



**PROGEF Standard PP-H Ball valve type 546 Pro with PPA  
FC (Fail safe to close)  
With fusion sockets PP-H ISO  
Without manual override  
5.6 bar control pressure**

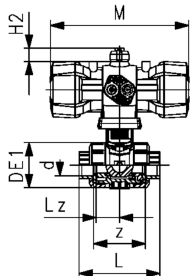
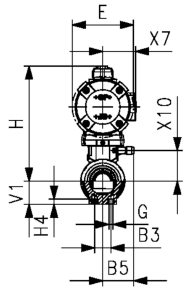
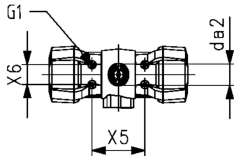
**Model:**

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



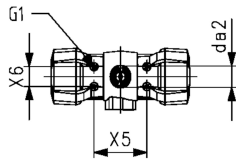
	d (mm)	DN (mm)	Size (inch)	PN (bar)	kv-value (Δp=1 bar) (l/min)	EPDM Code	SP	Weight (kg)
*	16	10	3/8	10	70	199 255 160	1	1.200
	16	10	3/8	10	70	199 251 122	1	1.200
*	20	15	1/2	10	185	199 255 161	1	1.002
	20	15	1/2	10	185	199 251 123	1	1.002
	25	20	3/4	10	350	199 251 124	1	1.072
	32	25	1	10	700	199 251 125	1	1.149
	40	32	1 1/4	10	1000	199 251 126	1	2.500
	50	40	1 1/2	10	1600	199 251 127	1	2.185
	63	50	2	10	3100	199 251 128	1	2.719
	75	65	2 1/2	10	5000	199 251 129	1	6.600
	90	80	3	10	7000	199 251 130	1	8.400
	110	100	4	10	11000	199 251 131	1	12.600

	d (mm)	FKM Code	Weight (kg)	SP
*	16	199 255 170	1.200	1
	16	199 251 132	1.200	1
*	20	199 255 171	0.996	1
	20	199 251 133	0.996	1
	25	199 251 134	1.300	1
	32	199 251 135	1.129	1
	40	199 251 136	2.500	1
	50	199 251 137	2.800	1
	63	199 251 138	3.700	1
	75	199 251 139	5.142	1
	90	199 251 140	8.057	1
	110	199 251 141	12.600	1

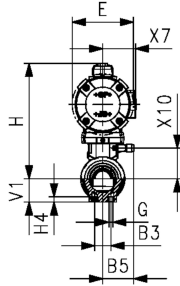
	d (mm)	Actuator	B3 (mm)	B5 (mm)	da2 (mm)	DE1 (mm)	E (mm)	G (mm)	G1 (mm)	H (mm)	H2 (mm)	H4 (mm)	L (mm)	Lz (mm)	M (mm)
*	16	PPA04	25	16.2	33	50	63	M6	M5	155	20	12	93	28	115
	16	PPA08	25	16.2	33	50	74	M6	M5	155	20	12	93	28	159
*	20	PPA04	25	16.2	33	50	63	M6	M5	155	20	12	95	28	115
	20	PPA08	25	16.2	33	50	74	M6	M5	155	20	12	95	28	159
	25	PPA08	25	17.5	33	58	74	M6	M5	159	20	12	109	33	159
	32	PPA15	25	17.5	33	68	94	M6	M5	178	20	12	119	36	211
	40	PPA15	45	23.3	33	84	94	M8	M5	184	20	15	135	43	211
	50	PPA40	45	23.3	33	97	120	M8	M5	213	20	15	147	45	246

# Data sheet

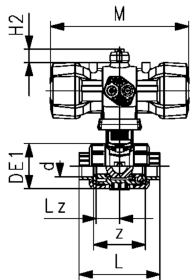
valid from: 2/8/25



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	288	20	15	168	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
	16	27	80	30	43	38.0
*	20	27	80	30	34	38.0
	20	27	80	30	43	38.0
	25	30	80	30	43	41.9
	32	36	80	30	51	47.0
	40	44	80	30	51	53.5
	50	51	80	30	62	62.8
	63	64	80	30	62	77.0
	75	85	80	30	74	119.0
	90	105	80	30	74	131.0
	110	123	80	30	74	145.0



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>