Data sheet

valid from: 3/30/26

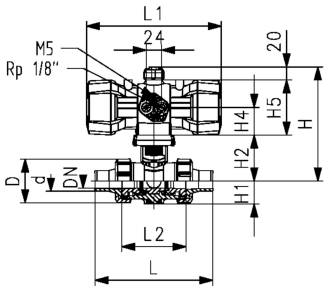
SYGEF Standard 3-Way ball valve type 543 Pro P
Horizontal/L-port
Without manual override
With butt fusion spigots IR-Plus metric

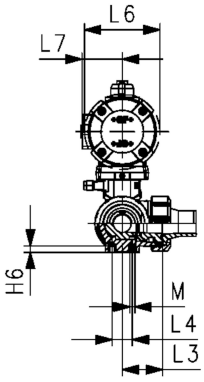
Model:

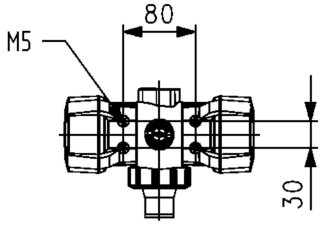
- Material: PVDF
- Actuator fails safe to the closed position FC
- Control pressure supply through integrated NAMUR interface according VDI/VDE 3845 with 5.6 bar (81.2 psi)
- Basic position B-C opened, activated position A-C opened, see flow scheme
- Control time 90° <) 1-2s
- For easy installation and 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)

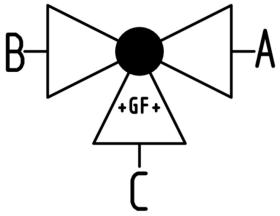
Option:

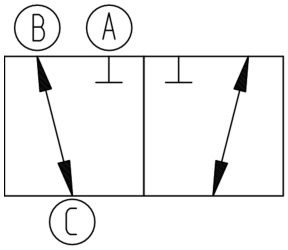
- Position feedback sensor, incl. LED feedback (DN10-50) - PNP, NPN and NAMUR
- Positioner RPC, RPC D, RPC PID
- Individual configuration of the valve











d (mm)	DN (mm)	Size (inch)	PN (bar)	kv-value (Δp=1 bar) (l/min)	FKM Code	SP	Weight (kg)
20	15	½	10	75	**199 297 053**	1	1.666
25	20	¾	10	150	**199 297 054**	1	1.369
32	25	1	10	280	**199 297 055**	1	1.623
40	32	1 ¼	10	480	**199 297 056**	1	2.710
50	40	1 ½	10	620	**199 297 057**	1	3.294
63	50	2	10	1230	**199 297 058**	1	4.982

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)
20	PPA08	50	157	28	62	95	41	75	8	146	159	72	36	25	74
25	PPA15	58	179	32	71	108	45	88	8	163	211	85	43	25	94
32	PPA15	68	179	36	71	108	45	88	8	178	211	98	49	25	94
40	PPA40	84	215	45	84	131	56	111	9	204	246	118	59	45	120
50	PPA40	97	215	51	84	131	56	111	9	237	246	135	68	45	120
63	PPA40	124	237	65	106	131	56	111	9	296	246	176	88	45	120

d (mm)	L7 (mm)	M	closest inch (inch)
20	32	6	½
25	38	6	¾
32	38	6	1
40	47	8	1 ¼
50	47	8	1 ½
63	47	8	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.

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