



Wafer-style butterfly valve type 145 PVC-U
24V/With smart electric actuator
Flange standard metric/ANSI/BS/JIS

Model:

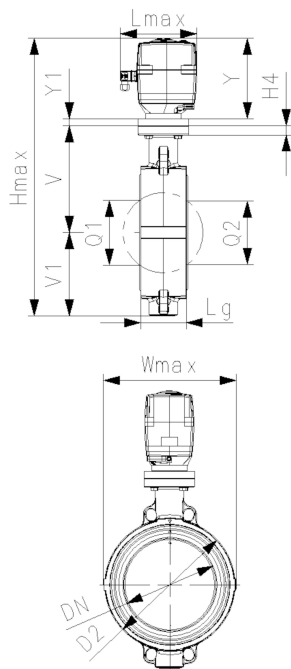
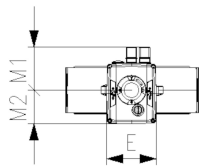
- Voltage 24V AC/DC
- Factory set control range 90°<
- Heating element, position feedback (Open/Close/ Middle)
- Overall length according to EN 558, ISO 5752 (DN50-200 line 25, DN250-300 line 16)
- Connecting dimension: ISO 7005 PN 10, EN 1092 PN 10, DIN 2501 PN 10, ANSI/ASME B 16.5 Class 150, BS 1560: 1989, BS 4504, JIS B 2220
- Connectivity via NFC and Wi-Fi Direct ensuring control, identification and visibility without opening the case
- Most relevant asset data visualized in the app
- Connection and control via app possible
- LED stripe for visual open/close 360° feedback

Option:

- Other valve and actuator configurations available

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	Size	DN	PN	kv-value	EPDM	Weight	FKM	Weight
(mm)	(inch)	(mm)	(bar)	($\Delta p=1$ bar)	Code	(kg)	Code	(kg)
				(l/min)				
63	2	50	10	740	199 145 330	4.178	199 145 340	5.073
75	2 1/2	65	10	1500	199 145 331	4.281	199 145 341	5.073
90	3	80	10	2400	199 145 332	4.660	199 145 342	5.073
110	4	100	10	3800	199 145 333	5.252	199 145 343	5.073
140	5	125	10	8600	199 145 334	5.793	199 145 344	4.286
160	6	150	10	11400	199 145 335	6.631	199 145 345	4.182
225	8	200	10	19900	199 145 336	12.606	199 145 346	12.634
280	10	250	6	34000	199 145 337	14.334	199 145 347	14.334
315	12	300	4	50000	199 145 338	19.546	199 145 348	19.546

d	Hmax	Lmax	Wmax	d2	U	V	H4	V1	Lg	D2	Q1	Q2	Y	E
(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
63	393.3	190	118.4	104	90	133.3	23	78.8	45	104	40		166.2	122.3
75	406.2	190	132.5	115	90	139.9	23	85.1	46	115	54	35	166.2	122.3
90	426.1	190	136.8	131	90	145.6	23	91.2	49	131	67	50	189.3	122.3
110	461.4	190	161.0	161	90	166.4	23	105.7	56	161	88	74	189.3	122.3
140	488.1	190	187.0	187	90	180.0	23	118.8	64	187	113	97	189.3	122.3
160	509.2	190	215.0	215	90	189.0	23	130.9	72	215	139	123	189.3	122.3
225	568.1	190	267.0	267	90	210.5	23	158.3	73	267	178	169	199.3	122.3
280	685.0	190	329.0	329	90	262.6	23	206.1	113	329	210	207	199.3	122.3
315	729.4	190	380.4	379	90	262.6	23	228.8	113	379	256	253	199.3	122.3

d	Y1	M1	M2
(mm)	(mm)	(mm)	(mm)
63	15	107.3	82.7
75	15	107.3	82.7
90		107.3	82.7
110		107.3	82.7
140		107.3	82.7
160		107.3	82.7
225		107.3	82.7
280	17	107.3	82.7
315	17	107.3	82.7

Data sheet

valid from: 4/3/25



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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