

Type 567 Wafer Style Butterfly Valve

Standard Features

- **Size**
2"-12"
- **Body**
Glass filled Polypropylene
Compatible with ANSI and DIN flanges
- **Wetted Materials**
PVC, CPVC, PVDF, or Beta-Polypropylene
EPDM or FPM
- **Disc**
PVC, CPVC, PVDF, or Beta-PP
- **Stem**
304 or 316 Stainless Steel (non-exposed)
- **Seal**
EPDM or FPM
- **Movement**
Lockable lever moves in increments of 5 degrees or available with gear operator
- **3 Year Warranty**

Optional Features

- **Actuation**
Electric actuation
Pneumatic actuation
- **Movement**
Fine adjustment lever allows disc to be opened at any angle from 0° to 90°
- **Hardware**
Teflon coated fasteners and springs

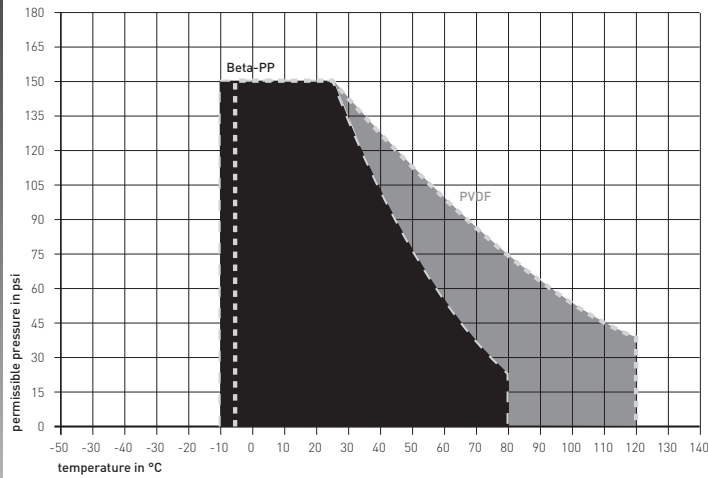


General

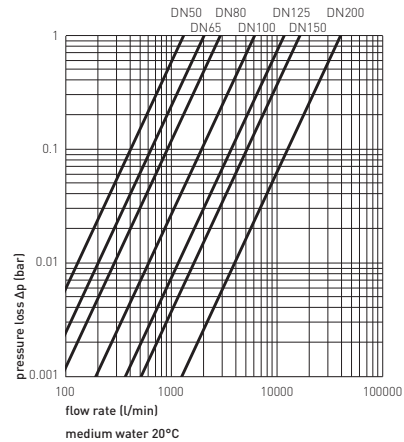
The unique double eccentric design from George Fischer means the disc is not in contact with the seal in the open position. The result is less wear and operating torques half our previous model. Better chemical compatibility is achieved because the inner body is the same material as the pipe. Type 567 is a wafer style butterfly valve rated for pressures up to 150PSI and temperatures of up to 80°C for Beta-PP and CPVC, 120°C for PVDF, and 60°C for PVC. Lever and gear operator are both available. In lever version, the opening angle is clearly indicated on the index plate. The unique Q-ring design insures a superior seal with virtually any type of flange without the need for additional gaskets.

Product data for butterfly valve type 567

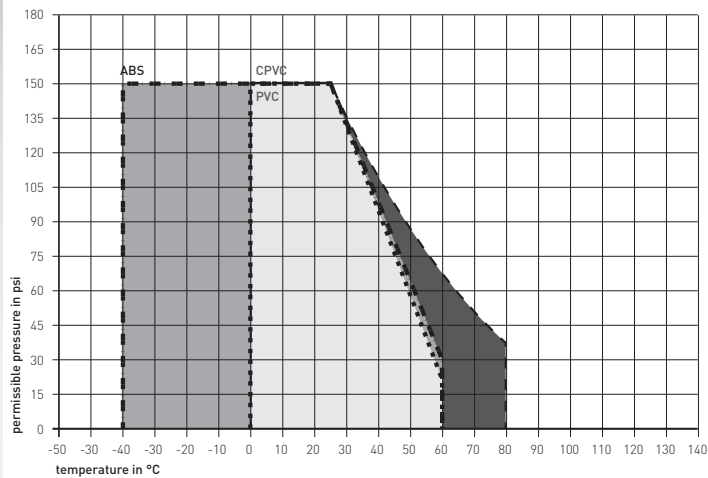
Pressure-temperature diagram
PROGEF® Polypropylene, PVDF (useful life 25 years; medium water)



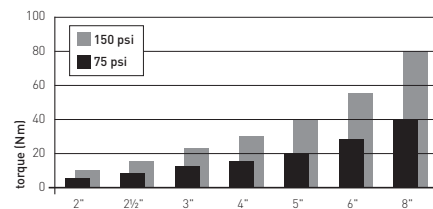
Pressure loss



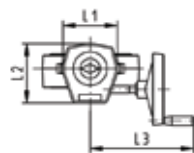
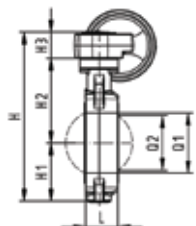
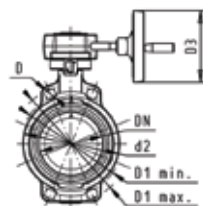
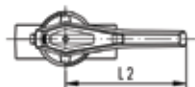
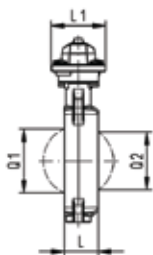
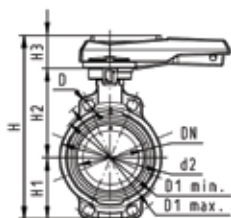
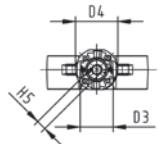
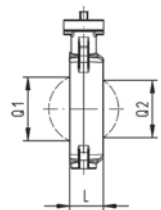
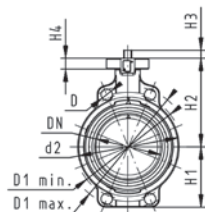
Pressure-temperature diagram
ABS, PVC, CPVC (useful life 25 years; medium water)



Moving torques
in relation to the line pressure



For non-GF actuators, breakaway torques 2.5 to 4 times the value of the moving torque must be taken into consideration, depending on the application conditions (e.g. control time, medium, temperature, etc.).



Type 567 Bare shaft

Inch	psi	Cv-value	d	D	D1 min.	D1 max.	d2	D3	D4	H	H1	H2	H3	H4	H5	L
2	150	103	63	19	120.0	125.0	104	85.0	90.0	222	77	134	12	23	11	45
2½	150	154	75	19	139.7	145.0	115	85.0	90.0	235	83	140	12	23	11	46
3	150	210	90	19	150.0	160.0	131	85.0	90.0	247	89	146	12	23	11	49
4	150	455	110	19	175.0	19.5	161	85.0	90.0	287	104	167	16	23	14	56
5	150	805	140	23	210.0	215.9	187	85.0	90.0	313	117	181	16	23	14	64
6	150	1162	160	24	241.3	241.3	215	85.0	90.0	335	130	189	16	23	17	72
8	150	2772	225	23	290.0	295.0	267	85.0	90.0	387	158	210	19	23	17	73
10	150	3865	280	25	253.0	362.0	329	102	125	509	205	264	40	23	22	113
12	150	5600	315	25	400.0	432.0	379	102	125	553	228	285	40	23	22	113

Q1	d	Q2
35.74	63	
50.93	75	30.62
64.01	90	46.24
84.46	110	69.96
110.71	140	94.50
136.08	160	121.54
175.62	225	166.23
210	280	207
256	315	253

Type 567 with Hand Lever

note: 10" and 12" max 90psi for safety

Inch	psi	Cv-value	d	D	D1 min.	D1 max.	d2	H	H1	H2	H3	L	L1	L2	Q1	Q2
2	150	103	63	19	120.0	125.0	104	264	77	134	54	45	106	205	35.74	
2½	150	154	75	19	139.7	145.0	115	277	83	140	54	46	106	205	50.93	30.60
3	150	210	90	19	150.0	160.0	131	289	89	146	54	49	106	205	64.01	46.24
4	150	455	110	19	175.0	190.5	161	325	104	167	55	56	106	255	84.46	69.96
5	150	805	140	19	210.0	215.9	187	352	117	181	55	64	106	255	110.71	94.50
6	150	1162	160	19	241.3	241.3	215	373	130	189	55	72	106	255	136.08	121.54
8	150	2772	225	19	290.0	295.0	267	435	158	210	67	73	140	408	175.62	166.23
10	150	3865	280	25	253.0	362.0	329	554	205	264	85	113	149	408	210	207
12	150	5600	315	25	400.0	432.0	379	598	228	285	85	113	149	408	256	253

Type 567 Gear Operator

Inch	psi	Cv-value	d	D	D1 min.	D1 max.	d2	H	H1	H2	H3	L	L1	L2	L3
2	150	103	63	19	120.0	125.0	104	264	77	134	54	45	106	205	236
2½	150	154	75	19	139.7	145.0	115	277	83	140	54	46	106	205	236
3	150	210	90	19	150.0	160.0	131	289	89	146	54	49	106	205	236
4	150	455	110	19	175.0	190.5	161	325	104	167	55	56	106	255	236
5	150	805	140	19	210.0	215.9	187	352	117	181	55	64	106	255	236
6	150	1162	160	19	241.3	241.3	215	373	130	189	55	72	106	255	236
8	150	2772	225	19	290.0	295.0	267	435	158	210	67	73	140	408	236
10	150	3865	280	25	353.0	362.0	329	529	205	264	60	113	134	151	261
12	150	5600	315	25	400.0	432.0	379	573	228	285	60	113	134	151	261

Q1	Q2
35.74	
50.93	30.60
64.01	46.24
84.46	69.96
110.71	94.50
136.08	121.54
175.62	166.23
210	207
256	253

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