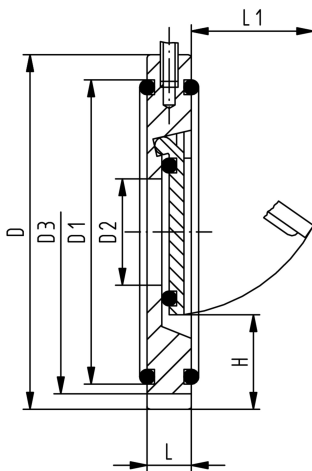




## SYGEF Standard Wafer check valve type 369 With Hastelloy C spring

### Model:

- Material: PVDF
- Supporting eyelets for simple fitting
- Suitable for vertical and horizontal mounting

### Installation instruction:

- Installation between ISO/DIN (all dimensions) and ANSI flange adaptors (all except DN32 and DN125)
- Installation with ANSI flange adaptor: for wafer check valves 1 1/2" to 3", use ANSI flange adaptors with the next bigger dimension (example: 1 1/2" wafer check valve between 2" ANSI flange adaptor)
- Centering by body diameter (ISO/DIN by D3, ANSI by D)
- Sealing with O-rings
- A stabilizing zone of at least 5 times nominal diameter should be provided before and after the wafer check valve
- Do not install on pump flange

### Note:

In order to install the wafer check valves properly, Georg Fischer recommends flange adaptors of the next larger diameter of the valve (e.g. wafer check valve d90 with two flange adaptors d110)

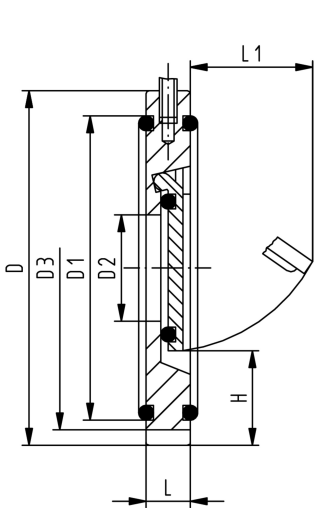
| d<br>(mm) | DN<br>(mm) | PN<br>(bar) | FKM<br>Code | SP | weight<br>(kg) |
|-----------|------------|-------------|-------------|----|----------------|
| 40        | 32         | 10          | 175 369 102 | 1  | 0.170          |
| 50        | 40         | 10          | 175 369 103 | 1  | 0.210          |
| 63        | 50         | 10          | 175 369 104 | 1  | 0.330          |
| 75        | 65         | 10          | 175 369 105 | 1  | 0.420          |
| 90        | 80         | 10          | 175 369 106 | 1  | 0.510          |
| 110       | 100        | 10          | 175 369 107 | 1  | 0.710          |
| 140       | 125        | 10          | 175 369 109 | 1  | 0.970          |
| 160       | 150        | 6           | 175 369 110 | 1  | 1.420          |
| 225       | 200        | 6           | 175 369 111 | 1  | 2.710          |
| 280       | 250        | 6           | 175 369 112 | 1  | 4.520          |
| 315       | 300        | 6           | 175 369 113 | 1  | 6.900          |

| d<br>(mm) | D<br>(mm) | D1<br>(mm) | D2<br>(mm) | D3<br>(mm) | H<br>(mm) | L<br>(mm) | L1<br>(mm) | Opening<br>pressure<br>vertical<br>(mbar) | Opening pres-<br>sure horizontal<br>(mbar) | Tightness from<br>water column<br>(m) |
|-----------|-----------|------------|------------|------------|-----------|-----------|------------|-------------------------------------------|--------------------------------------------|---------------------------------------|
| 40        | 85        | 59         | 18         | 85         | 25        | 15        | 22         | 30                                        | 20                                         | 2                                     |
| 50        | 105       | 74         | 22         | 95         | 27        | 16        | 27         | 30                                        | 20                                         | 2                                     |
| 63        | 124       | 90         | 32         | 109        | 29        | 18        | 40         | 30                                        | 20                                         | 2                                     |
| 75        | 137       | 110        | 40         | 129        | 31        | 20        | 55         | 30                                        | 20                                         | 2                                     |
| 90        | 175       | 125        | 54         | 144        | 32        | 20        | 67         | 30                                        | 20                                         | 2                                     |
| 110       | 175       | 150        | 70         | 164        | 31        | 23        | 67         | 30                                        | 20                                         | 2                                     |
| 140       | 195       | 178        | 92         | 195        | 35        | 23        | 94         | 30                                        | 20                                         | 2                                     |
| 160       | 222       | 192        | 105        | 220        | 41        | 26        | 100        | 30                                        | 20                                         | 2                                     |
| 225       | 279       | 256        | 154        | 275        | 38        | 35        | 152        | 38                                        | 20                                         | 2                                     |
| 280       | 340       | 306        | 192        | 330        | 41        | 40        | 180        | 38                                        | 20                                         | 2                                     |
| 315       | 410       | 342        | 227        | 380        | 41        | 45        | 215        | 38                                        | 20                                         | 2                                     |

| d<br>(mm) | closest<br>inch<br>(inch) |
|-----------|---------------------------|
| 40        | 1 1/4                     |
| 50        | 1 1/2                     |
| 63        | 2                         |
| 75        | 2 1/2                     |
| 90        | 3                         |
| 110       | 4                         |
| 140       | 5                         |

# Data sheet

valid from: 8/27/24



| d<br>(mm) | closest<br>inch<br>(inch) |
|-----------|---------------------------|
| 160       | 6                         |
| 225       | 8                         |
| 280       | 10                        |
| 315       | 12                        |

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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