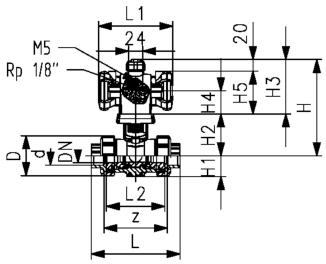
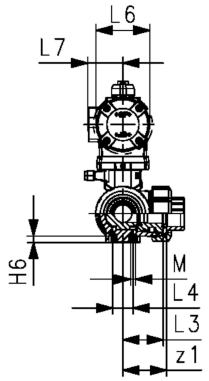
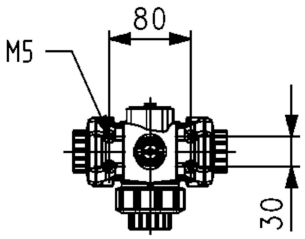
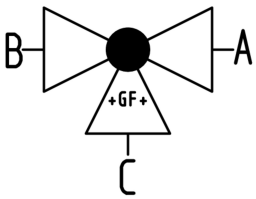
Data sheet

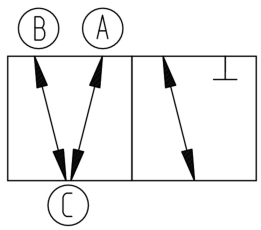
valid from: 1/12/24











SYGEF Standard 3-Way ball valve type 543 Pro P
Horizontal/T-port
DA (Double acting)
Without manual override
With fusion sockets metric

Model:

- Material: PVDF
- Control pressure supply through integrated NAMUR interface according VDI/VDE 3845 with 5.6 bar (81.2 psi)
- Basic position A-B-C opened, activated position B-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)	FKM Code	SP	Weight (kg)
16	10	⅜	10	140	**199 297 232**	1	0.991
20	15	½	10	200	**199 297 233**	1	0.999
25	20	¾	10	470	**199 297 234**	1	1.157
32	25	1	10	793	**199 297 235**	1	1.394
40	32	1 ¼	10	1290	**199 297 236**	1	2.362
50	40	1 ½	10	1910	**199 297 237**	1	2.928
63	50	2	10	3100	**199 297 238**	1	4.628

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	110	128	72	36	25	74
20	PPA08	50	157	28	62	95	41	75	8	112	128	72	36	25	74
25	PPA08	58	166	32	71	95	41	75	8	129	128	85	43	25	74
32	PPA08	68	166	36	71	95	41	75	8	146	128	98	49	25	74
40	PPA15	84	192	45	84	108	45	88	9	170	165	118	59	45	94
50	PPA15	97	192	51	84	108	45	88	9	193	165	135	68	45	94
63	PPA40	124	237	65	106	131	56	111	9	244	184	176	88	45	120

d (mm)	L7 (mm)	M	z (mm)	z1 (mm)	closest inch (inch)
16	32	6	82	41	⅜
20	32	6	82	41	½
25	32	6	97	49	¾
32	32	6	110	55	1
40	38	8	132	66	1 ¼
50	38	8	151	76	1 ½
63	47	8	188	94	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/Switzerland Phone +41 -(0)52-631 1111 e-mail: info.ps@georgfischer.com Internet: http://www.gfps.com