



**PVC-U Ball valve type 546 Pro with PPA  
FC (Fail safe to close)  
With solvent cement sockets metric**

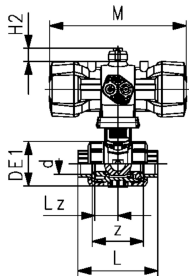
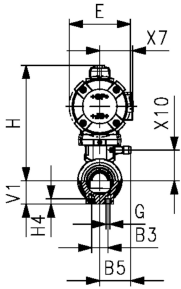
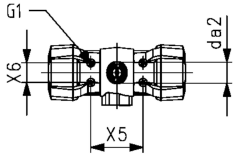
**Model:**

- Control pressure supply through integrated NAMUR interface according VDI/VDE 3845
- Full plastic solution (actuator housing made of PP-GF)
- Visual position indicator

**Option:**

- Position feedback through double sensor with LED (PNP, NPN and NAMUR)
- Positioner RPC, RPC D, RPC PID

\* 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



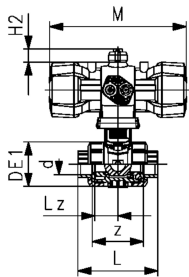
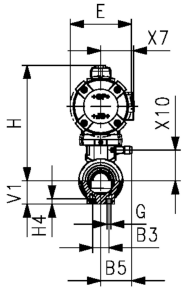
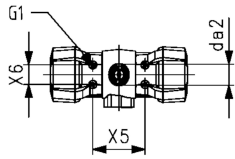
	d (mm)	DN (mm)	Size (inch)	PN (bar)	kv-value (Δp=1 bar) (l/min)	EPDM Code	SP	Weight (kg)
*	16	10	3/8	10	70	199 250 000	1	3.074
	16	10	3/8	10	70	199 250 122	1	3.074
*	20	15	1/2	10	185	199 250 001	1	1.034
	20	15	1/2	10	185	199 250 123	1	1.034
	25	20	3/4	10	350	199 250 124	1	1.133
	32	25	1	10	700	199 250 125	1	1.400
	40	32	1 1/4	10	1000	199 250 126	1	2.183
	50	40	1 1/2	10	1600	199 250 127	1	2.408
	63	50	2	10	3100	199 250 128	1	3.121
	75	65	2 1/2	10	5000	199 250 129	1	6.136
	90	80	3	10	7000	199 250 130	1	9.536
	110	100	4	10	11000	199 250 131	1	15.500

	d (mm)	FKM Code	SP	Weight (kg)
*	16	199 250 010	1	1.159
	16	199 250 132	1	1.159
*	20	199 250 011	1	1.034
	20	199 250 133	1	1.034
	25	199 250 134	1	1.133
	32	199 250 135	1	1.238
	40	199 250 136	1	2.188
	50	199 250 137	1	2.421
	63	199 250 138	1	3.163
	75	199 250 139	1	7.800
	90	199 250 140	1	10.200
	110	199 250 141	1	15.500

	d (mm)	Actuator	B3 (mm)	B5 (mm)	da2 (mm)	DE1 (mm)	E (mm)	G (mm)	G1	H (mm)	H2 (mm)	H4 (mm)	L (mm)	M (mm)	V1 (mm)
*	16	PPA04	25	16.2	33	50	74	M6	M5	155	20	12	92	115	27
	16	PPA08	25	16.2	33	50	74	M6	M5	155	20	12	92	159	27
*	20	PPA04	25	16.2	33	50	74	M6	M5	155	20	12	95	115	27
	20	PPA08	25	16.2	33	50	74	M6	M5	155	20	12	95	159	27
	25	PPA08	25	17.5	33	58	74	M6	M5	159	20	12	110	159	30
	32	PPA15	25	17.5	33	68	94	M8	M5	178	20	12	123	211	36
	40	PPA15	45	23.3	33	84	94	M8	M5	184	20	15	146	211	44
	50	PPA40	45	23.3	33	97	120	M8	M5	213	20	15	157	246	51
	63	PPA40	45	24.3	33	124	120	M8	M5	228	20	15	183	246	64
	75	PPA80	70	28.5	33	166	142	M8	M5	277	20	15	233	343	85
	90	PPA80	70	28.5	33	200	142	M8	M5	289	20	15	254	343	105
	110	PPA80	120	28.5	33	238	142	M12	M5	324	20	22	301	343	123

# Data sheet

valid from: 4/3/25



	d	X5	X6	X7	X10	z
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
*	16	80	30	43	38.00	64
	16	80	30	43	38.00	64
*	20	80	30	43	38.00	64
	20	80	30	43	38.00	64
	25	80	30	43	41.90	72
	32	80	30	51	47.00	79
	40	80	30	51	53.50	94
	50	80	30	62	62.75	95
	63	80	30	62	77.00	107
	75	80	30	74	119.00	144
	90	80	30	74	131.00	151
	110	80	30	74	145.00	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.

Georg Fischer Piping Systems Ltd, Postfach, CH-8201 Schaffhausen/Switzerland Phone +41 -(0)52-631 1111 e-mail: info.ps@georgfischer.com Internet: <http://www.gfps.com>