



**SYGEF Standard PVDF Ball valve type 546 Pro with PPA
FC (Fail safe to close)
With butt fusion spigots PVDF ISO IR-PLUS
Without manual override
5.6 bar control pressure**

Model:

- Control pressure supply through integrated NAMUR interface according VDI/VDE 3845
- Full plastic solution (actuator housing made of PP-GF)
- Visual position indicator
- Integrated stainless steel mounting inserts
- z-dimension, valve end and union nut are compatible with type 546 (1st Generation)

Option:

- Position feedback through double sensor with LED (PNP, NPN and NAMUR)
- Positioner RPC, RPC D, RPC PID
- Individual configuration of valves possible

d	DN	Size	PN	kv-value	FKM	SP	Weight
(mm)	(mm)	(inch)	(bar)	($\Delta p=1$ bar)	Code		(kg)
				(l/min)			
20	15	½	10	185	199 252 833	1	1.083
25	20	¾	10	350	199 252 834	1	1.191
32	25	1	10	700	199 252 835	1	1.330
40	32	1 ¼	10	1000	199 252 836	1	2.350
50	40	1 ½	10	1600	199 252 837	1	2.639
63	50	2	10	3100	199 252 838	1	4.219
75	65	¾	10	5000	199 252 839	1	9.500
90	80	3	10	7000	199 252 840	1	12.600
110	100	4	10	11000	199 252 841	1	19.100

d	Actuator	B3	B5	da2	DE1	E	G	G1	H	H2	H4	L	Lz	M	s1
(mm)		(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
20	PPA08	25	16.2	33	50	74	M6	M5	155	20	12	130	28	159	1.9
25	PPA08	25	17.5	33	58	74	M6	M5	159	20	12	143	33	159	2.3
32	PPA15	25	17.5	33	68	94	M6	M5	178	20	12	150	36	211	3.0
40	PPA15	45	23.3	33	84	94	M8	M5	184	20	15	171	43	211	3.7
50	PPA40	45	23.3	33	97	120	M8	M5	213	20	15	191	45	246	4.6
63	PPA40	45	24.3	33	124	120	M8	M5	228	20	15	220	51	246	5.8
75	PPA80	70	28.5	33	166	142	M8	M5	277	20	15	266	68	343	8.2
90	PPA80	70	28.5	33	200	142	M8	M5	289	20	15	264	71	343	10.0
110	PPA80	120	28.5	33	238	142	M12	M5	324	20	22	301	82	343	12.0

d	V1	X5	X6	X7	X10
(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
20	27	80	30	43	38.0
25	30	80	30	43	41.9
32	36	80	30	51	47.0
40	44	80	30	51	53.5
50	51	80	30	62	62.8
63	64	80	30	62	77.0
75	85	80	30	74	119.0
90	105	80	30	74	131.0
110	123	80	30	74	145.0

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: 6/24/26



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