Data sheet

valid from: 4/7/26

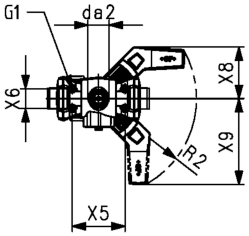
SYGEF Standard PVDF Ball valve type 546 Pro with PPA
DA (Double Acting)
With socket fusion spigot PVDF ISO
With manual override

Model:

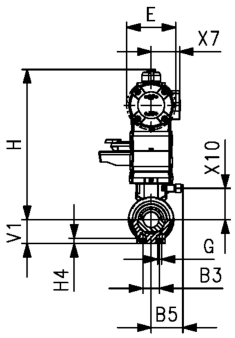
- Control pressure supply through integrated NAMUR interface according VDI/VDE 3845
- Full plastic solution (actuator housing made of PP-GF)
- Visual position indicator
- Integrated stainless steel mounting inserts
- z-dimension, valve end and union nut are compatible with type 546 (1st Generation)

Option:

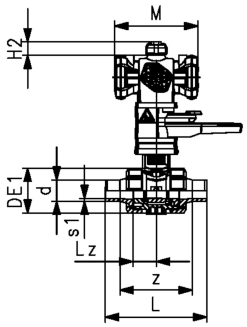
- Position feedback through double sensor with LED (PNP, NPN and NAMUR)
- Positioner RPC, RPC D, RPC PID
- Individual configuration of valves possible



d (mm)	DN (mm)	Size (inch)	PN (bar)	kv-value (Δp=1 bar) (l/min)	FKM Code	SP	Weight (kg)
16	10	⅜	10	70	**199 252 112**	1	1.500
20	15	½	10	185	**199 252 113**	1	1.500
25	20	¾	10	350	**199 252 114**	1	1.600
32	25	1	10	700	**199 252 115**	1	1.700
40	32	1 ¼	10	1000	**199 252 116**	1	2.800
50	40	1 ½	10	1600	**199 252 117**	1	3.100
63	50	2	10	3100	**199 252 118**	1	4.000



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	95	28	128	R150
20	PPA08	25	16.2	33	50	74	M6	M5	215	20	12	100	28	128	R150
25	PPA08	25	17.5	33	58	74	M6	M5	219	20	12	114	33	128	R150
32	PPA08	25	17.5	33	68	94	M6	M5	238	20	12	127	36	128	R150
40	PPA15	45	23.3	33	84	94	M8	M5	244	20	15	146	43	159	R150
50	PPA15	45	23.3	33	97	120	M8	M5	273	20	15	152	45	159	R150
63	PPA40	45	24.3	33	124	120	M8	M5	288	20	15	177	51	184	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	67
20	27	80	30	43	78	132	38.00	66
25	30	80	30	43	78	132	41.90	77
32	36	80	30	51	78	132	47.00	83
40	44	80	30	51	78	132	53.50	99
50	51	80	30	62	78	132	62.75	105
63	64	80	30	62	78	132	77.00	117

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