

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/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

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)

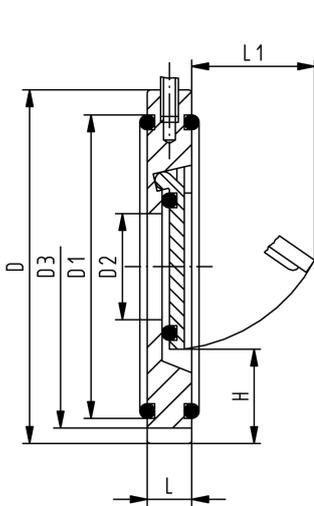
d (mm)	DN (mm)	Size (inch)	PN (bar)	FKM Code	SP	Weight (kg)
40	32	1 ¼	10	175 369 102	1	0.170
50	40	1 ½	10	175 369 103	1	0.210
63	50	2	10	175 369 104	1	0.330
75	65	2 ½	10	175 369 105	1	0.420
90	80	3	10	175 369 106	1	0.510
110	100	4	10	175 369 107	1	0.710
140	125	5	10	175 369 109	1	0.970
160	150	6	6	175 369 110	1	1.420
225	200	8	6	175 369 111	1	2.710
280	250	10	6	175 369 112	1	4.520
315	300	12	6	175 369 113	1	6.900

d (mm)	D (mm)	D1 (mm)	D2 (mm)	D3 (mm)	L (mm)	L1 (mm)	H (mm)	Opening pressure vertical (mbar)	Opening pres- sure horizontal (mbar)	Tightness from water column (m)
40	85	59	18		15	22	25	30	20	2
50	105	74	22	95	16	27	27	30	20	2
63	124	90	32	109	18	40	29	30	20	2
75	137	110	40	129	20	55	31	30	20	2
90	175	125	54	144	20	67	32	30	20	2
110	175	150	70	164	23	77	31	30	20	2
140	195	178	92		23	94	35	30	20	2
160	222	192	105	220	26	100	41	30	20	2
225	279	256	154	275	34	152	38	38	20	2
280	340	306	192	330	40	180	41	38	20	2
315	410	342	227	380	45	215	41	38	20	2

d (mm)	closest inch (inch)
40	1 ¼
50	1 ½
63	2
75	2 ½
90	3
110	4
140	5

Data sheet

valid from: 8/25/24



d (mm)	closest inch (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.

Georg Fischer Piping Systems Ltd, Postfach, CH-8201 Schaffhausen/Switzerland Phone +41 -(0)52-631 1111 e-mail: info.ps@georgfischer.com Internet: <http://www.gfps.com>