12164 CW 614N
GLAND PACKING :	AF 15/MA
BODY PACKING :	NA 1100
DISC HOLDER :	MACHINED FROM DRAWN BRASS BAR EN12164 CW 614N
DISC :	P.T.F.E.
DISC NUT :	MACHINED FROM DRAWN BRASS BAR EN12164 CW 614N
NUT :	SELF LOCKING TYPE
HANDWHEEL :	ALLUMINIO AL/SI 12

FLOW AND PRESSURE DROP



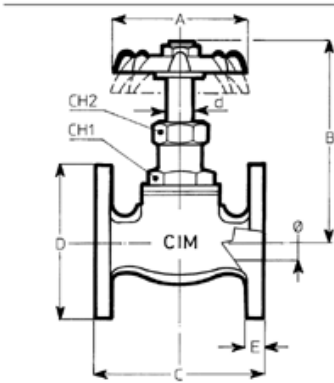
Flow and pressure drop
 1 l/min = 0,06 m³/h
 1 m³/h = 16,67 l/min

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.	1250	1710	2295	3315	4625	6000	8840	11500	17860
A	55	55	65	65	80	80	120	120	175
B	98	108	120	130	155	165	210	265	305
C	84	95	105	115	134	156	170	180	200
D (PN 10)	95	105	120	140	150	165	185	200	230
E	8	8	9,5	9,5	11	11	13	13	17
CH1	23	23	28	33	37	46	55	63	80
CH2	18	18	21	23	25	27	37	39	50
d	8	8	9	9	10	10	16	19	22

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	2,3	4,8	7	11	17	25	57	72	120

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.