



**SYGEF Standard PVDF Ball valve type 546 Pro with PPA
F0 (Fail safe to open)
With fusion sockets metric**

Model:

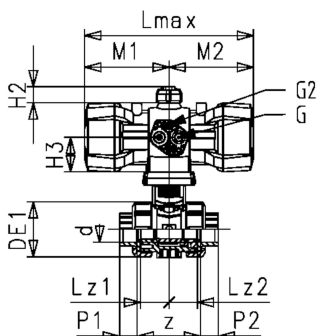
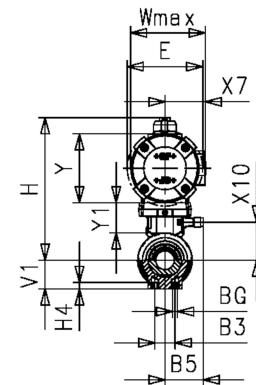
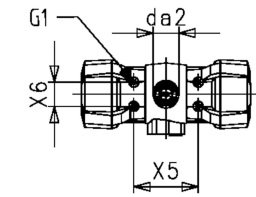
- Control pressure supply through integrated NAMUR interface according VDI/VDE 3845 with 5.6 bar (81.2 psi)
- Control time 90°<) 1-2s
- For easy installation and removal
- Integrated stainless steel mounting inserts
- Full plastic solution (actuator housing made of PP-GF)
- Z-dimension, valve end and union nut are compatible with type 230 – 235 and 546 (1st Generation)

Option:

- Position feedback sensor, incl. LED feedback (DN10-50) - PNP, NPN and NAMUR
- Positioner RPC, RPC D, RPC PID
- Individual configuration of the valve

Data sheet

valid from: 2/8/25



d (mm)	DN (mm)	PN (bar)	kv-value ($\Delta p=1$ bar) (l/min)	FKM Code	SP	Weight (kg)
16	10	10	70	199 252 172	1	1.200
20	15	10	185	199 252 173	1	1.200
25	20	10	350	199 252 174	1	1.300
32	25	10	700	199 252 175	1	1.400
40	32	10	1000	199 252 176	1	2.500
50	40	10	1600	199 252 177	1	2.800
63	50	10	3100	199 252 178	1	3.700
75	65	10	5000	199 252 179	1	9.200
90	80	10	7000	199 252 180	1	12.300
110	100	10	11000	199 252 181	1	18.900

d (mm)	Actuator	D (mm)	V1 (mm)	H4 (mm)	M1 (mm)	M2 (mm)	G2 (mm)	G (mm)	H3 (mm)	Lz1 (mm)	Lz2 (mm)	Lmax (mm)	E (mm)	Y1 (mm)
16	PPA08	50	27	12	80	80	M5	G 1/4	41	28	28	159	74	35
20	PPA08	50	27	12	80	80	M5	G 1/4	41	28	28	159	74	35
25	PPA08	58	30	12	80	80	M5	G 1/4	41	33	33	159	74	35
32	PPA15	68	36	12	106	106	M5	G 1/4	45	36	36	211	94	35
40	PPA15	84	44	15	106	106	M5	G 1/4	45	43	43	211	94	33
50	PPA40	97	51	15	123	123	M5	G 1/4	56	45	45	246	120	33
63	PPA40	124	64	15	123	123	M5	G 1/4	56	51	51	246	120	36
75	PPA80	166	85	15	172	172	M5	G 1/4	66	68	68	343	142	
90	PPA80	200	105	15	172	172	M5	G 1/4	66	71	71	343	142	
110	PPA80	238	123	22	172	172	M5	G 1/4	66	82	82	343	142	

d (mm)	Y (mm)	H (mm)	X10 (mm)	B3 (mm)	BG (mm)	Wmax (mm)	G1 (mm)	da2 (mm)	X6 (mm)	X5 (mm)	X7 (mm)	H2 (mm)	P1 (mm)	P2 (mm)	z (mm)
16	75	155	35	25	M6	77		33	30	80	43	20	13	13	67
20	75	155	35	25	M6	77	M5	33	30	80	43	20	14	14	67
25	88	159	35	25	M6	77	M5	33	30	80	43	20	16	16	76
32	88	178	35	25	M6	93	M5	33	30	80	51	20	18	18	82
40	11	184	33	45	M8	93	M5	33	30	80	51	20	20	20	97
50	111	213	33	45	M8	117	M5	33	30	80	62	20	23	23	101
63	111	288	36	45	M8	117	M5	33	30	80	62	20	27	27	114
75	131	307		70	M8	139	M5	33	30	80	74	20	33	33	167
90	131	319		70	M8	139	M5	33	30	80	74	20	37	37	180
110	131	326		120	M12	139	M5	33	30	80	74	20	43	43	215

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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