



CHRYSSAFIDIS

valve  
**cimberio**

**CIM 81L**

ΜΠΡΟΥΤΖΙΝΟΙ ΑΤΜΟΦΡΑΚΤΕΣ

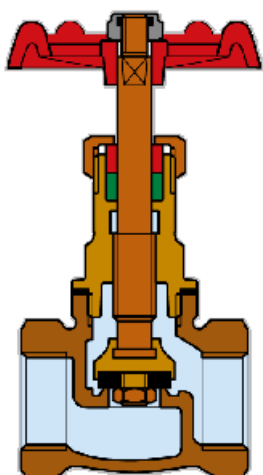
**BRONZE GLOBE VALVE P.T.F.E. DISC - COMPACT TYPE**



**SERVICE RECOMMENDATIONS:**

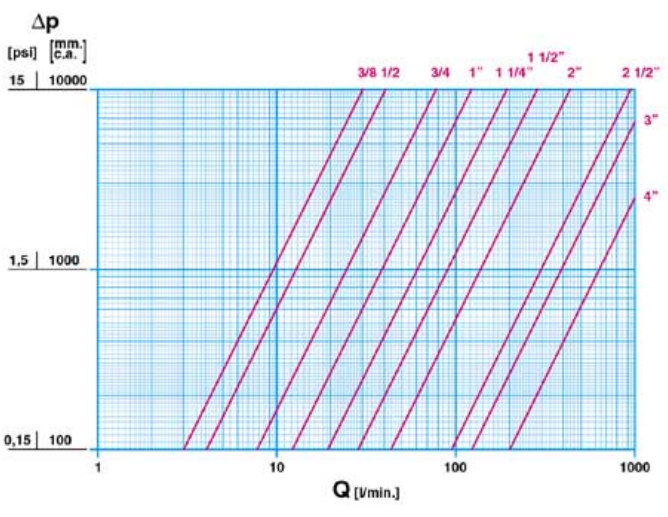
The CIM 81/L globe valve is manufactured in accordance with BS 5154/B - PN 16 and EN ISO 9002 and can be used in a wide range of plants, in any industrial and agricultural application: heating plants, sanitary systems, plumbing services, waterworks, steam, gasoline networks, petroleum and other hydrocarbons where fine regulation is required.

**CROSS SECTION**



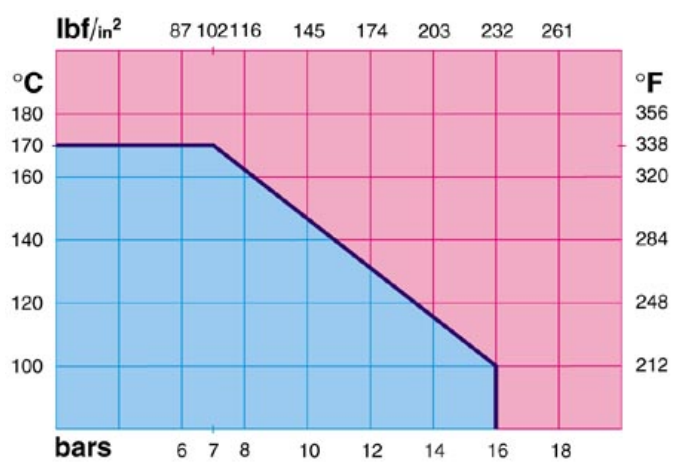
BODY :	CAST IN BRONZE UNI 7013-8°-ISO 1338
BONNET :	HOT FORGED BRASS EN12165 CW 617N
STEM :	MACHINED FROM DRAWN BRASS BAR EN12164 CW 614N
GLAND NUT :	MACHINED FROM DRAWN BRASS BAR EN12164 CW 614N
GLAND :	MACHINED FROM DRAWN BRASS BAR EN12164 CW 614N
GLAND PACKING :	AF 15/MA
BODY PACKING :	NA 1100
DISC 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



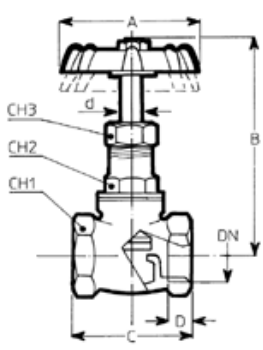
Flow and pressure drop  
 1 l/min = 0,06 m<sup>3</sup>/h  
 1 m<sup>3</sup>/h = 16,67 l/min

## 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	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
Grms.	225	295	415	640	950	1225	1860	3950	5265	10690
A	50	55	60	65	65	75	80	120	120	175
B	80	85	95	105	125	150	165	225	255	320
C	45	50	61	70	85	90	110	135	146	190
D	9	11	13	14	16	16	18	21	21	23
CH1	25	29	35	42	51	58	70	88	100	129
CH2	21	23	23	26	33	37	46	55	63	80
CH3	17	18	18	21	23	25	27	37	39	50
d	8	8	8	9	9	10	10	16	19	22

Connection:  
 ISO 228

On request:  
 ANSI B.1.20.1 (NPT)

## TECHNICAL CHARACTERISTICS

### KV

DN	3/8	1/2	3/4	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
KV	1,8	2,3	4,8	7	11	17	25	57	72	120

KV = Capacity in m<sup>3</sup>/h at pressure drop of 1 bar

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

