



Lug-Style end installation butterfly valve type 146 PVC-U
With electric actuator 230 V
Without manual override
Flange standard metric

Model:

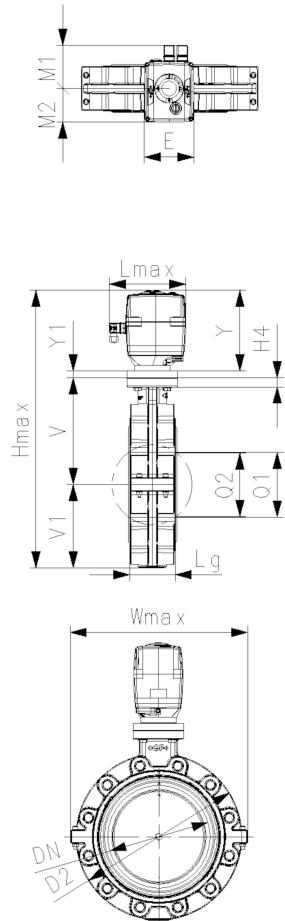
- Voltage 100-230V, 50-60Hz
- Factory set control range 90°<
- Heating element, position feedback (Open/Close/ Middle)
- Overall length according to EN 558, ISO 5752 (DN50-200 line 25, DN250-300 line 16)
- Connecting dimension: ISO 7005 PN10, EN 1092 PN10, DIN 2501 PN10

Option:

- Other valve and actuator configurations available
- 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)	Size (inch)	DN (mm)	PN (bar)	kv-value ($\Delta p=1$ bar) (l/min)	EPDM Code	Weight (kg)
63	2	50	10	740	199 146 042	4.299
75	2 ½	65	10	1500	199 146 043	4.456
90	3	80	10	2400	199 146 044	4.456
110	4	100	10	3800	199 146 045	5.606
140	5	125	10	8600	199 146 046	7.120
160	6	150	10	11400	199 146 047	8.881
225	8	200	10	19900	199 146 048	13.625
280	10	250	6	34000	199 146 049	24.385
315	12	300	4	50000	199 146 050	30.916

d (mm)	Hmax (mm)	Lmax (mm)	Wmax (mm)	U (mm)	V (mm)	H4 (mm)	V1 (mm)	Lg (mm)	D2 (mm)	Q1 (mm)	Q2 (mm)	d2 (mm)	Y (mm)	E (mm)
63	378.3	190	165	90	133.3	23	78.8	44.7	160	40		M16	166.2	122.3
75	391.2	190	182	90	139.9	23	85.1	45.7	180	54	35	M16	166.2	122.3
90	426.1	190	210	90	145.6	23	91.2	48.7	195	67	50	M16	189.3	122.3
110	462.8	190	240	90	166.0	23	107.5	55.6	226	88	74	M16	189.3	122.3
140	492.0	190	272	90	180.0	23	122.7	63.5	258	113	97	M16	189.3	122.3
160	522.8	190	300	90	189.0	23	134.5	71.5	284	139	123	M20	199.3	122.3
225	571.3	190	360	90	210.5	23	161.5	72.5	341	178	169	M20	199.3	122.3
280	670.6	190	440	125	264.4	23	206.9	113.2	412	210	207	M20	199.3	122.3
315	720.0	190	510	125	285.2	23	235.5	114.6	482	256	253	M20	199.3	122.3

d (mm)	Y1 (mm)	M1 (mm)	M2 (mm)
63		107.3	82.7
75		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

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.

Data sheet

valid from: 4/3/25



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