



SYGEF Standard Lug-style end installation butterfly valve type 146
With electric actuator 230V
Without manual override
Flange standard metric

Model:

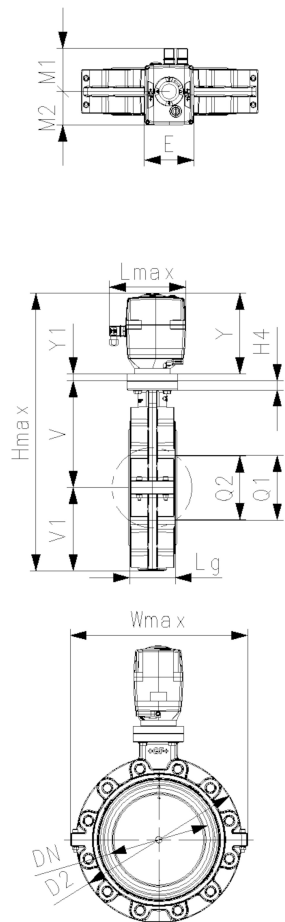
- Voltage 100-230V, 50-60Hz
- Factory set control range 90°<
- Heating element, position feedback (Open/Close/ Middle)
- Overall length according to EN 558, ISO 5752 (DN50-200 line 25, DN250-300 line 16)
- Connecting dimension: ISO 7005 PN10, EN 1092 PN10, DIN 2501 PN10

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	Size	DN	PN	kv-value	FKM	Weight	PTFE
(mm)	(inch)	(mm)	(bar)	(Δp=1 bar)	Code	(kg)	Code
				(l/min)			
63	2	50	10	740	199 146 582	4.299	199 146 642
75	2 ½	65	10	1500	199 146 583	4.456	199 146 643
90	3	80	10	2400	199 146 584	4.701	199 146 644
110	4	100	10	3800	199 146 585	5.606	199 146 645
140	5	125	10	8600	199 146 586	7.120	199 146 646
160	6	150	10	11400	199 146 587	8.881	199 146 647
225	8	200	10	19900	199 146 588	13.625	199 146 648
280	10	250	6	34000	199 146 589	24.385	
315	12	300	4	50000	199 146 590	30.916	

d	Hmax	Lmax	Wmax	U	V	H4	V1	Lg	D2	Q1	Q2	d2	Y
(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
63	378.3	190	165	90	133.3	23	78.8	44.7	160.0	40		M16	166.2
75	391.2	190	182	90	139.9	23	85.1	45.7	180.0	54	35	M16	166.2
90	426.1	190	210	90	145.6	23	91.2	48.7	195.0	67	50	M16	189.3
110	462.8	190	240	90	166.0	23	107.5	55.6	226.0	88	74	M16	189.3
140	492.0	190	272	90	180.0	23	122.7	63.5	258.0	113	97	M16	189.3
160	522.8	190	300	90	189.0	23	134.5	71.5	284.0	139	123	M20	199.3
225	571.3	190	360	90	210.5	23	161.5	72.5	341.0	178	169	M20	199.3
280	670.6	190	440	125	264.4	23	206.9	113.2	412.0	210	207	M20	199.3
315	720.0	190	510	125	285.2	23	235.5	114.6	482.0	256	253	M20	199.3

d	E	Y1	M1	M2
(mm)	(mm)	(mm)	(mm)	(mm)
63	122.3		107.3	82.7
75	122.3		107.3	82.7
90	122.3		107.3	82.7
110	122.3		107.3	82.7
140	122.3		107.3	82.7
160	122.3		107.3	82.7
225	122.3		107.3	82.7
280	122.3	17.0	107.3	82.7
315	122.3	17.0	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: 9/15/26



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