Data sheet

valid from: 3/30/26



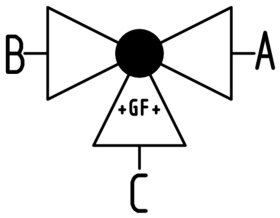
3-Way Ball Valve Type 543 Pro P PVC-U
Horizontal/L-port
FC (Fail safe to close)
Without manual override
With solvent cement sockets metric

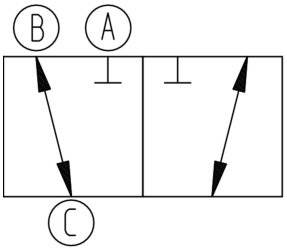
Model:

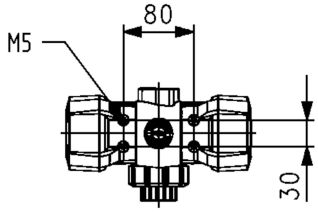
- Control pressure supply through integrated NAMUR interface according VDI/VDE 3845 with 5.6 bar (81.2 psi)
- Basic position B-C opened, activated position A-C opened, see flow scheme
- Control time 90° <) 1-2s
- For easy installation and removal
- Integrated stainless steel mounting inserts
- Full plastic solution (actuator housing made of PP-GF)
- Visual position indicator
- Z-dimension, valve end and union nut are compatible with types 285 – 288 and 543 (1st Generation)

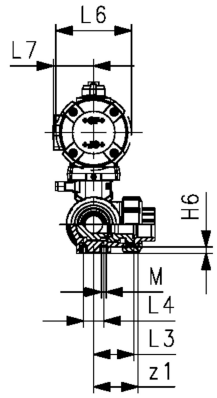
Option:

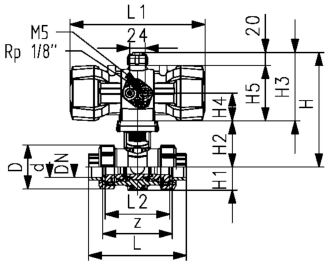
- Position feedback sensor, incl. LED feedback (DN10-50) - PNP, NPN and NAMUR
- Positioner RPC, RPC D, RPC PID
- Individual configuration of the valve











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	50	**199 295 022**	1	1.115	**199 295 032**	1	1.115
20	15	½	10	150	**199 295 023**	1	1.121	**199 295 033**	1	1.121
25	20	¾	10	150	**199 295 024**	1	1.227	**199 295 034**	1	1.228
32	25	1	10	280	**199 295 025**	1	1.439	**199 295 035**	1	1.413
40	32	1 ¼	10	480	**199 295 026**	1	2.539	**199 295 036**	1	2.539
50	40	1 ½	10	620	**199 295 027**	1	3.592	**199 295 037**	1	2.991
63	50	2	10	1230	**199 295 028**	1	4.298	**199 295 038**	1	4.352

d (mm)	Actuator	D (mm)	H (mm)	H1 (mm)	H2 (mm)	H3 (mm)	H4 (mm)	H5 (mm)	H6 (mm)	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	L6 (mm)
16	PPA08	50	157	28	62	95	41	75	8	109	159	73	36	25	74
20	PPA08	58	157	32	62	95	41	75	8	131	159	86	43	25	74
25	PPA15	58	179	32	71	108	45	88	8	131	211	86	43	25	94
32	PPA15	68	179	36	71	108	45	88	8	151	211	99	50	25	94
40	PPA40	84	215	45	84	131	56	111	9	181	246	120	60	45	120
50	PPA40	97	215	51	84	131	56	111	9	205	246	137	69	45	120
63	PPA40	124	237	65	106	131	56	111	9	261	224	179	89	45	120

d (mm)	L7 (mm)	M	z (mm)	z1 (mm)	closest inch (inch)
16	32	6	81	40	⅜
20	32	6	94	47	¾
25	38	6	94	47	¾
32	38	6	107	54	1
40	47	8	130	65	1 ¼
50	47	8	143	72	1 ½
63	47	8	185	92	2

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