



Lug-style end installation butterfly valve type 565L PVDF/PA-GF

With electric actuator 24V

Flange standard ANSI / ASTM / ASME

Suitable for ABS, PVC-U, PVC-C, ecoFIT, COOL-FIT and PROGEF Systems

Model:

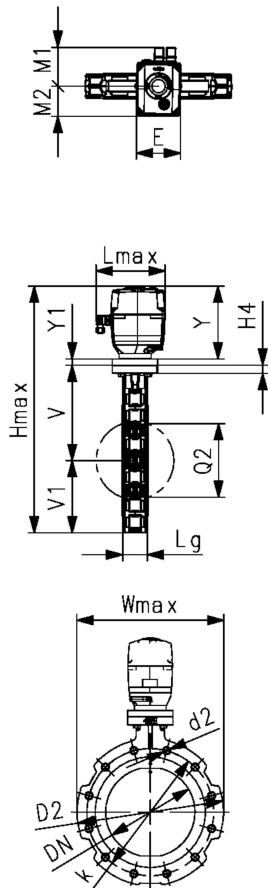
- Installation length: EN558 row 20, ISO 5752 row 20, API 609 table 2
- Flange standards: ANSI/ASME B 16.5 Class 150, BS 1560: 1989 Class 125/150; BS 4504 PN10/16
- For easy installation and removal
- Suitable for water and water treatment applications (e.g. sea water, drinking water and industrial water)
- Switching Ring for the double sensor for electrical position feedback is pre-assembled. Double-sensor can be ordered as accessory

Option:

- Individual configuration of the valve possible
- Hand or electric actuators from GF
- Double sensor for electrical position feedback incl. LED feedback
- Optional accessories: Fail-safe return unit, Monitoring board, Position controller, Profibus DP board

Note:

For some material combination (e.g. DN300 valves with PE/PP pipes) special flange adapters are needed. Please check the "Perfect flange connection tool" on www.gfps.com



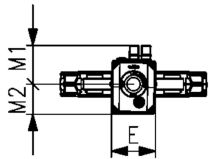
d (mm)	DN (mm)	Size (inch)	PN (bar)	kv-value ($\Delta p=1$ bar) (L/min)	Actuator	EPDM Code	PF Weight (kg)
63	50	2	10	1445	EA45	199 576 400	3 39 D00 001 8.890
75	65	2 ½	10	2530	EA120	199 576 401	3 39 D00 001 10.290
90	80	3	10	4020	EA120	199 576 402	3 39 D00 001 10.785
110	100	4	10	5850	EA120	199 576 403	3 39 D00 001 12.110
140	125	5	10	11900	EA120	199 576 404	3 39 D00 001 13.021
160	150	6	10	18050	EA250	199 576 405	3 39 D00 001 15.709
225	200	8	10	43667	EA250	199 576 406	3 39 D00 001 17.457
280	250	10	6	62333	EA250	199 576 407	3 39 D00 001 23.174
315	300	12	4	94500	EA250	199 576 408	3 39 D00 001 28.861

d (mm)	DN (mm)	FKM Code	PF Weight (kg)
63	50	199 576 420	3 39 D00 001 8.959
75	65	199 576 421	3 39 D00 001 10.392
90	80	199 576 422	3 39 D00 001 10.908
110	100	199 576 423	3 39 D00 001 12.286
140	125	199 576 424	3 39 D00 001 13.281
160	150	199 576 425	3 39 D00 001 16.027
225	200	199 576 426	3 39 D00 001 17.913
280	250	199 576 427	3 39 D00 001 23.854
315	300	199 576 428	3 39 D00 001 29.991

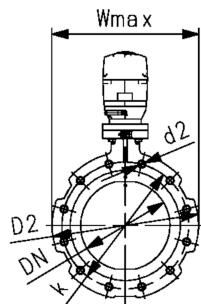
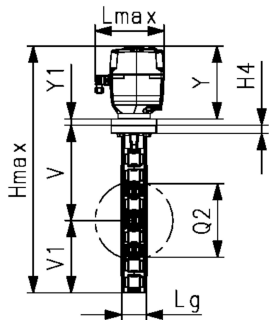
d (mm)	DN (mm)	Hmax (mm)	Lmax (mm)	Wmax (mm)	V (mm)	V1 (mm)	Y (mm)	Lg (mm)	Q2 (mm)	k (mm)	d2 (mm)	D2 (mm)	H4 (mm)
63	50	384.6	190	140	133.3	70.1	166.2	43	28.3	120.7	UNC 5/8	155	23
75	65	410.0	190	161	139.9	80.8	189.3	46	43.8	139.7	UNC 5/8	175	23
90	80	426.2	190	180	145.6	91.3	189.3	46	63.5	152.4	UNC 5/8	190	23
110	100	461.9	190	211	166.4	106.2	189.3	52	83.7	190.5	UNC 5/8	221	23
140	125	489.6	190	239	180.0	120.3	189.3	56	110.4	215.9	UNC 3/4	250	23
160	150	520.7	190	263	189.0	132.4	199.3	56	137.3	241.3	UNC 3/4	277	23
225	200	569.1	190	319	209.5	160.3	199.3	60	191.1	298.5	UNC 3/4	337	23
280	250	677.9	190	403	262.5	199.1	199.3	68	238.9	362.0	UNC 7/8	403	23
315	300	736.1	190	482	284.3	235.5	199.3	78	285.5	431.8	UNC 7/8	479	23

Data sheet

valid from: 8/20/25



d	DN	E	Y1	M1	M2
(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
63	50	122.3	15	107.3	82.7
75	65	122.3		107.3	82.7
90	80	122.3		107.3	82.7
110	100	122.3		107.3	82.7
140	125	122.3		107.3	82.7
160	150	122.3		107.3	82.7
225	200	122.3		107.3	82.7
280	250	122.3	17	107.3	82.7
315	300	122.3	17	107.3	82.7



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>