Data sheet

valid from: 4/8/26



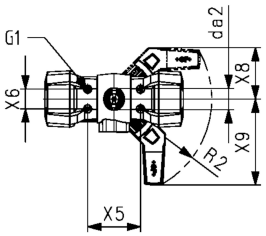
PVC-C Ball valve type 546 Pro with PPA
FO (Fail Safe to Open)
With solvent cement sockets PVC-C ISO
With manual override

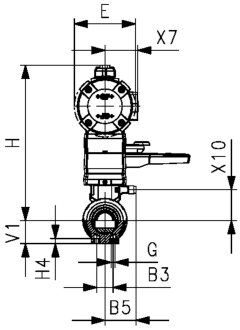
Model:

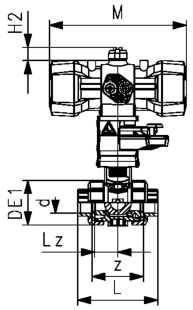
- Control pressure supply through integrated NAMUR interface according VDI/VDE 3845
- Full plastic solution (actuator housing made of PP-GF)
- Visual position indicator
- Integrated stainless steel mounting inserts
- z-dimension, valve end and union nut are compatible with type 546 (1st Generation)

Option:

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







d (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	⅜	10	70	**199 250 442**	1	1.459	**199 250 452**	1	1.149
20	15	½	10	185	**199 250 443**	1	1.459	**199 250 453**	1	1.459
25	20	¾	10	350	**199 250 444**	1	1.576	**199 250 454**	1	1.576
32	25	1	10	700	**199 250 445**	1	1.700	**199 250 455**	1	1.700
40	32	1 ¼	10	1000	**199 250 446**	1	2.751	**199 250 456**	1	2.751
50	40	1 ½	10	1600	**199 250 447**	1	3.073	**199 250 457**	1	3.073
63	50	2	10	3100	**199 250 448**	1	3.931	**199 250 458**	1	3.931

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)	R2
16	PPA08	25	16.2	33	50	74	M6	M5	215	20	12	92	28	159	R150
20	PPA08	25	16.2	33	50	74	M6	M5	215	20	12	95	28	159	R150
25	PPA08	25	17.5	33	58	74	M6	M5	219	20	12	110	33	159	R150
32	PPA15	25	17.5	33	68	94	M6	M5	238	20	12	123	36	211	R150
40	PPA15	45	23.3	33	84	94	M8	M5	244	20	15	146	43	211	R150
50	PPA40	45	23.3	33	97	120	M8	M5	273	20	15	157	45	246	R150
63	PPA40	45	24.3	33	124	120	M8	M5	288	20	15	183	51	246	R150

d (mm)	V1 (mm)	X5 (mm)	X6 (mm)	X7 (mm)	X8 (mm)	X9 (mm)	X10 (mm)	z (mm)
16	27	80	30	43	78	132	38.00	64
20	27	80	30	43	78	132	38.00	64
25	30	80	30	43	78	132	41.90	72
32	36	80	30	51	78	132	47.00	79
40	44	80	30	51	78	132	53.50	94
50	51	80	30	62	78	132	62.75	95
63	64	80	30	62	78	132	77.00	107

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/SwitzerlandPhone +41 -(0)52-631 1111e-mail: info.ps@georgfischer.comInternet: http://www.gfps.com