

Cim 3790

AUTOMATIC BALANCING 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 and generally with any non corrosive liquid.

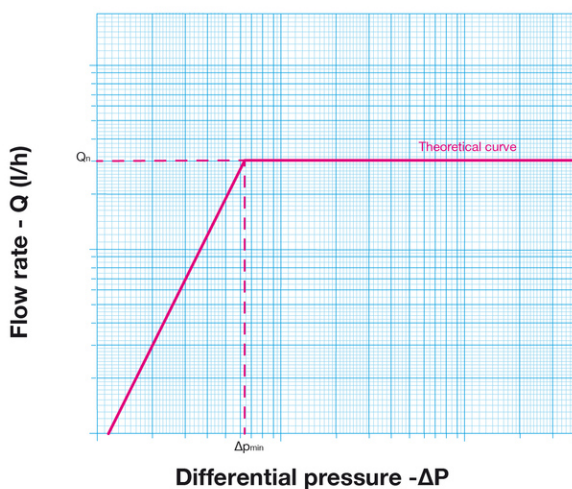
It is guaranteed for 5 years.

It is made of GGG40 cast iron.

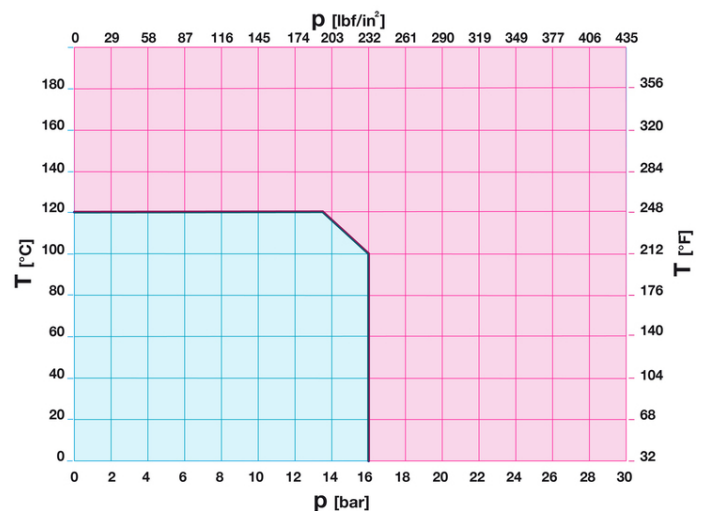
Nominal Pressure: PN16

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

FLOW AND PRESSURE DROP



PRESSURE TEMPERATURE RATINGS



Notes:

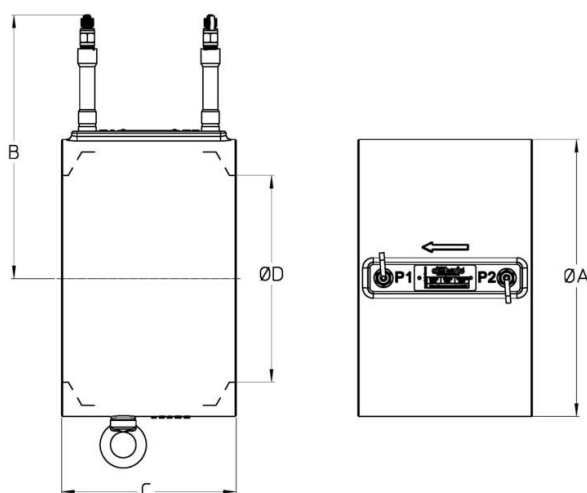
1 bar = 14,5 psi

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



DN	50	65	80	100	125	150	200	250	300	350	400	450	500	600	800
Flow	3,82 -	3,82 -	3,82 -	3,82 -	3,82 -	3,82 -	3,82 -	3,82 -	3,82 -	3,82 -	3,82 -	3,82 -	3,82 -	3,82 -	3,82 -
kg	3,41	4,91	4,79	6,90	9,00	11,73	18,75	23,44	33,41	44,21	51,63	57,47	67,75	88,90	127,3
Φ A	100	119	131	163	193	216	271	326	383	443	496	545	601	715	880
B	168	178	184	200	215	226	254	277	310	340	366	391	419	476	558
C	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170
Φ D	80	80	80	100	125	150	200	260	315	355	405	455	508	610	760
max n.	1	1	1	2	3	4	7	12	15	19	26	33	40	56	85

TECHNICAL CHARACTERISTICS

Cart. code	Cart. code	Flow rate (l/s)	Flow rate (l/h)	Flow rate (gpm)	Min p (kPa)	Kvs
CA5179H	CA5179HR	1,061	3820	16,82	13	10,6
CA5184H	CA5184HR	1,092	3931	17,31	13	10,9
CA5189H	CA5189HR	1,125	4049	17,83	13	11,2
CA5194H	CA5194HR	1,166	4199	18,49	13	11,7
CA5200H	CA5200HR	1,222	4399	19,37	13	12,2
CA5206H	CA5206HR	1,289	4640	20,43	14	12,4
CA5213H	CA5213HR	1,375	4951	21,80	14	13,2
CA5220H	CA5220HR	1,475	5310	23,38	14	14,2
CA5227H	CA5227HR	1,583	5700	25,10	14	15,2
CA5235H	CA5235HR	1,725	6209	27,34	14	16,6
CA5243H	CA5243HR	1,809	6511	28,67	14	17,4
CA5251H	CA5251HR	1,967	7081	31,18	14	18,9
CA5260H	CA5260HR	2,195	7901	34,79	15	20,4
CA5269H	CA5269HR	2,472	8900	39,19	16	22,3
CA5279H	CA5279HR	2,889	10399	45,79	19	23,9
CA5287H	CA5287HR	3,154	11355	50,00	21	24,2
CA5292H	CA5292HR	3,470	12491	55,00	23	26,1
CA5298H	CA5298HR	3,722	13399	59,00	24	27,4
CA5303H	CA5303HR	4,100	14762	65,00	27	28,4
CA5308H	CA5308HR	4,444	15999	70,45	29	29,7
CA6285H	CA6285HR	4,733	17037	75,02	34	29,2
CA6292H	CA6292HR	5,041	18148	79,91	34	31,1
CA6301H	CA6301HR	5,221	18797	82,77	35	31,8
CA6305H	CA6305HR	5,408	19467	85,72	35	32,9
CA6312H	CA6312HR	5,684	20464	90,11	35	34,6

CA6319H	CA6319HR	5,980	21527	94,79	36	35,6
CA6326H	CA6326HR	6,236	22449	98,85	36	37,4
CA6332H	CA6332HR	6,523	23482	103,40	36	39,1
CA6338H	CA6338HR	6,814	24531	108,02	37	40,3
CA6344H	CA6344HR	7,117	25621	112,82	38	41,6
CA6349H	CA6349HR	7,369	26528	116,81	38	43,0
CA6356H	CA6356HR	7,690	27686	121,981	38	44,9
CA6362H	CA6362HR	8,099	29157	128,39	38	47,3
CA6367 H	CA6367HR	8,321	29954	131,90	39	48,0
CA6373H	CA6373HR	8,605	30976	136,40	39	49,6
CA6379H	CA6379HR	8,961	32260	142,05	40	51,0
CA6385H	CA6385HR	9,324	33565	147,80	40	53,0
CA6391H	CA6391HR	9,709	34953	153,91	40	55,3
CA6393H	CA6393HR	10,093	36336	160,00	42	56,1
CA6398H	CA6398HR	10,468	37685	165,94	43	57,5
CA6400H	CA6400HR	10,724	38607	170,00	44	58,2
CA6407H	CA6407HR	11,381	40971	180,41	46	60,4
CA6407HH	CA6407HHR	12,500	45000	198,00	49	64,3

CA....H = Version in AISI 304 stainless steel, maximum differential pressure 600 kPa

CA....HR = High corrosion resistant version in AISI 316 stainless steel, maximum differential pressure 600 kPa

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-table> and 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

