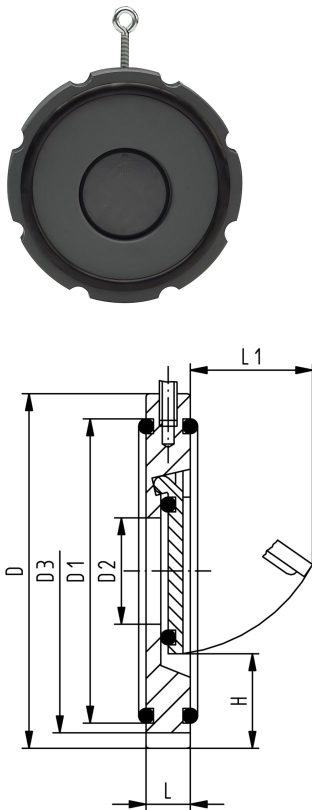




## Wafer check valve type 369 PVC-U With Hastelloy C spring

### Model:

- Supporting eyelets for simple fitting
- Suitable for vertical and horizontal mounting

### Installation instruction:

- Installation between ISO/DIN (all dimensions) and ANSI/BS flange adaptors (all except DN32 and DN125)
- Installation with ANSI/BS flange adaptor: for wafer check valves DN40 to DN80 you have to use ANSI/BS flange adaptors with the next bigger dimension (example DN40 wafer check valve between DN50 ANSI/BS flange adaptor)
- Centering by body diameter (ISO/DIN by D3, ANSI/BS by D)
- Sealing with special flange gasket (except DN32, o-ring)
- A stabilizing zone of at least 5 times nominal diameter (DN) should be provided before and after the wafer check valve (10 times DN is recommended)
- No direct installation on pump flange or following bend allowed
- The using of PVC-U pipe PN16 is only possible up to d63

| d<br>(mm) | DN<br>(mm) | Size<br>(inch) | PN<br>(bar) | EPDM<br>Code | SP | Weight<br>(kg) | FKM<br>Code | SP | Weight<br>(kg) |
|-----------|------------|----------------|-------------|--------------|----|----------------|-------------|----|----------------|
| 40        | 32         | 1 1/4          | 10          | 161 369 082  | 1  | 0.130          | 161 369 102 | 1  | 0.130          |
| 50        | 40         | 1 1/2          | 10          | 161 369 083  | 1  | 0.174          | 161 369 103 | 1  | 0.160          |
| 63        | 50         | 2              | 10          | 161 369 084  | 1  | 0.250          | 161 369 104 | 1  | 0.277          |
| 75        | 65         | 2 1/2          | 10          | 161 369 085  | 1  | 0.320          | 161 369 105 | 1  | 0.320          |
| 90        | 80         | 3              | 10          | 161 369 086  | 1  | 0.390          | 161 369 106 | 1  | 0.390          |
| 110       | 100        | 4              | 10          | 161 369 087  | 1  | 0.654          | 161 369 107 | 1  | 0.550          |
| 140       | 125        | 5              | 10          | 161 369 089  | 1  | 0.750          | 161 369 109 | 1  | 0.750          |
| 160       | 150        | 6              | 6           | 161 369 090  | 1  | 1.164          | 161 369 110 | 1  | 1.100          |
| 225       | 200        | 8              | 6           | 161 369 091  | 1  | 2.100          | 161 369 111 | 1  | 2.100          |
| 280       | 250        | 10             | 6           | 161 369 092  | 1  | 3.500          | 161 369 112 | 1  | 3.500          |
| 315       | 300        | 12             | 6           | 161 369 093  | 1  | 5.300          | 161 369 113 | 1  | 5.300          |

| d<br>(mm) | D<br>(mm) | D1<br>(mm) | D2<br>(mm) | D3<br>(mm) | L<br>(mm) | L1<br>(mm) | H<br>(mm) | Opening<br>pressure<br>vertical<br>(mbar) | Opening pres-<br>sure horizontal<br>(mbar) | Minimum<br>water col-<br>umn for seal-<br>ing<br>(m) |
|-----------|-----------|------------|------------|------------|-----------|------------|-----------|-------------------------------------------|--------------------------------------------|------------------------------------------------------|
| 40        | 85        | 59         | 18         |            | 15        | 22         | 25        | 30                                        | 20                                         | 2                                                    |
| 50        | 105       | 77         | 22         | 95         | 16        | 27         | 27        | 30                                        | 20                                         | 2                                                    |
| 63        | 124       | 92         | 32         | 109        | 18        | 40         | 29        | 30                                        | 20                                         | 2                                                    |
| 75        | 137       | 111        | 40         | 129        | 20        | 55         | 31        | 30                                        | 20                                         | 2                                                    |
| 90        | 175       | 131        | 54         | 144        | 20        | 67         | 32        | 30                                        | 20                                         | 2                                                    |
| 110       | 175       | 153        | 70         | 164        | 23        | 77         | 31        | 30                                        | 20                                         | 2                                                    |
| 140       | 195       | 185        | 92         |            | 23        | 94         | 35        | 30                                        | 20                                         | 2                                                    |
| 160       | 222       | 198        | 105        | 220        | 26        | 100        | 41        | 30                                        | 20                                         | 2                                                    |
| 225       | 279       | 259        | 154        | 275        | 34        | 152        | 38        | 38                                        | 20                                         | 2                                                    |
| 280       | 340       | 311        | 192        | 330        | 40        | 180        | 41        | 38                                        | 20                                         | 2                                                    |
| 315       | 410       | 347        | 227        | 380        | 45        | 215        | 41        | 38                                        | 20                                         | 2                                                    |

The technical data are not binding. They neither constitute expressly warranted characteristics nor guaranteed properties nor a guaranteed durability. They are subject to modification. Our General Terms of Sale apply.

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