

Cim 12

FULL BORE BALL VALVE - T12 SERIES - ALUMINIUM LEVER HANDLE



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 can be used in a wide variety of sectors: heating, air conditioning, water, sanitary systems, pneumatic systems, oil pipelines, gasoline networks, saturated steam and generally with any non corrosive liquid.

It is guaranteed for 5 years.

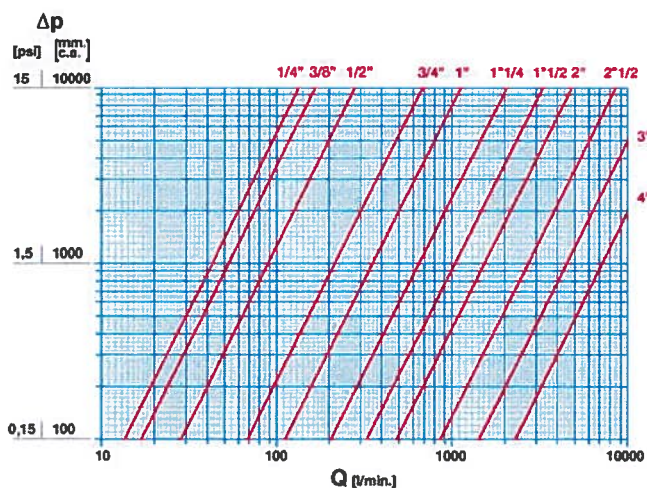
It is made of a brass alloy that complies with standard EN 12165-CW617N-M.

Nominal Pressure:

PN 80 (1/4" ÷ 1/2"); PN 50 (3/4" ÷ 1"); PN 40 (1"1/4); PN 32 (1"1/2 ÷ 2"); PN 20 (2"1/2 ÷ 4")

Operating temperature: -20 ÷ 150°C

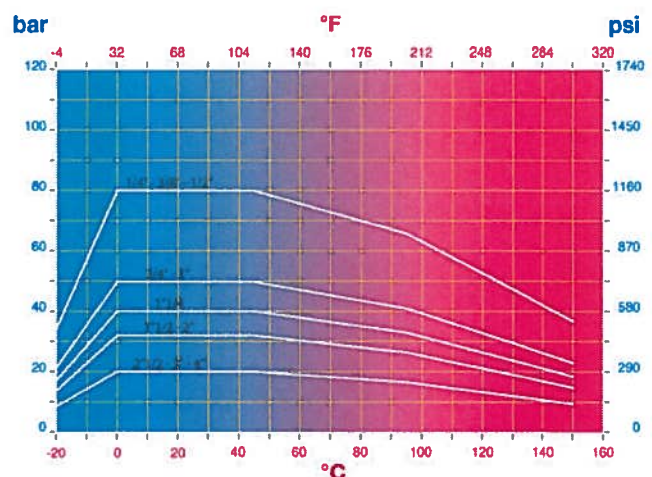
FLOW AND PRESSURE DROP



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.

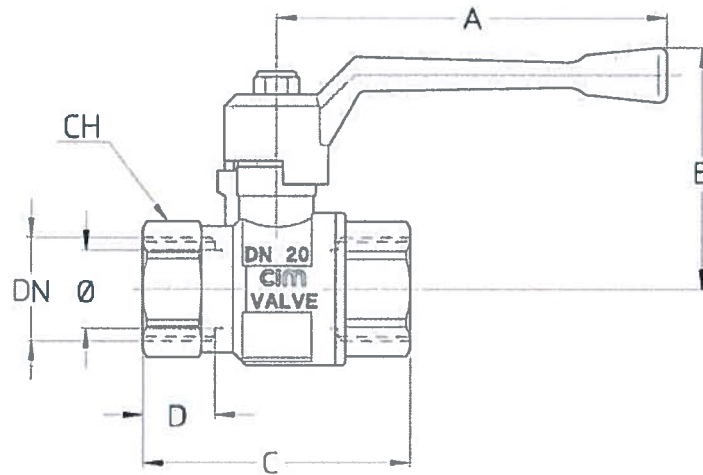
PRESSURE TEMPERATURE RATINGS



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 | 1/4" | 3/8" | 1/2" | 3/4" | 1" | 1"1/4 | 1"1/2 | 2" | 2"1/2 | 3" | 4" |
|--------------|------------|------------|------------|------------|------------|------------|-------------|-------------|-------------|-------------|--------------|
| Ø mm | 10 | 10 | 15 | 20 | 25 | 32 | 40 | 50 | 63 | 76 | 100 |
| Grms. | 115 | 120 | 220 | 360 | 590 | 915 | 1355 | 2060 | 4255 | 6210 | 10000 |
| A | 65 | 65 | 80 | 100 | 100 | 120 | 150 | 150 | 240 | 240 | 310 |
| B | 33 | 33 | 57 | 62 | 65 | 79 | 100 | 107 | 142,5 | 153,5 | 184,5 |
| C | 45 | 47 | 61 | 68 | 82 | 92 | 106 | 125 | 150,5 | 171 | 205 |
| D | 11,5 | 12,5 | 17 | 18,5 | 21 | 22,5 | 23 | 26,5 | 27 | 28 | 35 |
| CH | 18 | 20 | 25 | 31 | 40 | 49 | 55 | 69 | 86 | 100 | 123 |

Thread:
ISO 7 - Rp

Upon request:
ISO 7 - Rc
ANSI B1.20.1 - NPT

TECHNICAL CHARACTERISTICS

| KV CM CS MT | | | | | | | | | | | |
|-------------|------|------|------|------|----|-------|-------|-----|-------|-----|------|
| DN | 1/4" | 3/8" | 1/2" | 3/4" | 1" | 1"1/4 | 1"1/2 | 2" | 2"1/2 | 3" | 4" |
| Ø mm | 10 | 10 | 15 | 20 | 25 | 32 | 40 | 50 | 63 | 76 | 100 |
| KV | 8 | 10 | 17 | 41 | 68 | 123 | 198 | 290 | 520 | 850 | 1350 |
| CM | 1 | 1 | 3 | 5 | 6 | 7 | 10 | 13 | 16 | 20 | 30 |
| CS | 2 | 2 | 6 | 10 | 12 | 14 | 20 | 26 | 32 | 40 | 60 |
| MT | 10 | 10 | 10 | 24 | 24 | 45 | 90 | 90 | 280 | 280 | 550 |

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

CM = Operating torque in Nm.

CS = Starting torque in Nm.

MT = Stem breaking torque in Nm.

OUR CERTIFICATIONS

