

PVC-U Vented Ball valve type 546 Pro V with PPA FC (Fail safe to close)
With solvent cement sockets PVC-U ISO
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
- 3 mm drilled hole inside the ball
- Benefits: Safely releases trapped gas or liquid; Reduces risk of rupture, leakage, and explosion; Protects valve seals and components from pressure-related wear
- Range of use: The vented ball valve is designed for applications such as: chlorinated water, water where bleach (**sodium hypochlorite solutions**) is present, and other applications where liquids requiring out-gassing exist.
- General functions: The special vent on side of the ball allows for pressure to be released back into the closed system. (Upstream) This helps prevent potentially dangerous pressure from building up inside the valve.

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

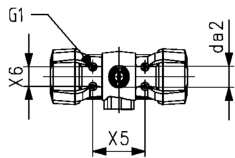
d (mm)	DN (mm)	Size (inch)	PN (bar)	kv-value (Δp=1 bar) (L/min)	EPDM Code	SP	Weight (kg)	FKM Code	SP	Weight (kg)
16	10	3/8	10	70	199250122V	1	3.074	199250132V	1	1.159
20	15	1/2	10	185	199250123V	1	1.034	199250133V	1	1.034
25	20	3/4	10	350	199250124V	1	1.133	199250134V	1	1.133
32	25	1	10	700	199250125V	1	1.400	199250135V	1	1.238
40	32	1 1/4	10	1000	199250126V	1	2.183	199250136V	1	2.188
50	40	1 1/2	10	1600	199250127V	1	2.408	199250137V	1	2.421
63	50	2	10	3100	199250128V	1	3.121	199250138V	1	3.163
75	65	2 1/2	10	5000	199250129V	1	6.136	199250139V	1	7.800
90	80	3	10	7000	199250130V	1	9.536	199250140V	1	10.200
110	100	4	10	11000	199250131V	1	15.500	199250141V	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)	X5 (mm)
16	PPA08	25	16.2	33	50	74	M6	M5	155	20	12	92	159	27	80
20	PPA08	25	16.2	33	50	74	M6	M5	155	20	12	95	159	27	80
25	PPA08	25	17.5	33	58	74	M6	M5	159	20	12	110	159	30	80
32	PPA15	25	17.5	33	68	94	M8	M5	178	20	12	123	211	36	80
40	PPA15	45	23.3	33	84	94	M8	M5	184	20	15	146	211	44	80
50	PPA40	45	23.3	33	97	120	M8	M5	213	20	15	157	246	51	80
63	PPA40	45	24.3	33	124	120	M8	M5	228	20	15	183	246	64	80
75	PPA80	70	28.5	33	166	142	M8	M5	277	20	15	233	343	85	80
90	PPA80	70	28.5	33	200	142	M8	M5	289	20	15	254	343	105	80
110	PPA80	120	28.5	33	238	142	M12	M5	324	20	22	301	343	123	80

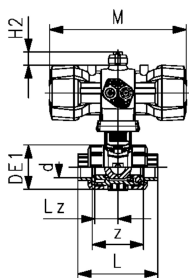
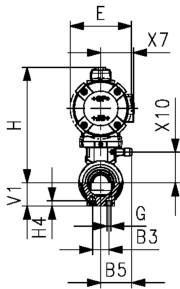
d (mm)	X6 (mm)	X7 (mm)	X10 (mm)	z (mm)
16	30	43	38.00	64
20	30	43	38.00	64
25	30	43	41.90	72
32	30	51	47.00	79
40	30	51	53.50	94
50	30	62	62.75	95

Data sheet

valid from: 6/26/25



d (mm)	X6 (mm)	X7 (mm)	X10 (mm)	z (mm)
63	30	62	77.00	107
75	30	74	119.00	144
90	30	74	131.00	151
110	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>