

Cim 209MCR

FULL BORE BALL VALVE WITH COMPRESSION CONNECTIONS FOR COPPER PIPE - "CR" BRASS - T12 SERIES - STEEL LEVER HANDLE



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, oil pipelines, gasoline networks, saturated steam and generally with any non corrosive liquid.

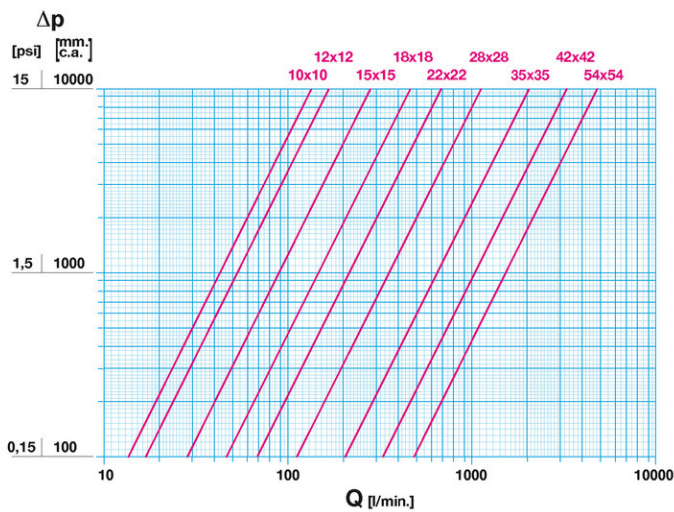
It is guaranteed for 5 years.

It is made of a brass alloy that complies with standard EN 12165-CW602N-M.

Nominal Pressure: PN16

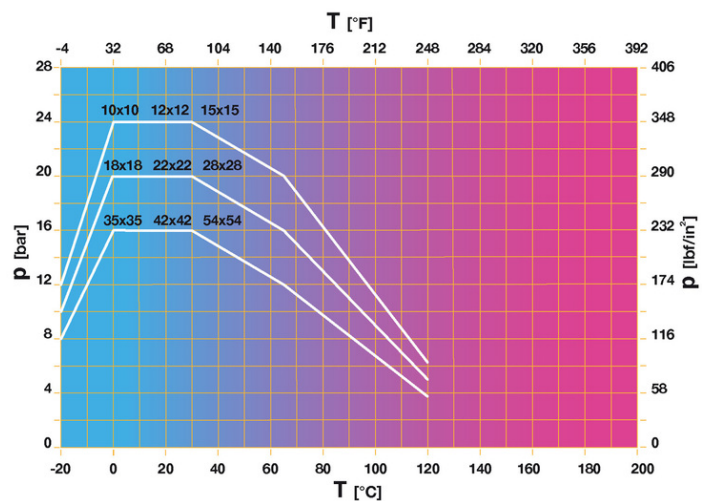
Operating temperature: $-20 \div 120^{\circ}\text{C}$

FLOW AND PRESSURE DROP



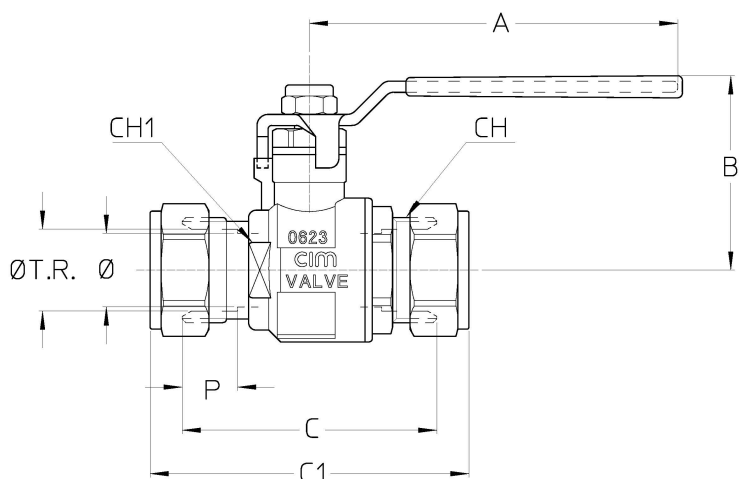
Notes:
 1 l/min = 0,06 m³/h
 1 m³/h = 16,67 l/min
 1 bar = 10.000 mm w.c.
 1 psi = 690 mm w.c.

PRESSURE TEMPERATURE RATINGS



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

TECHNICAL DRAWING



Ø T.R.	10x10	12x12	15x15	18x18	22x22	28x28	35x35	42x42	54x54
Ø mm	10	10	15	17,5	20	25	32	40	50
Grms.	155	165	255	370	420	625	980	1455	2270
A	65	65	80	80	100	100	120	150	150
B	34	34	46	48	53	57	66	81	88
C	50,5	50,5	60	64	69	77	92	107	126
C1	65,5	63	77	81	86,5	95	114	126,5	149,5
P	12	12	13	14	15	16	23	23	26
CH	20	20	24	31	32	39	47	55	70
CH1	20	20	24	30	32	40	47	55	69

Compression fitting

TECHNICAL CHARACTERISTICS

	KV CM CS MT CT								
DN mm	10x10	12x12	15x15	18x18	22x22	28x28	35x35	42x42	54x54
Ø mm	10	10	15	17,5	20	25	32	40	50
KV	8	10	17	28	41	68	123	189	290
CM	1	1	3	5	5	6	7	10	13
CS	2	2	6	10	10	12	14	20	26
MT	10	10	10	24	24	24	45	80	80
CT	10	10	10	25	30	40	60	70	80

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.

CT = Minimum tightening torque to obtain sealing with copper pipes.

OUR CERTIFICATIONS

