

# BV620 Series

## BALL VALVE WITH STRAINER - T12 SERIES



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.

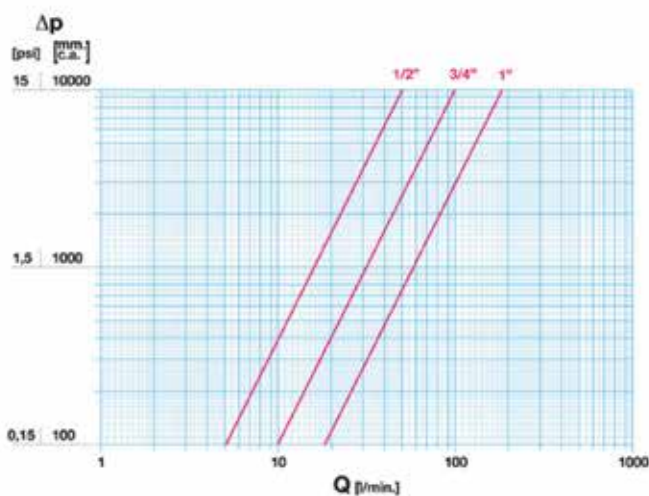
It is guaranteed for 5 years.

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

Nominal Pressure: PN32

Operating temperature:  $-20 \div 150^{\circ}\text{C}$

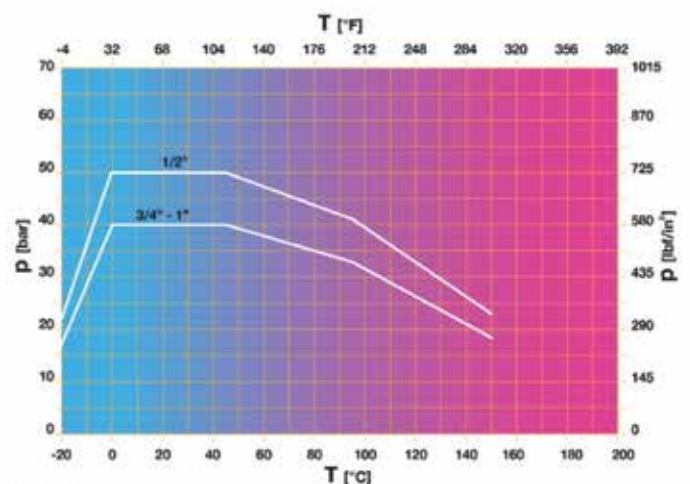
## FLOW AND PRESSURE DROP



Notes:

- 1 l/min = 0,06 m<sup>3</sup>/h
- 1 m<sup>3</sup>/h = 16,67 l/min
- 1 bar = 10.000 mm w.c.
- 1 psi = 690 mm w.c.

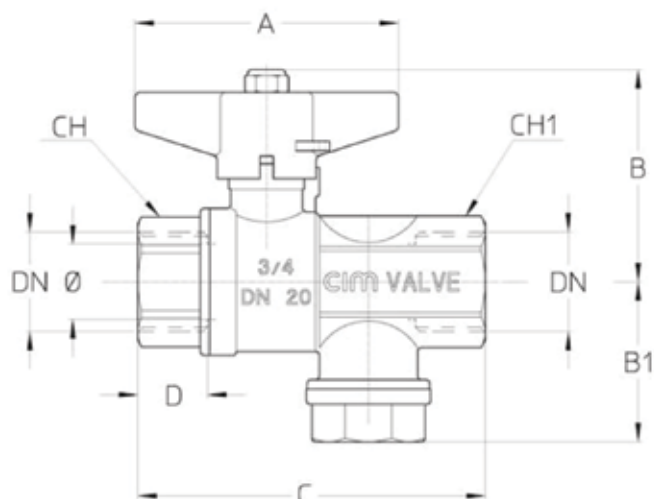
## PRESSURE TEMPERATURE RATINGS



Notes:

- 1 bar = 14,5 psi
- 1 bar = 14,5 lbf/in<sup>2</sup>
- $^{\circ}\text{C} = 5/9 \times (^{\circ}\text{F} - 32)$
- $^{\circ}\text{F} = 32 + (9/5 \times ^{\circ}\text{C})$

## TECHNICAL DRAWING



DN	1/2"	3/4"	1"
Ø mm	15	20	25
<b>Grms.</b>	<b>320</b>	<b>520</b>	<b>685</b>
A	50	70	70
B	52	56	60
B1	39	43	50
C	81	92	112
D	17	18,5	21
CH	25	31	40
CH1	25	31	38

Thread:  
ISO 7 - Rp

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

## TECHNICAL CHARACTERISTICS

KV CM CS MT			
DN	1/2"	3/4"	1"
Φ mm	15	20	25
KV	3	6	11
CM	3	5	6
CS	6	10	12
MT	10	24	24

KV = Capacity in m<sup>3</sup>/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

