

## BRONZE LIFT CHECK VALVE METAL TO METAL SEATING



This article was made in compliance with the quality management requirements of standard ISO 9001:2008. All articles are tested according to the standard EN 12266-1:2003. It is used in a wide variety of sectors for non-return piping systems: heating, drinking water, air conditioning, sanitary systems and generally with any non corrosive liquid.

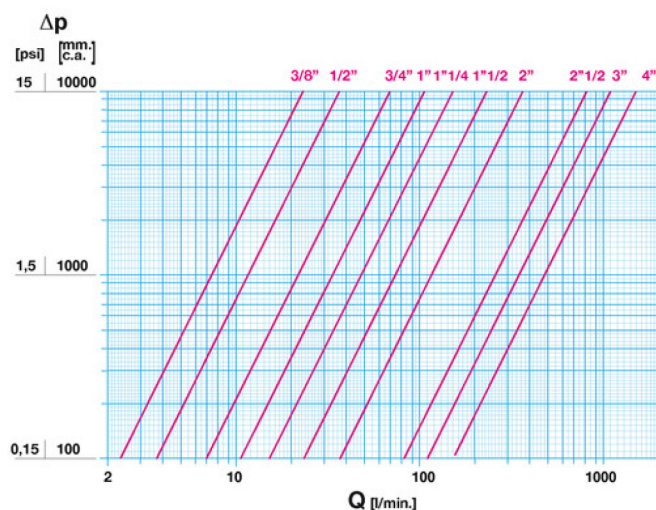
It is guaranteed for 5 years.

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

Nominal Pressure: PN16

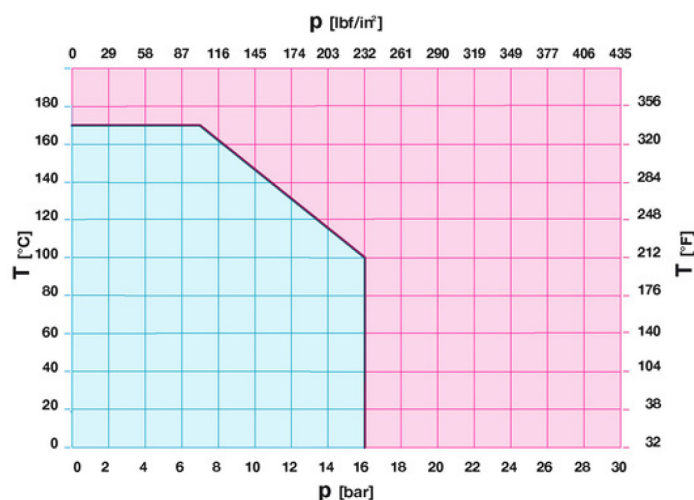
Operating temperature: -10 ÷ 170°C

### FLOW AND PRESSURE DROP



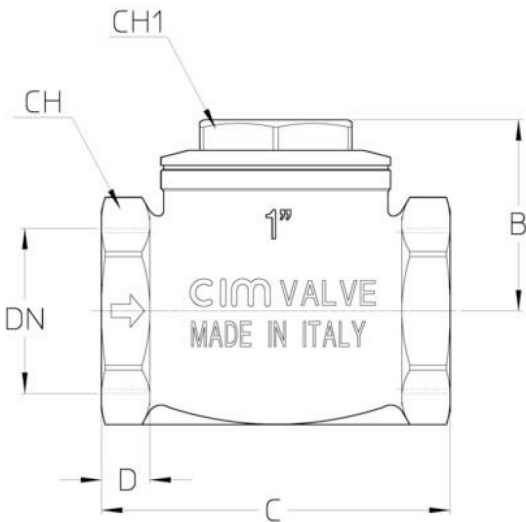
Notes:  
 1 l/min = 0,06 m3/h  
 1 m3/h = 16,67 l/min  
 1 bar = 10.000 mm w.c.  
 1 psi = 690 mm w.c.

### PRESSURE TEMPERATURE RATINGS



Notes:  
 1 bar = 14,5 psi  
 1 bar = 14,5 lbf/in2  
 $^{\circ}\text{C} = \frac{5}{9} \times (^{\circ}\text{F} - 32)$   
 $^{\circ}\text{F} = 32 + \left(\frac{9}{5} \times ^{\circ}\text{C}\right)$

TECHNICAL DRAWING



| DN           | 3/8"       | 1/2"       | 3/4"       | 1"         | 1"1/4      | 1"1/2       | 2"          | 2"1/2       | 3"          | 4"          |
|--------------|------------|------------|------------|------------|------------|-------------|-------------|-------------|-------------|-------------|
| <b>Grms.</b> | <b>160</b> | <b>220</b> | <b>335</b> | <b>510</b> | <b>840</b> | <b>1035</b> | <b>1730</b> | <b>3300</b> | <b>4250</b> | <b>8500</b> |
| B            | 29         | 30         | 35         | 41         | 49         | 56          | 63          | 74          | 88          | 110         |
| C            | 45         | 50         | 60         | 70         | 85         | 90          | 110         | 135         | 148         | 190         |
| D            | 9          | 11         | 12         | 14         | 16         | 16          | 18          | 23          | 22          | 23          |
| CH           | 25         | 29         | 35         | 42         | 51         | 58          | 70          | 88          | 100         | 129         |
| CH1          | 17         | 19         | 22         | 28         | 37         | 40          | 48          | 65          | 75          | 85          |

Thread:  
ISO 228

Upon 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 | 1,4  | 2    | 4,2  | 6,4 | 9     | 14    | 22 | 49    | 66 | 90 |

KV = Flow rate in m³/h with a pressure drop of 1 bar

OUR CERTIFICATIONS

