

# Cim 81

## BRONZE GLOBE VALVE PTFE DISC - PN 20



This article was made in compliance with the quality management requirements of ISO 9001 standard. All articles are tested according to the EN 12266-1 standard.

It can be used in a wide variety of sectors and in any industrial or agricultural application where a regulation is required: heating, water, sanitary systems, pneumatic systems, saturated steam, oil, gasoline and other hydrocarbons and generally with any non corrosive liquid.

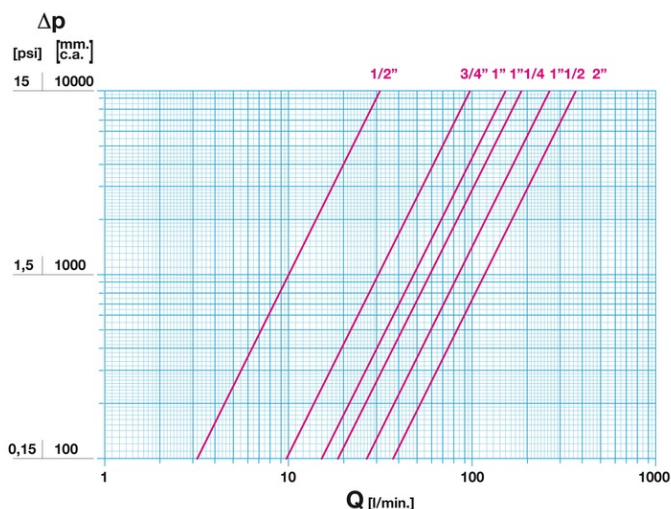
It is guaranteed for 5 years.

It is made of a bronze alloy that complies with standard EN 1982-CC491K.

Nominal Pressure: PN 20

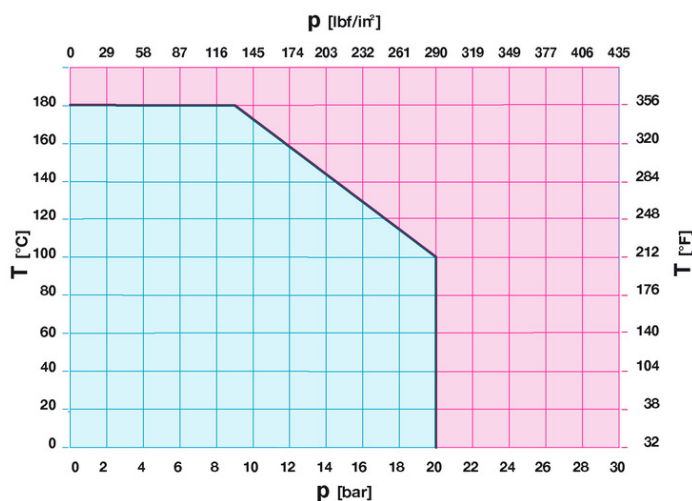
Operating temperature: -10 ÷ 180°C

## FLOW AND PRESSURE DROP



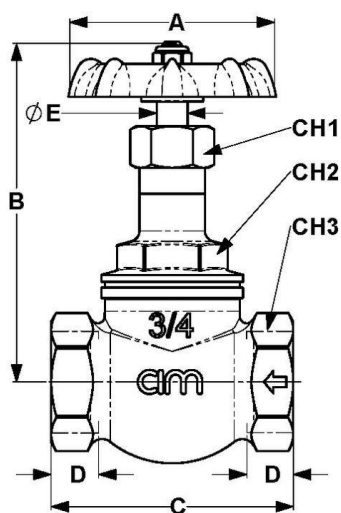
Notes:  
1 l/min = 0,06 m3/h  
1 m3/h = 16,67 l/min  
1 bar = 10.000 mm w.c.  
1 psi = 690 mm w.c.

## PRESSURE TEMPERATURE RATINGS



Notes:  
1 bar = 14,5 psi  
1 bar = 14,5 lbf/in2  
°C = 5/9 x (°F-32)  
°F = 32 + (9/5 x °C)

## TECHNICAL DRAWING



DN	1/2"	3/4"	1"	1"1/4	1"1/2	2"
<b>Grms.</b>	<b>380</b>	<b>620</b>	<b>900</b>	<b>1130</b>	<b>1640</b>	<b>3000</b>
A	55	60	65	75	80	90
B	88	98,5	112,5	132	138,5	154
C	60	70	84	92	107	126
D	12	12	14	17	19	17,5
CH	29	35	44	52	59	72
CH1	23	28	33	37	45	54
CH2	18	21	23	25	27	33

Thread:  
ISO 228

Upon request:  
ANSI B.1.20.1 - NPT

## TECHNICAL CHARACTERISTICS

KV						
DN	1/2"	3/4"	1"	1"1/4	1"1/2	2"
KV	1,9	5,8	9	11	16	22

KV = Flow rate in m<sup>3</sup>/h with a pressure drop of 1 bar

### REACH Regulation

According to article 33 of REACH Regulation, we inform you that the components made of bronze and brass alloys that are parts of the articles we supply, contain the lead (as alloy component) in a higher quantity of the limit of 0,1% in weight. Lead has been inserted in the list of SVHC substances nominated for the authorisation process, in the updating published by the European Chemical Agency ECHA on 27th June 2018. Lead has been introduced with the following information:

- Substance: Lead
- CAS: 7439-92-1
- EC: 231-100-4
- List: SVHC
- Data of Inclusion: 27<sup>th</sup> June 2018

Since lead is an element of the alloy, no exposure is expected and consequently, no further information is requested for the safe use of this product.

The list is available at the following link: <https://echa.europa.eu/it/candidate-list-table> and since it is a continuously updated list, we declare the constant monitoring about insertion of new substances and the prompt on time information to our customers in case such substances should be contained in the products we supply.

Make sure product materials and features are suitable for system scope and conform to the local regulations in force

## OUR CERTIFICATIONS

