

Cim 301/16

FULL BORE BALL VALVE - T16 SERIES - ALUMINIUM BUTTERFLY 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.

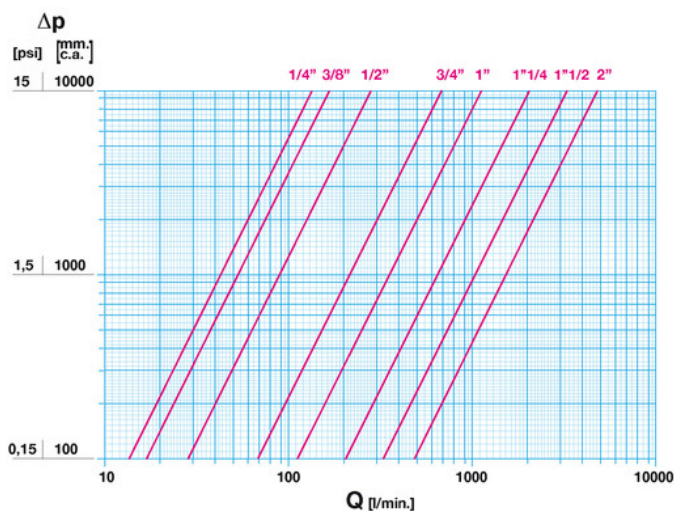
It is made of a brass alloy that complies with standard EN 12165-CW617N-M.

Nominal Pressure:

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

Operating temperature: -20 ÷ 150°C

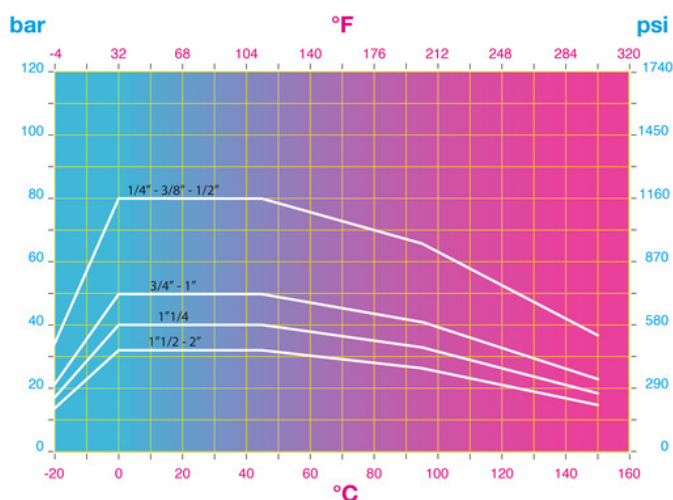
FLOW AND PRESSURE DROP



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.

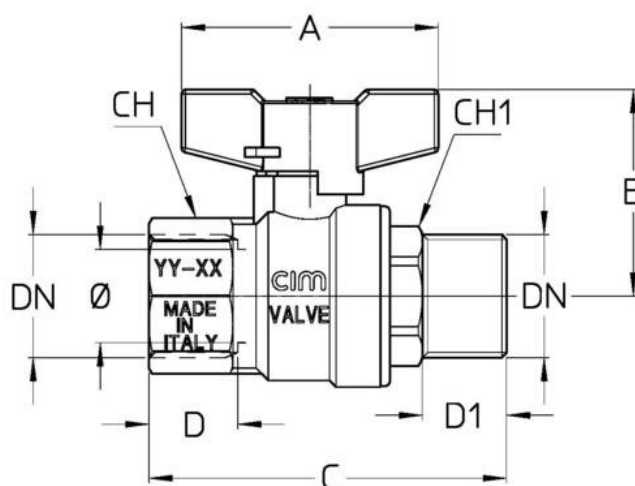
PRESSURE TEMPERATURE RATINGS



Notes:

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

TECHNICAL DRAWING



DN	1/4"	3/8"	1/2"	3/4"	1"	1"1/4	1"1/2	2"
Ø mm	10	10	15	20	25	32	40	50
Grms.	110	110	200	280	505	795	1150	1780
A	43	43	55	55	75	75	105	105
B	36	36	40	44	49,5	58,5	70	78
C	46	47	70	77	91	106	119	139
D	11,5	12,5	17,5	19	22	25	25	29
D1	12,5	12,5	17	18	21	25	26	26,5
CH	18	20	25	31	38	47	54	66
CH1	18	18	24	27	38	47	49,5	65

Female thread:

ISO 7 - Rp

Male thread: ISO 228

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"
Ø mm	10	10	15	20	25	32	40	50
KV	8	10	17	41	68	123	198	290
CM	1	1	1,5	2	4	5	8	11
CS	2	2	3	4	8	10	16	20
MT	10	10	24	24	26	26	88	88

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

