

## AUTOMATIC BALANCING VALVE - PN 16 - CAST IRON



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 and generally with any non corrosive liquid.

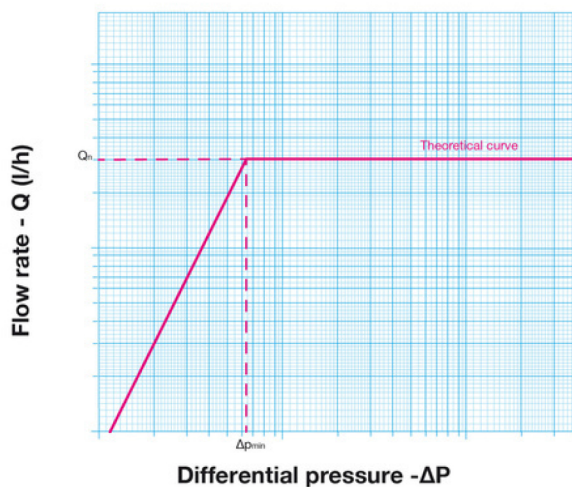
It is guaranteed for 5 years.

It is made of GGG40 cast iron.

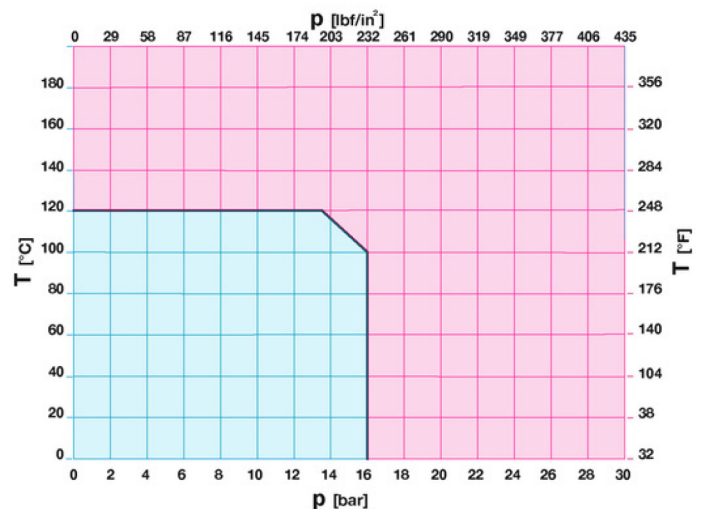
Nominal Pressure: PN16

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

### FLOW AND PRESSURE DROP



### PRESSURE TEMPERATURE RATINGS



Notes:

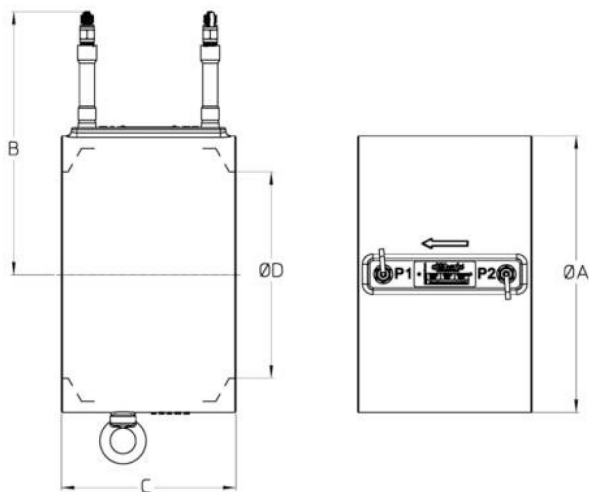
1 bar = 14,5 psi

1 bar = 14,5 lbf/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     | 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 |