



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 (mm)	Size (inch)	DN (mm)	PN (bar)	EPDM Code	SP Weight (kg)	FKM Code	SP Weight (kg)
40	1 ¼	32	10	161 369 082	1 0.130	161 369 102	1 0.130
50	1 ½	40	10	161 369 083	1 0.174	161 369 103	1 0.160
63	2	50	10	161 369 084	1 0.250	161 369 104	1 0.277
75	2 ½	65	10	161 369 085	1 0.320	161 369 105	1 0.320
90	3	80	10	161 369 086	1 0.390	161 369 106	1 0.390
110	4	100	10	161 369 087	1 0.654	161 369 107	1 0.550
140	5	125	10	161 369 089	1 0.750	161 369 109	1 0.750
160	6	150	6	161 369 090	1 1.164	161 369 110	1 1.100
225	8	200	6	161 369 091	1 2.100	161 369 111	1 2.100
280	10	250	6	161 369 092	1 3.500	161 369 112	1 3.500
315	12	300	6	161 369 093	1 5.300	161 369 113	1 5.300

d (mm)	D (mm)	D1 (mm)	D2 (mm)	D3 (mm)	H (mm)	L (mm)	L1 (mm)	Opening pressure vertical (mbar)	Opening pres- sure horizontal (mbar)	Minimum water col- umn for seal- ing (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

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>