



**PVC-U Ball valve type 546 Pro with PPA
F0 (Fail safe to open)
With solvent cement sockets PVC-U ASTM
Without manual override
5.6 bar control pressure**

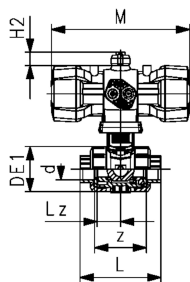
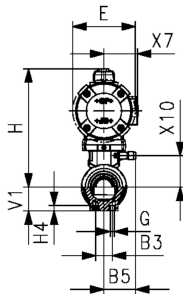
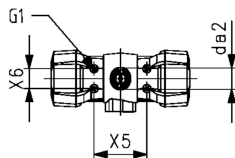
Model:

- 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

* PPA04 FC/FO allows the usage of DN10/15 (1/2") ball valves with water as medium and operated in room temperature conditions (~20°C/68°F) only



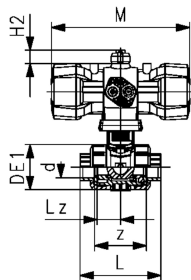
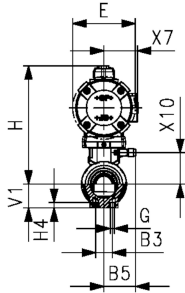
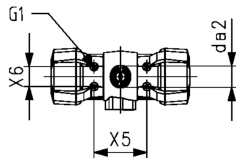
	d (mm)	DN (mm)	Size (inch)	PN (bar)	kv-value (Δp=1 bar) (l/min)	EPDM Code	SP	Weight (kg)
*	16	10	3/8	10	70	199 253 060	1	1.200
	16	10	3/8	10	70	199 253 082	1	1.200
*	20	15	1/2	10	185	199 253 061	1	1.200
	20	15	1/2	10	185	199 253 083	1	1.200
	25	20	3/4	10	350	199 253 084	1	1.300
	32	25	1	10	700	199 253 085	1	1.400
	40	32	1 1/4	10	1000	199 253 086	1	2.500
	50	40	1 1/2	10	1600	199 253 087	1	2.800
	63	50	2	10	3100	199 253 088	1	3.700
	75	65	2 1/2	10	5000	199 253 089	1	7.800
	90	80	3	10	7000	199 253 090	1	10.200
	110	100	4	10	11000	199 253 091	1	15.300

	d (mm)	FKM Code	SP	Weight (kg)
*	16	199 255 140	1	1.200
	16	199 253 092	1	1.200
*	20	199 255 141	1	1.200
	20	199 253 093	1	1.200
	25	199 253 094	1	1.300
	32	199 253 095	1	1.400
	40	199 253 096	1	2.500
	50	199 253 097	1	2.800
	63	199 253 098	1	3.700
	75	199 253 099	1	7.800
	90	199 253 100	1	10.200
	110	199 253 101	1	15.300

	d (mm)	Actuator	B3 (mm)	B5 (mm)	da2 (mm)	DE1 (mm)	E (mm)	G (mm)	G1 (mm)	H (mm)	H2 (mm)	H4 (mm)	L (mm)	Lz (mm)	M (mm)
*	16	PPA04	25	16.2	33	50	63	M6	M5	155	20	12	92	28	115
	16	PPA08	25	16.2	33	50	74	M6	M5	155	20	12	92	28	159
*	20	PPA04	25	16.2	33	50	63	M6	M5	155	20	12	95	28	115
	20	PPA08	25	16.2	33	50	74	M6	M5	155	20	12	95	28	159
	25	PPA08	25	17.5	33	58	74	M6	M5	159	20	12	110	33	159
	32	PPA15	25	17.5	33	68	94	M6	M5	178	20	12	123	36	211
	40	PPA15	45	23.3	33	84	94	M8	M5	184	20	15	146	43	211
	50	PPA40	45	23.3	33	97	120	M8	M5	213	20	15	157	45	246

Data sheet

valid from: 2/8/25



d	Actuator	B3	B5	da2	DE1	E	G	G1	H	H2	H4	L	Lz	M
(mm)		(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
63	PPA40	45	24.3	33	124	120	M8	M5	228	20	15	183	51	246
75	PPA80	70	28.5	33	166	142	M8	M5	277	20	15	233	68	343
90	PPA80	70	28.5	33	200	142	M8	M5	289	20	15	254	71	343
110	PPA80	120	28.5	33	238	142	M12	M5	324	20	22	301	82	343

d	V1	X5	X6	X7	X10	z
(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
* 16	27	80	30	34	38.0	64
16	27	80	30	43	38.0	64
* 20	27	80	30	34	38.0	64
20	27	80	30	43	38.0	64
25	30	80	30	43	41.9	72
32	36	80	30	51	47.0	79
40	44	80	30	51	53.5	94
50	51	80	30	62	62.8	95
63	64	80	30	62	77.0	107
75	85	80	30	74	119.0	144
90	105	80	30	74	131.0	151
110	123	80	30	74	145.0	174

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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