



SYGEF Standard Lug-style end installation butterfly valve type 147
With electric actuator 230V
Without manual override
Flange standard ANSI/ASME

Model:

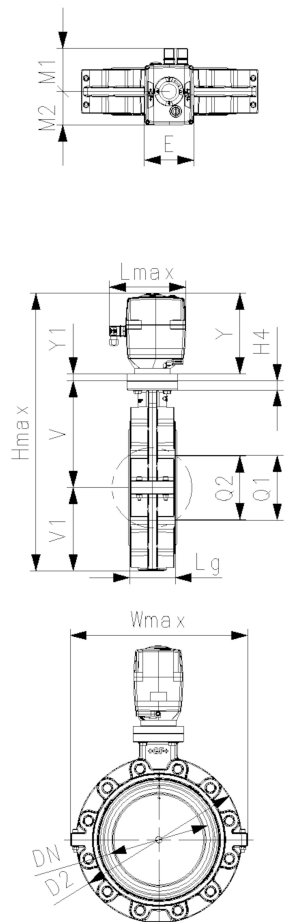
- Material: PVDF
- Voltage 100-230V, 50-60Hz
- Factory set control range 90°<
- Heating element, position feedback (Open/Close/ Middle)
- Overall length according to EN 558, ISO 5752 (DN50-200 line 25, DN250-300 line 16)
- Connecting dimension ANSI/ASME B 16.5 Class 150

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	Size	DN	PN	kv-value	FKM	Weight	PTFE
(mm)	(inch)	(mm)	(bar)	($\Delta p=1$ bar)	Code	(kg)	Code
				(l/min)			
63	2	50	10	740	199 147 582	4.500	199 147 642
75	2 ½	65	10	1500	199 147 583	4.600	199 147 643
90	3	80	10	2400	199 147 584	5.000	199 147 644
110	4	100	10	3800	199 147 585	6.000	199 147 645
140	5	125	10	8600	199 147 586	7.700	199 147 646
160	6	150	10	11400	199 147 587	9.000	199 147 647
225	8	200	10	19900	199 147 588	13.800	199 147 648
280	10	250	6	34000	199 147 589	24.500	
315	12	300	4	50000	199 147 590	31.200	

d	Size	Hmax	Lmax	Wmax	U	V	H4	V1	Lg	D2	Q1	Q2	d2
(mm)	(inch)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	
63	2	378.3	190	165	90	133.3	23	78.8	44.7	160	40		UNC 5/8
75	2 ½	391.2	190	182	90	139.9	23	85.1	45.7	180	54	35	UNC 5/8
90	3	426.1	190	210	90	145.6	23	91.2	48.7	195	67	50	UNC 5/8
110	4	462.8	190	240	90	166.0	23	107.5	55.6	226	88	74	UNC 5/8
140	5	492.0	190	272	90	180.0	23	122.7	63.5	258	113	97	UNC 3/4
160	6	522.8	190	300	90	189.0	23	134.5	71.5	284	139	123	UNC 3/4
225	8	571.3	190	360	90	210.5	23	161.5	72.5	341	178	169	UNC 3/4
280	10	670.6	190	440	125	264.4	23	206.9	113.2	412	210	207	UNC 7/8
315	12	720.0	190	510	125	285.2	23	235.5	114.6	482	256	253	UNC 7/8

d	Size	Y	E	Y1	M1	M2
(mm)	(inch)	(mm)	(mm)	(mm)	(mm)	(mm)
63	2	166.2	122.3		107.3	82.7
75	2 ½	166.2	122.3		107.3	82.7
90	3	189.3	122.3		107.3	82.7
110	4	189.3	122.3		107.3	82.7
140	5	189.3	122.3		107.3	82.7
160	6	199.3	122.3		107.3	82.7
225	8	199.3	122.3		107.3	82.7
280	10	199.3	122.3	17	107.3	82.7
315	12	199.3	122.3	17	107.3	82.7

Data sheet

valid from: 2/8/25



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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