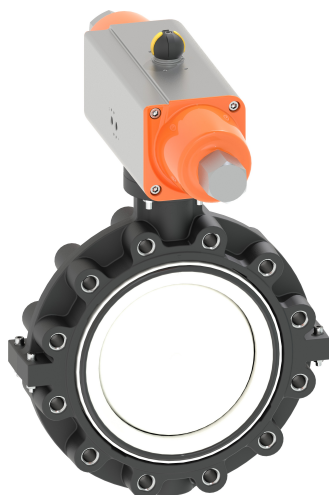




SYGEF Standard Lug-style end installation butterfly valve type 243
With pneumatic actuator - fail safe to close (FC)
Without manual override
Flange standard metric

Model:

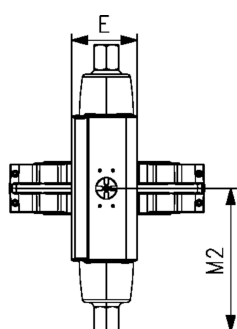
- Housing material: PP-GF30 with SS316 lug-inserts
- Control range 90°<
- Overall length according to EN 558, ISO 5752 (DN50 - 200 line 25, DN250 - 300 line 10)
- Connecting dimension: ISO 7005 PN10, EN 1092 PN10, DIN 2501 PN10

Option:

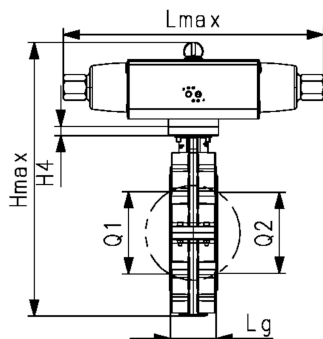
- Optional accessory: Valve-Integrated position feedback with limit switches (limit switches have to be ordered separately)

Note:

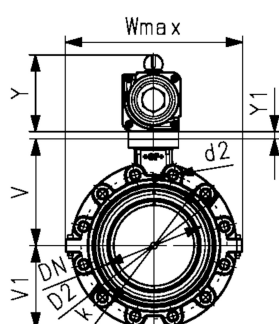
For some material combination (e.g. DN300 valves with PE/PP pipes) special flange adapters are needed. Please check the "Perfect flange connection tool" on www.gfps.com



d	Size	DN	PN	kv-value	FKM	SP	Weight
(mm)	(inch)	(mm)	(bar)	(Δp=1 bar)	Code		(kg)
				(l/min)			
63	2	50	10	740	199 243 462	1	3.499
75	2 ½	65	10	1500	199 243 463	1	3.656
90	3	80	10	2400	199 243 464	1	4.692
110	4	100	10	3800	199 243 465	1	6.406
140	5	125	10	8600	199 243 466	1	9.222
160	6	150	10	11400	199 243 467	1	12.902
225	8	200	10	19900	199 243 468	1	16.691
280	10	250	10	34000	199 243 469	1	33.880
315	12	300	10	50000	199 243 470	1	43.985



d	Hmax	Lmax	Wmax	U	V	H4	V1	Lg	D2	Q1	Q2	d2	k	Y
(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
63	328.1	274.4	165.0	90	133.3	23	78.8	44.7	160	40		M16	125	98.2
75	341.0	274.4	182.0	90	139.9	23	85.1	45.7	180	54	35	M16	145	98.2
90	365.7	325.2	210.0	90	145.6	23	91.2	48.7	195	67	50	M16	160	111.1
110	388.3	359.6	240.0	90	166.0	23	107.5	55.6	226	88	74	M16	180	114.8
140	452.2	418.0	272.0	90	180.0	23	122.7	63.5	258	113	97	M16	210	149.5
160	476.6	434.0	280.0	90	189.0	23	134.5	71.5	284	139	123	M20	240	153.1
225	532.0	498.4	360.0	90	210.5	23	161.5	72.5	341	178	169	M20	295	160.0
280	679.5	646.0	440.0	125	264.4	23	206.9	113.2	412	210	207	M20	350	190.0
315	749.0	681.0	510.0	125	285.2	23	235.5	114.6	482	256	253	M20	400	210.1



d	E	Y1	M2
(mm)	(mm)	(mm)	(mm)
63	70.4	15.0	137.2
75	70.4	15.0	137.2
90	83.3	15.0	162.6
110	87.0		179.8
140	107.5		209.0
160	111.1		217.0
225	118.0		249.2
280	148.0	18.2	323.0
315	168.0	18.2	340.5

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: 2/8/25



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