Cim 122

FLANGED FULL BORE BALL VALVE - PN 16 - CAST IRON

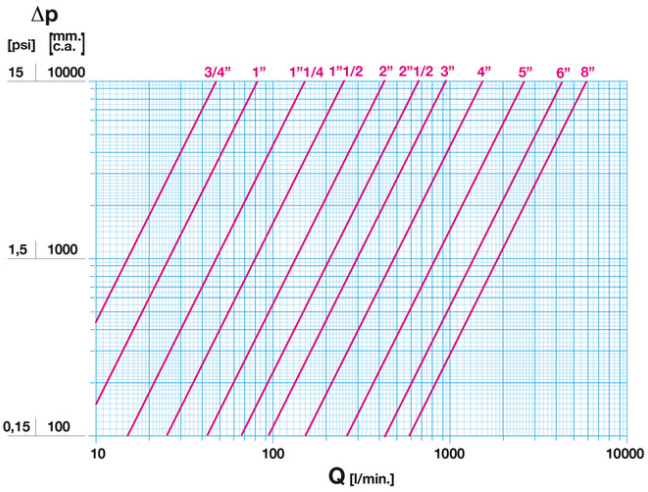
This article was made in compliance with the quality management requirements of ISO 9001 standard.
All articles are tested according to the EN 12266-1 standard.
It can be used in a wide variety of sectors: heating, air conditioning, water, sanitary systems, pneumatic systems and generally with any non corrosive liquid.
Not suitable for steam.

It is guaranteed for 2 years.

Product made of EN GJS 400-15 ductile iron for DN 20 - 150.
Product made of EN GJL 250 cast iron for DN 200.

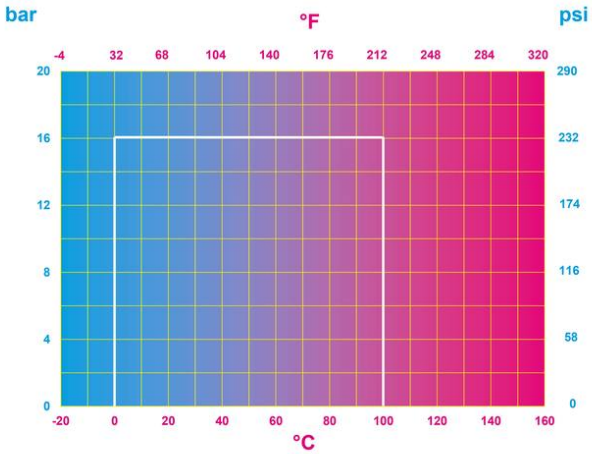
Nominal Pressure: PN16
Operating temperature: -10 ÷ 100°C

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)

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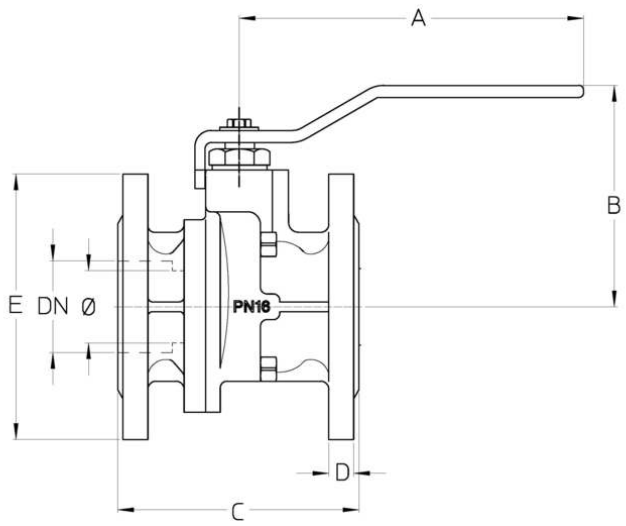
TECHNICAL DRAWING



DN	3/4''	1''	1''1/4	1''1/2	2''	2''1/2	3''	4''	5''	6''	8''
Ø mm	20	25	32	40	50	65	80	100	125	150	200
Grms.	**3300**	**4200**	**5800**	**7500**	**9000**	**10500**	**15500**	**18500**	**28000**	**38500**	**93000**
A	160	170	170	230	230	230	280	360	520	520	1000
B	84	96	101	125	135	143	165	180	225	243	320
C	120	125	130	140	150	170	180	190	200	210	400
D	15	15	15	15	16	16	18	19	20	20	25
E	105	115	140	150	165	185	200	220	250	285	340
Flange	PN 16/10	PN 16/10	PN 16/10	PN 16/10	PN 16/10	PN 16/10	PN 16/10	PN 16/10	PN 16/10	PN 16/10	PN 16

Flanging:
UNI EN 1092

Upon request:
BS 10 tables D - E - F
ANSI/ASME B16.5 Class 150

TECHNICAL CHARACTERISTICS

KV CM CS											
DN	3/4"	1"	1"1/4	1"1/2	2"	2"1/2	3"	4"	5"	6"	8"
Ø mm	20	25	32	40	50	65	80	100	125	150	200
KV	47,7	83,5	150,4	255	435	672	947	1508	2633	4261	5957
CM	15	18	18	18	20	40	70	100	180	250	600
CS	22,5	27	27	27	30	60	105	150	270	375	900

KV = Capacity in m^3/h at pressure drop of 1 bar.
CM = Operating torque in Nm.
CS = Starting torque in Nm.

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: 27th 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-tableand 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