

Product Range International 2015

Piping systems for industrial application

Ball valves

546

Ball valve type 546 PVC-C With mounting inserts With solvent cement sockets metric

Model:

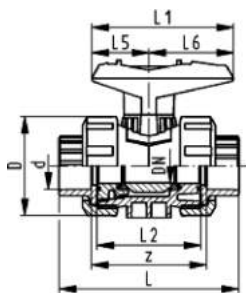
- For easy installation and removal
- Ball seals PTFE
- Integrated stainless steel mounting inserts
- z-dimension, valve end and union nut are **not compatible** with type 346 (DN10/15-50) resp. type 370 (DN65-100)

Option:

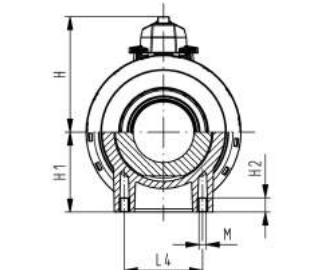
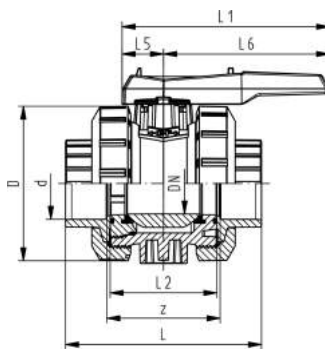
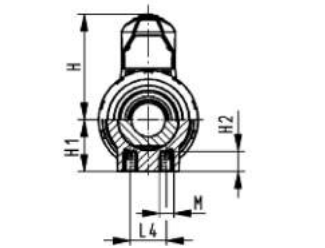
- Individual configuration of the valve (see diagram)
- Multifunctional module with integrated limit switches
- Pneumatic or electric actuators from +GF+



DN10/15 - 50



d [mm]	DN [mm]	PN [bar]	kv-value ($\Delta p=1$ bar) [l/min]	EPDM Code	SP	Weight [kg]	FPM Code	SP	Weight [kg]
16	10	16	71	163 546 061	1	0.160	163 546 071	1	0.160
20	15	16	185	163 546 062	1	0.169	163 546 072	1	0.160
25	20	16	350	163 546 063	1	0.255	163 546 073	1	0.245
32	25	16	700	163 546 064	1	0.370	163 546 074	1	0.373
40	32	16	1000	163 546 065	1	0.648	163 546 075	1	0.658
50	40	16	1600	163 546 066	1	0.894	163 546 076	1	0.890
63	50	16	3100	163 546 067	1	1.653	163 546 077	1	1.662
75	65	16	5000	163 546 068	1	3.552	163 546 078	1	4.122
90	80	16	7000	163 546 069	1	6.646	163 546 079	1	6.698
110	100	16	11000	163 546 070	1	9.697	163 546 080	1	12.700

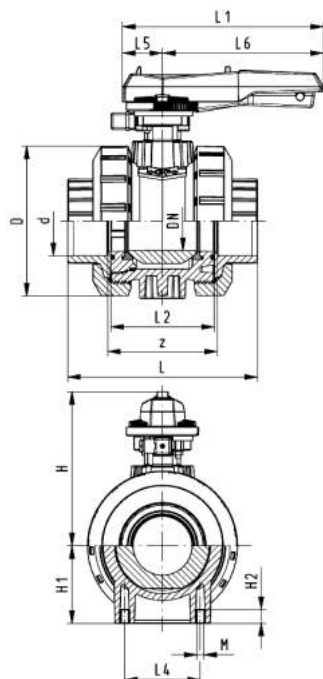
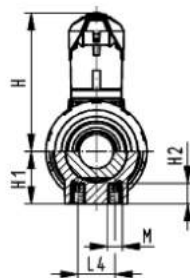
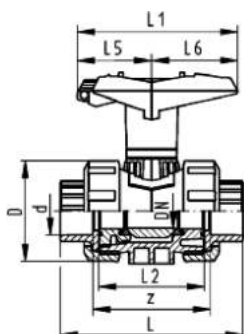


d [mm]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	L [mm]	L1 [mm]	L2 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	M	z [mm]	closest inch [inch]
16	50	57	27	12	92	77	56	25	32	45	M6	64	3/8
20	50	57	27	12	95	77	56	25	32	45	M6	64	1/2
25	58	67	30	12	110	97	65	25	39	58	M6	72	3/4
32	68	73	36	12	123	97	71	25	39	58	M6	79	1
40	84	90	44	15	146	128	85	45	54	74	M8	94	1 1/4
50	97	97	51	15	157	128	89	45	54	74	M8	95	1 1/2
63	124	116	64	15	183	152	101	45	66	87	M8	107	2
75	166	149	85	15	233	270	136	70	64	206	M8	144	2 1/2
90	200	161	105	15	254	270	141	70	64	206	M8	151	3
110	238	178	123	22	301	320	164	120	64	256	M12	174	4

PF 2 32 541 801



DN10/15 - 50



Ball valve type 546 PVC-C With lockable handle With solvent cement sockets metric

Model:

- For easy installation and removal
- Ball seals PTFE
- Integrated stainless steel mounting inserts
- z-dimension, valve end and union nut are **not compatible** with type 346 (DN10/15-50) resp. type 370 (DN65-100)
- Lockable hand lever with ratchet settings

Option:

- Individual configuration of the valve (see diagram)
- Multifunctional module with integrated limit switches
- Pneumatic or electric actuators from +GF+

d [mm]	DN [mm]	PN [bar]	kv-val- ue ($\Delta p=1$ bar) [l/min]	EPDM Code	SP	Weight [kg]	FPM Code	SP	Weight [kg]
16	10	16	71	163 546 081	1	0.175	163 546 091	1	0.175
20	15	16	185	163 546 082	1	0.175	163 546 092	1	0.175
25	20	16	350	163 546 083	1	0.270	163 546 093	1	0.270
32	25	16	700	163 546 084	1	0.390	163 546 094	1	0.390
40	32	16	1000	163 546 085	1	0.700	163 546 095	1	0.700
50	40	16	1600	163 546 086	1	0.930	163 546 096	1	0.930
63	50	16	3100	163 546 087	1	1.695	163 546 097	1	1.695
75	65	16	5000	163 546 088	1	4.900	163 546 098	1	4.900
90	80	16	7000	163 546 089	1	6.647	163 546 099	1	7.400
110	100	16	11000	163 546 090	1	11.600	163 546 100	1	0.000

d [mm]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	L [mm]	L1 [mm]	L2 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	M	z [mm]	closest inch [inch]
16	50	79	27	12	92	87	56	25	42	45	M6	64	3/8
20	50	79	27	12	95	87	56	25	42	45	M6	64	1/2
25	58	88	30	12	110	108	65	25	50	58	M6	72	3/4
32	68	94	36	12	123	108	71	25	50	58	M6	79	1
40	84	113	44	15	146	140	85	45	66	75	M8	94	1 1/4
50	97	119	51	15	157	140	89	45	66	75	M8	95	1 1/2
63	124	141	64	15	183	165	101	45	78	87	M8	107	2
75	166	224	85	15	233	270	136	70	64	206	M8	144	2 1/2
90	200	235	105	15	254	270	141	70	64	206	M8	151	3
110	238	245	123	22	301	320	164	120	64	256	M12	174	4

PF 2 32 541 801



DN10/15 - 50



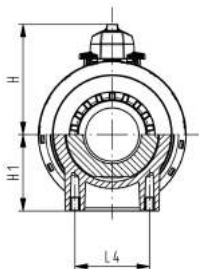
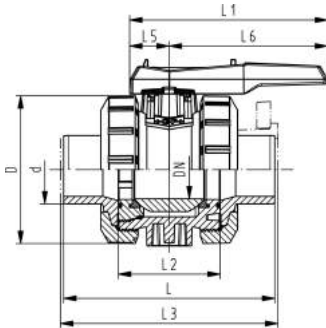
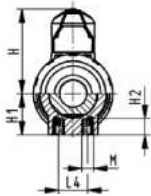
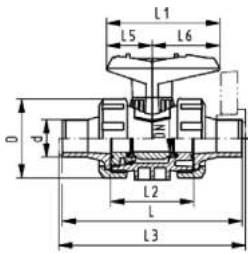
Ball valve type 546 PVC-C With mounting inserts With solvent cement spigots metric

Model:

- For easy installation and removal
- Ball seals PTFE
- Integrated stainless steel mounting inserts
- z-dimension, valve end and union nut are **not compatible** with type 346 (DN10/15-50) resp. type 370 (DN65-100)

Option:

- Individual configuration of the valve (see diagram)
- Multifunctional module with integrated limit switches
- Pneumatic or electric actuators from +GF+



d [mm]	DN [mm]	PN [bar]	kv-value ($\Delta p=1$ bar) [l/min]	EPDM Code	SP	Weight [kg]	FPM Code	SP	Weight [kg]
16	10	16	71	163 546 381	1	0.162	163 546 391	1	0.162
20	15	16	185	163 546 382	1	0.162	163 546 392	1	0.162
25	20	16	350	163 546 383	1	0.247	163 546 393	1	0.247
32	25	16	700	163 546 384	1	0.367	163 546 394	1	0.367
40	32	16	1000	163 546 385	1	0.665	163 546 395	1	0.665
50	40	16	1600	163 546 386	1	0.895	163 546 396	1	0.895
63	50	16	3100	163 546 387	1	1.655	163 546 397	1	1.655
75	65	16	5000	163 546 388	1	5.500	163 546 398	1	5.500
90	80	16	7000	163 546 389	1	8.200	163 546 399	1	8.200
110	100	16	11000	163 546 390	1	12.900	163 546 400	1	12.900

d [mm]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	M	closest inch [inch]
16	50	57	27	12	114	77	56		25	32	45	M6	3/8
20	50	57	27	12	124	77	56	130	25	32	45	M6	1/2
25	58	67	30	12	144	97	65	150	25	39	58	M6	3/4
32	68	73	36	12	154	97	71	160	25	39	58	M6	1
40	84	90	44	15	174	128	85	180	45	54	74	M8	1 1/4
50	97	97	51	15	194	128	89	200	45	54	74	M8	1 1/2
63	124	116	64	15	224	152	101	230	45	66	87	M8	2
75	166	149	85	15	284	270	136	290	70	64	206	M8	2 1/2
90	200	161	105	15	300	270	141	310	70	64	206	M8	3
110	238	178	123	22	340	320	164	350	120	64	256	M12	4

PF 2 32 541 801



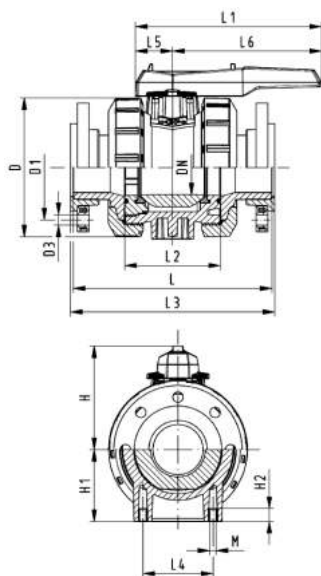
Ball valve type 546 PVC-C With mounting inserts With backing flanges PP-st metric

Model:

- For easy installation and removal
- Ball seals PTFE
- Integrated stainless steel mounting inserts
- z-dimension, valve end and union nut are **not compatible** with type 346 (DN10/15-50) resp. type 370 (DN65-100)
- Overall length according to EN 558
- Connecting dimension: ISO 7005, EN 1092, BS 4504, DIN 2501

Option:

- Individual configuration of the valve (see diagram)
- Multifunctional module with integrated limit switches
- Pneumatic or electric actuators from +GF+



PF 2 32 541 801

d [mm]	DN [mm]	PN [bar]	kv-val- ue ($\Delta p=1$ bar) [l/min]	EPDM Code	SP	Weight [kg]	FPM Code	SP	Weight [kg]	
75	65	16	5000	163 546 108	1	6.000	163 546 118	1	6.546	
90	80	16	7000	163 546 109	1	9.501	163 546 119	1	9.320	
110	100	16	11000	163 546 110	1	14.200	163 546 120	1	14.200	

d [mm]	D [mm]	D1 [mm]	D3 [mm]	H [mm]	H1 [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	M	
75	166	145	18	149	85	284	270	136	290	70	64	206	8	
90	200	160	18	161	105	300	270	141	310	70	64	206	8	
110	238	180	18	178	123	340	320	164	350	120	64	256	12	



DN10/15 - 50



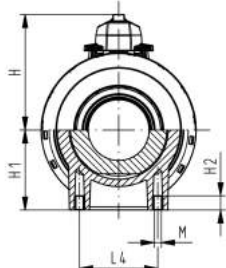
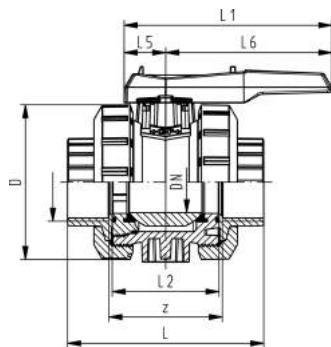
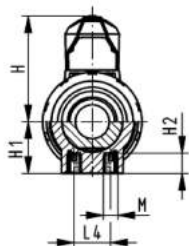
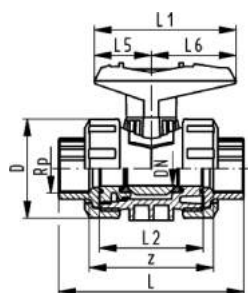
Ball valve type 546 PVC-C With mounting inserts With threaded sockets Rp

Model:

- For easy installation and removal
- Ball seals PTFE
- Integrated stainless steel mounting inserts
- z-dimension, valve end and union nut are **not compatible** with type 346 (DN10/15-50) resp. type 370 (DN65-100)

Option:

- Individual configuration of the valve (see diagram)
- Multifunctional module with integrated limit switches
- Pneumatic or electric actuators from +GF+



Rp [inch]	DN [mm]	PN [bar]	kv-val- ue ($\Delta p=1$ bar) [l/min]	EPDM Code	SP	Weight [kg]	FPM Code	SP	Weight [kg]
3/8	10	10	71	163 546 401	1	0.162	163 546 411	1	0.162
1/2	15	10	185	163 546 402	1	0.162	163 546 412	1	0.162
3/4	20	10	350	163 546 403	1	0.247	163 546 413	1	0.247
1	25	10	700	163 546 404	1	0.367	163 546 414	1	0.367
1 1/4	32	10	1000	163 546 405	1	0.665	163 546 415	1	0.665
1 1/2	40	10	1600	163 546 406	1	0.895	163 546 416	1	0.895
2	50	10	3100	163 546 407	1	1.655	163 546 417	1	1.655
2 1/2	65	10	5000	163 546 408	1	5.400	163 546 418	1	5.400
3	80	10	7000	163 546 409	1	8.100	163 546 419	1	8.100
4	100	10	11000	163 546 410	1	12.700	163 546 420	1	12.700

Rp [inch]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	L [mm]	L1 [mm]	L2 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	M	z [mm]
3/8	50	57	27	12	95	77	56	25	32	45	M6	69
1/2	50	57	27	12	100	77	56	25	32	45	M6	67
3/4	58	67	30	12	114	97	65	25	39	58	M6	78
1	68	73	36	12	127	97	71	25	39	58	M6	85
1 1/4	84	90	44	12	146	128	85	45	54	74	M8	100
1 1/2	97	97	51	15	152	128	89	45	54	74	M8	106
2	124	116	64	15	177	152	101	45	66	87	M8	121
2 1/2	166	149	85	15	233	270	136	70	64	206	M8	144
3	200	161	105	15	254	270	141	70	64	206	M8	151
4	238	178	123	22	301	320	164	120	64	256	M12	174

PF 2 32 541 801



DN10/15 - 50



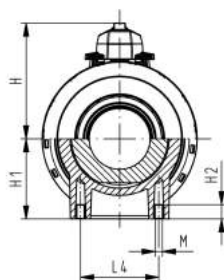
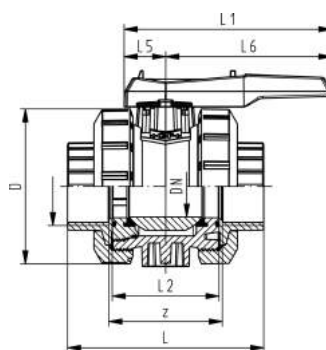
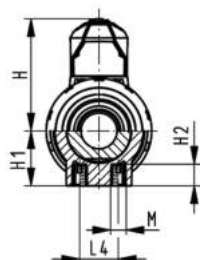
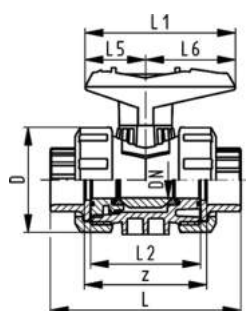
Ball valve type 546 PVC-C **With mounting inserts** **With solvent cement sockets Inch ASTM** **Including 2 threaded union ends NPT**

Model:

- For easy installation and removal
- Ball seals PTFE
- Integrated stainless steel mounting inserts
- Threaded valve ends are only enclosed for DN10/15-50
- z-dimension, valve end and union nut are **not compatible** with type 346 (DN10/15-50) resp. type 370 (DN65-100)

Option:

- Individual configuration of the valve (see diagram)
- Multifunctional module with integrated limit switches
- Pneumatic or electric actuators from +GF+



Size [inch]	DN [mm]	PN [bar]	kv-val- ue ($\Delta p=1$ bar) [l/min]	EPDM Code	SP	Weight [kg]	FPM Code	SP	Weight [kg]
3/8	10	16	71	163 546 341	1	0.194	163 546 351	1	0.194
1/2	15	16	185	163 546 342	1	0.248	163 546 352	1	0.250
3/4	20	16	350	163 546 343	1	0.358	163 546 353	1	0.267
1	25	16	700	163 546 344	1	0.517	163 546 354	1	0.520
1 1/4	32	16	1000	163 546 345	1	0.652	163 546 355	1	0.810
1 1/2	40	16	1600	163 546 346	1	1.166	163 546 356	1	1.180
2	50	16	3100	163 546 347	1	2.055	163 546 357	1	2.078
2 1/2	65	16	5000	163 546 348	1	5.400	163 546 358	1	5.400
3	80	16	7000	163 546 349	1	5.821	163 546 359	1	6.689
4	100	16	11000	163 546 350	1	12.800	163 546 360	1	12.800

Size [inch]	D [mm]	H [mm]	H1 [mm]	L [mm]	L1 [mm]	L2 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	M	z [mm]
3/8	50	57	27	105	77	56	25	32	45	M6	67
1/2	50	57	27	105	77	56	25	32	45	M6	61
3/4	58	67	30	121	97	65	25	39	58	M6	70
1	68	73	36	133	97	71	25	39	58	M6	76
1 1/4	84	90	44	154	128	85	45	54	74	M8	90
1 1/2	97	97	51	164	128	89	45	54	74	M8	94
2	124	116	64	183	152	101	45	66	87	M8	107
2 1/2	166	149	85	233	270	136	70	64	206	M8	144
3	200	161	105	254	270	141	70	64	206	M8	151
4	238	178	123	301	320	164	120	64	256	M12	174

PF 2 32 541 803



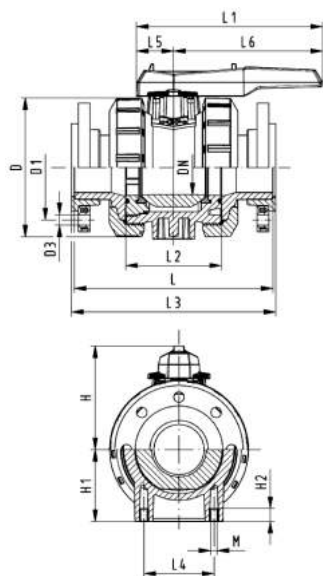
Ball valve type 546 PVC-C With mounting inserts With backing flanges PP-st Inch ANSI

Model:

- For easy installation and removal
- Ball seals PTFE
- Integrated stainless steel mounting inserts
- z-dimension, valve end and union nut are **not compatible** with type 346 (DN10/15-50) resp. type 370 (DN65-100)
- Overall length according to EN 558
- Connecting dimension ANSI/ASME B 16.5 / ASTM D 4024

Option:

- Individual configuration of the valve (see diagram)
- Multifunctional module with integrated limit switches
- Pneumatic or electric actuators from +GF+



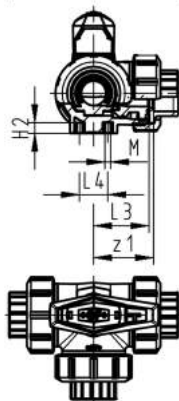
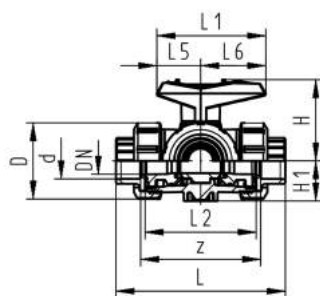
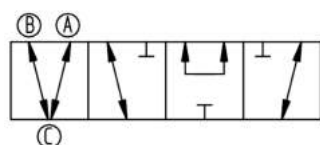
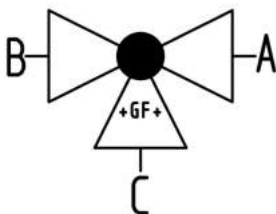
Size [inch]	DN [mm]	PN [bar]	kv-val- ue ($\Delta p=1$ bar) [l/min]	EPDM Code	SP	Weight [kg]	FPM Code	SP	Weight [kg]
2 1/2	65	16	5000	163 546 168	1	6.000	163 546 178	1	6.000
3	80	16	7000	163 546 169	1	9.100	163 546 179	1	9.100
4	100	16	11000	163 546 170	1	14.200	163 546 180	1	14.200

Size [inch]	D [mm]	D1 [mm]	D3 [mm]	H [mm]	H1 [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	M
2 1/2	166	140	19	149	85	284	270	136	290	70	64	206	8
3	200	152	19	161	105	300	270	141	310	70	64	206	8
4	238	191	19	178	123	340	320	164	350	120	64	256	12

PF 2 32 541 803

543

3-Way ball valve type 543 PVC-C Horizontal/T-port With solvent cement sockets metric



Model:

- For easy installation and removal (valve end and union nut are compatible with type 546)
- Ball seals PTFE
- Pneumatic or electric actuator available separately
- Angle of operation 360° without turn limiter
- Turn limiter 90° enclosed, in different positions usable as a clip-on ring
- Integrated stainless steel mounting inserts
- Delivery status A-B-C opened, see flow scheme

d [mm]	DN [mm]	PN [bar]	kv-val- ue (Δp=1 bar) [l/min]	EPDM Code	SP	Weight [kg]	FPM Code	SP	Weight [kg]	
16	10	10	140	163 543 201	1	0.264	163 543 211	1	0.264	
20	15	10	200	163 543 202	1	0.271	163 543 212	1	0.271	
25	20	10	470	163 543 203	1	0.389	163 543 213	1	0.389	
32	25	10	793	163 543 204	1	0.561	163 543 214	1	0.590	
40	32	10	1290	163 543 205	1	1.007	163 543 215	1	1.007	
50	40	10	1910	163 543 206	1	1.487	163 543 216	1	1.487	
63	50	10	3100	163 543 207	1	2.889	163 543 217	1	2.889	

d [mm]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	M	z [mm]	z1 [mm]	
16	50	57	28	8	109	77	73	36	25	32	45	6	81	40	
20	50	57	28	8	112	77	73	36	25	32	45	6	81	40	
25	58	67	32	8	131	97	86	43	25	39	58	6	94	47	
32	68	73	36	8	151	97	99	50	25	39	58	6	107	54	
40	84	90	45	9	181	128	120	60	45	54	74	8	130	65	
50	97	97	51	9	205	128	137	69	45	54	74	8	143	72	
63	124	116	65	9	261	152	179	89	45	66	87	8	185	92	

d [mm]	closest inch [inch]	
16	3/8	
20	1/2	
25	3/4	
32	1	
40	1 1/4	
50	1 1/2	
63	2	

PF 2 32 002 801



3-Way ball valve type 543 PVC-C

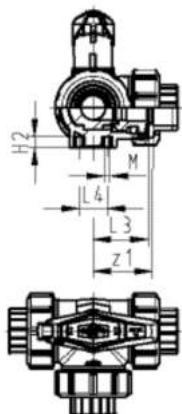
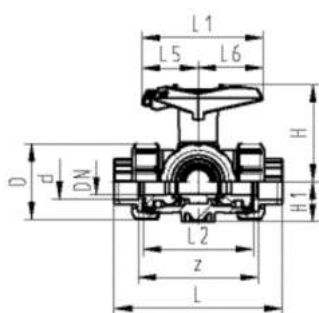
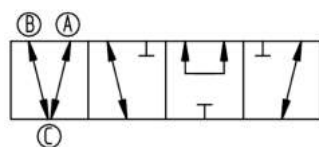
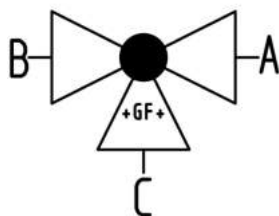
Horizontal/T-port

With lockable handle

With solvent cement sockets metric

Model:

- For easy installation and removal (valve end and union nut are compatible with type 546)
- Ball seals PTFE
- Pneumatic or electric actuator available separately
- Angle of operation 360° without turn limiter
- Turn limiter 90° enclosed, in different positions usable as a clip-on ring
- Integrated stainless steel mounting inserts
- Multifunctional lever red with ratched setting 45°, lockable
- Delivery status A-B-C opened, see flow scheme



d [mm]	DN [mm]	PN [bar]	kv-val- ue ($\Delta p=1$ bar) [l/min]	EPDM Code	SP	Weight [kg]	FPM Code	SP	Weight [kg]	
16	10	10	140	163 543 401	1	0.280	163 543 411	1	0.280	
20	15	10	200	163 543 402	1	0.286	163 543 412	1	0.286	
25	20	10	470	163 543 403	1	0.408	163 543 413	1	0.408	
32	25	10	793	163 543 404	1	0.609	163 543 414	1	0.609	
40	32	10	1290	163 543 405	1	1.031	163 543 415	1	1.031	
50	40	10	1910	163 543 406	1	1.512	163 543 416	1	1.512	
63	50	10	3100	163 543 407	1	2.923	163 543 417	1	2.923	

d [mm]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	M	z [mm]	z1 [mm]	
16	50	79	28	8	109	87	73	36	25	42	45	6	81	40	
20	50	79	28	8	112	87	73	36	25	42	45	6	81	40	
25	58	88	32	8	131	108	86	43	25	50	58	6	94	47	
32	68	94	36	8	151	108	99	50	25	50	58	6	107	54	
40	84	113	45	9	181	141	120	60	45	66	75	8	130	65	
50	97	119	51	9	205	141	137	69	45	66	75	8	143	72	
63	124	141	65	9	261	165	179	89	45	78	87	8	185	92	

d [mm]	closest inch [inch]	
16	3/4	
20	1/2	
25	3/4	
32	1	
40	1 1/4	
50	1 1/2	
63	2	

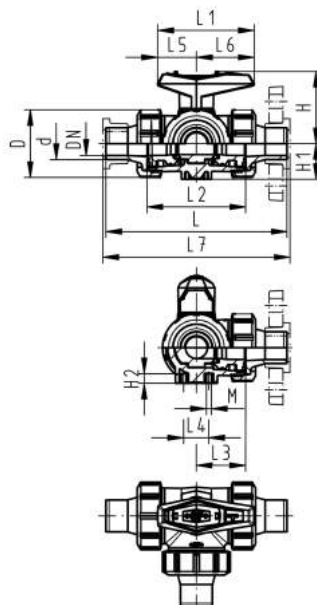
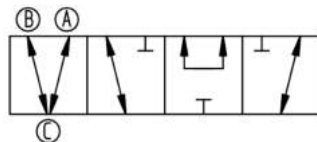
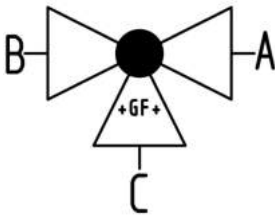
PF 2 32 002 801



3-Way ball valve type 543 PVC-C Horizontal/T-port With solvent cement spigots metric

Model:

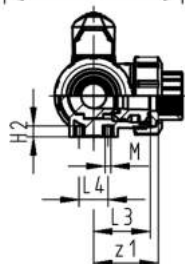
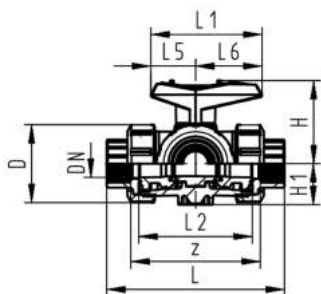
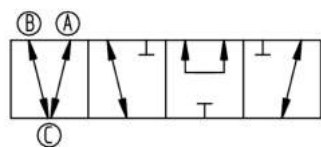
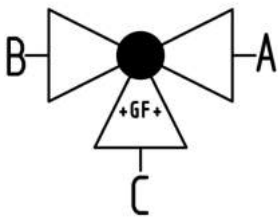
- For easy installation and removal (valve end and union nut are compatible with type 546)
- Ball seals PTFE
- Pneumatic or electric actuator available separately
- Angle of operation 360° without turn limiter
- Turn limiter 90° enclosed, in different positions usable as a clip-on ring
- Integrated stainless steel mounting inserts
- Delivery status A-B-C opened, see flow scheme



d [mm]	DN [mm]	PN [bar]	kv-val- ue ($\Delta p=1$ bar) [l/min]	EPDM Code	SP	Weight [kg]	FPM Code	SP	Weight [kg]	
16	10	10	140	163 543 221	1	0.264	163 543 231	1	0.264	
20	15	10	200	163 543 222	1	0.271	163 543 232	1	0.271	
25	20	10	470	163 543 223	1	0.389	163 543 233	1	0.389	
32	25	10	793	163 543 224	1	0.590	163 543 234	1	0.590	
40	32	10	1290	163 543 225	1	1.007	163 543 235	1	1.007	
50	40	10	1910	163 543 226	1	1.487	163 543 236	1	1.487	
63	50	10	3100	163 543 227	1	2.889	163 543 237	1	2.889	

d [mm]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	L7 [mm]	M	closest inch [inch]	
16	50	57	28	8	131	77	73	36	25	32	45	137	6	3/8	
20	50	57	28	8	141	77	73	36	25	32	45	147	6	1/2	
25	58	67	32	8	165	97	86	43	25	39	58	171	6	3/4	
32	68	73	36	8	182	97	99	50	25	39	58	188	6	1	
40	84	90	45	9	209	128	120	60	45	54	74	215	8	1 1/4	
50	97	97	51	9	242	128	137	69	45	54	74	248	8	1 1/2	
63	124	116	65	9	302	152	179	89	45	66	87	308	8	2	

PF 2 32 002 801



3-Way ball valve type 543 PVC-C Horizontal/T-port With threaded sockets Rp

Model:

- For easy installation and removal (valve end and union nut are compatible with type 546)
- Ball seals PTFE
- Pneumatic or electric actuator available separately
- Angle of operation 360° without turn limiter
- Turn limiter 90° enclosed, in different positions usable as a clip-on ring
- Integrated stainless steel mounting inserts
- Delivery status A-B-C opened, see flow scheme

Rp [inch]	DN [mm]	PN [bar]	kv-val- ue (Δp=1 bar) [l/min]	EPDM Code	SP	Weight [kg]	FPM Code	SP	Weight [kg]
3/8	10	10	140	163 543 241	1	0.264	163 543 251	1	0.264
1/2	15	10	200	163 543 242	1	0.271	163 543 252	1	0.271
3/4	20	10	470	163 543 243	1	0.389	163 543 253	1	0.389
1	25	10	793	163 543 244	1	0.590	163 543 254	1	0.590
1 1/4	32	10	1290	163 543 245	1	1.007	163 543 255	1	1.007
1 1/2	40	10	1910	163 543 246	1	1.487	163 543 256	1	1.487
2	50	10	3100	163 543 247	1	2.889	163 543 257	1	2.889

Rp [inch]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	M	z [mm]	z1 [mm]
3/8	50	57	28	8	113	77	73	36	25	32	45	6	87	43
1/2	50	57	28	8	116	77	73	36	25	32	45	6	85	42
3/4	58	67	32	8	135	97	86	43	25	39	58	6	100	50
1	68	73	36	8	155	97	99	50	25	39	58	6	113	57
1 1/4	84	90	45	9	179	128	120	60	45	54	74	8	134	67
1 1/2	97	97	51	9	201	128	137	69	45	54	74	8	155	78
2	124	116	65	9	255	152	179	89	45	66	87	8	199	99

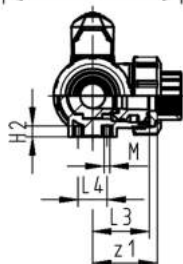
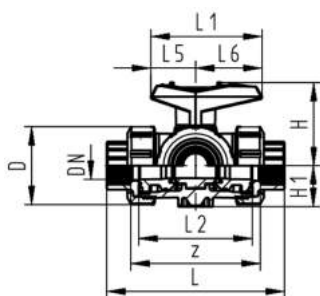
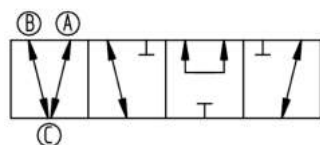
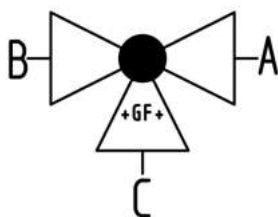
PF 2 32 002 801



3-Way ball valve type 543 PVC-C Horizontal/T-port With threaded sockets NPT

Model:

- For easy installation and removal (valve end and union nut are compatible with type 546)
- Ball seals PTFE
- Pneumatic or electric actuator available separately
- Angle of operation 360° without turn limiter
- Turn limiter 90° enclosed, in different positions usable as a clip-on ring
- Integrated stainless steel mounting inserts
- Delivery status A-B-C opened, see flow scheme



NPT [inch]	DN [mm]	PN [bar]	kv-val- ue ($\Delta p=1$ bar) [l/min]	EPDM Code	SP	Weight [kg]	FPM Code	SP	Weight [kg]
3/8	10	10	140	163 543 301	1	0.264	163 543 311	1	0.264
1/2	15	10	200	163 543 302	1	0.271	163 543 312	1	0.271
3/4	20	10	470	163 543 303	1	0.389	163 543 313	1	0.389
1	25	10	793	163 543 304	1	0.590	163 543 314	1	0.590
1 1/4	32	10	1290	163 543 305	1	1.007	163 543 315	1	1.007
1 1/2	40	10	1910	163 543 306	1	1.487	163 543 316	1	1.487
2	50	10	3100	163 543 307	1	2.889	163 543 317	1	2.889

NPT [inch]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	M	z [mm]	z1 [mm]
3/8	50	57	28	8	115	77	73	36	25	32	45	6	87	43
1/2	50	57	28	8	114	77	73	36	25	32	45	6	81	40
3/4	58	67	32	8	131	97	86	43	25	39	58	6	96	48
1	68	73	36	8	155	97	99	50	25	39	58	6	111	56
1 1/4	84	90	45	9	181	128	120	60	45	54	74	8	134	67
1 1/2	97	97	51	9	205	128	137	69	45	54	74	8	159	80
2	124	116	65	9	261	152	179	89	45	66	87	8	213	106

PF 2 32 002 803



3-Way ball valve type 543 PVC-C

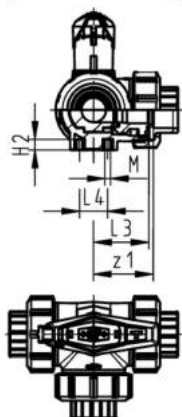
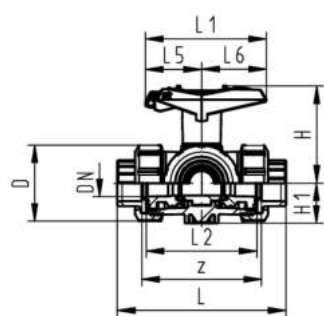
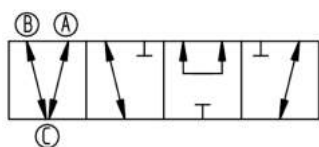
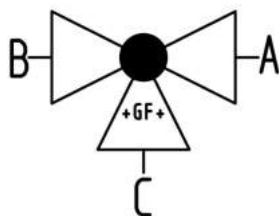
Horizontal/T-port

With lockable handle

With solvent cement sockets ASTM

Model:

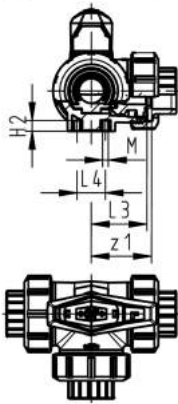
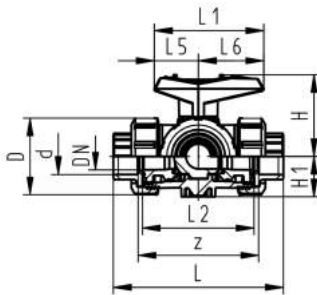
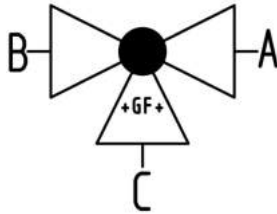
- For easy installation and removal (valve end and union nut are compatible with type 546)
- Ball seals PTFE
- Pneumatic or electric actuator available separately
- Angle of operation 360° without turn limiter
- Turn limiter 90° enclosed, in different positions usable as a clip-on ring
- Integrated stainless steel mounting inserts
- Multifunctional lever red with ratched setting 45°, lockable
- Delivery status A-B-C opened, see flow scheme



Size [inch]	DN [mm]	PN [bar]	kv-val- ue ($\Delta p=1$ bar) [l/min]	EPDM Code	SP	Weight [kg]	FPM Code	SP	Weight [kg]
3/8	10	10	140	163 543 441	1	0.280	163 543 451	1	0.280
1/2	15	10	200	163 543 442	1	0.286	163 543 452	1	0.286
3/4	20	10	470	163 543 443	1	0.408	163 543 453	1	0.408
1	25	10	793	163 543 444	1	0.609	163 543 454	1	0.609
1 1/4	32	10	1290	163 543 445	1	1.031	163 543 455	1	1.031
1 1/2	40	10	1910	163 543 446	1	1.512	163 543 456	1	1.512
2	50	10	3100	163 543 447	1	2.923	163 543 457	1	2.923

Size [inch]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	M	z [mm]	z1 [mm]
3/8	50	79	28	8	123	87	73	36	25	42	45	6	85	42
1/2	50	79	28	8	122	87	73	36	25	42	45	6	77	38
3/4	58	88	32	8	141	108	86	43	25	50	58	6	92	46
1	68	94	36	8	161	108	99	50	25	50	58	6	105	53
1 1/4	84	113	45	9	187	141	120	60	45	66	75	8	126	63
1 1/2	97	119	51	9	213	141	137	69	45	66	75	8	143	72
2	124	141	65	9	261	165	179	89	45	78	87	8	185	92

PF 2 32 002 803



3-Way ball valve type 543 PVC-C Horizontal/L-port With solvent cement sockets metric

Model:

- For easy installation and removal (valve end and union nut are compatible with type 546)
- Ball seals PTFE
- Pneumatic or electric actuator available separately
- Angle of operation 360° without turn limiter
- Turn limiter 90° enclosed, in different positions usable as a clip-on ring
- Integrated stainless steel mounting inserts
- Delivery status A-C opened, see flow scheme

d [mm]	DN [mm]	PN [bar]	kv-val- ue (Δp=1 bar) [l/min]	EPDM Code	SP	Weight [kg]	FPM Code	SP	Weight [kg]
16	10	10	50	163 543 001	1	0.265	163 543 011	1	0.265
20	15	10	75	163 543 002	1	0.272	163 543 012	1	0.272
25	20	10	150	163 543 003	1	0.391	163 543 013	1	0.391
32	25	10	280	163 543 004	1	0.598	163 543 014	1	0.598
40	32	10	480	163 543 005	1	1.018	163 543 015	1	1.018
50	40	10	620	163 543 006	1	1.509	163 543 016	1	1.509
63	50	10	1230	163 543 007	1	2.938	163 543 017	1	2.938

d [mm]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	M	z [mm]	z1 [mm]
16	50	57	28	8	109	77	73	36	25	32	45	6	81	40
20	50	57	28	8	112	77	73	36	25	32	45	6	81	40
25	58	67	32	8	131	97	86	43	25	39	58	6	94	47
32	68	73	36	8	151	97	99	50	25	39	58	6	107	54
40	84	90	45	9	181	128	120	60	45	54	74	8	130	65
50	97	97	51	9	205	128	137	69	45	54	74	8	143	72
63	124	116	65	9	261	152	179	89	45	66	87	8	185	92

d [mm]	closest inch [inch]
16	3/8
20	1/2
25	3/4
32	1
40	1 1/4
50	1 1/2
63	2

PF 2 32 002 801



3-Way ball valve type 543 PVC-C

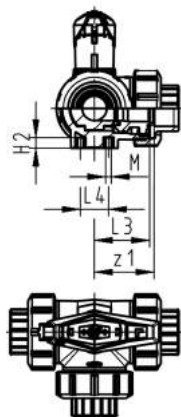
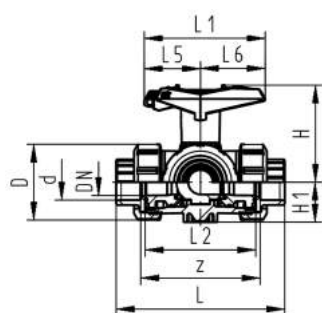
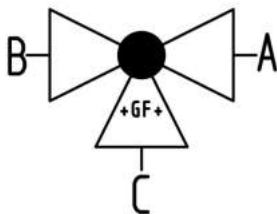
Horizontal/L-port

With lockable handle

With solvent cement sockets metric

Model:

- For easy installation and removal (valve end and union nut are compatible with type 546)
- Ball seals PTFE
- Pneumatic or electric actuator available separately
- Angle of operation 360° without turn limiter
- Turn limiter 90° enclosed, in different positions usable as a clip-on ring
- Integrated stainless steel mounting inserts
- Multifunctional lever red with ratched setting 45°, lockable
- Delivery status A-C opened, see flow scheme

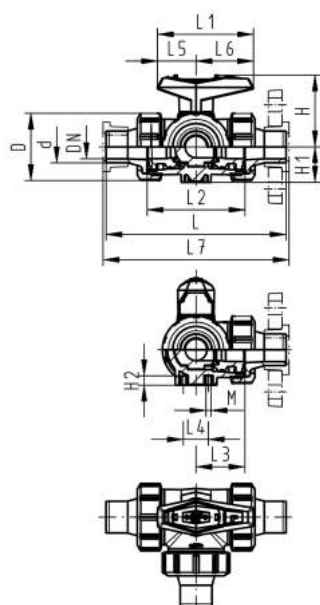
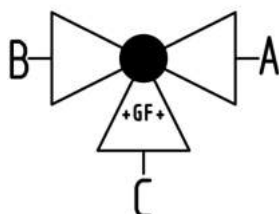


d [mm]	DN [mm]	PN [bar]	kv-val- ue ($\Delta p=1$ bar) [l/min]	EPDM Code	SP	Weight [kg]	FPM Code	SP	Weight [kg]	
16	10	10	50	163 543 381	1	0.281	163 543 391	1	0.281	
20	15	10	75	163 543 382	1	0.287	163 543 392	1	0.287	
25	20	10	150	163 543 383	1	0.410	163 543 393	1	0.410	
32	25	10	280	163 543 384	1	0.616	163 543 394	1	0.616	
40	32	10	480	163 543 385	1	1.043	163 543 395	1	1.043	
50	40	10	620	163 543 386	1	1.534	163 543 396	1	1.534	
63	50	10	1230	163 543 387	1	2.972	163 543 397	1	2.972	

d [mm]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	M	z [mm]	z1 [mm]	
16	50	79	28	8	109	87	73	36	25	42	45	6	81	40	
20	50	79	28	8	112	87	73	36	25	42	45	6	81	40	
25	58	88	32	8	131	108	86	43	25	50	58	6	94	47	
32	68	94	36	8	151	108	99	50	25	50	58	6	107	54	
40	84	113	45	9	181	141	120	60	45	66	75	8	130	65	
50	97	119	51	9	205	141	137	69	45	66	75	8	143	72	
63	124	141	65	9	261	165	179	89	45	78	87	8	185	92	

d [mm]	closest inch [inch]	
16	3/4	
20	1/2	
25	3/4	
32	1	
40	1 1/4	
50	1 1/2	
63	2	

PF 2 32 002 801



3-Way ball valve type 543 PVC-C Horizontal/L-port With solvent cement spigots metric

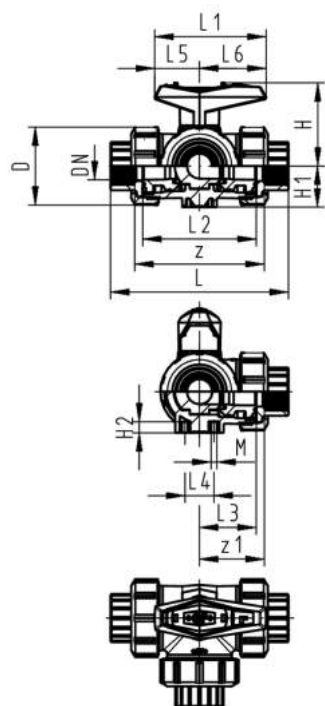
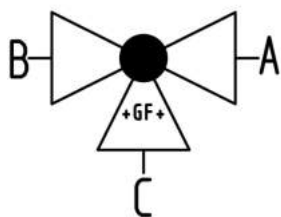
Model:

- For easy installation and removal (valve end and union nut are compatible with type 546)
- Ball seals PTFE
- Pneumatic or electric actuator available separately
- Angle of operation 360° without turn limiter
- Turn limiter 90° enclosed, in different positions usable as a clip-on ring
- Integrated stainless steel mounting inserts
- Delivery status A-C opened, see flow scheme

d [mm]	DN [mm]	PN [bar]	kv-val- ue ($\Delta p=1$ bar) [l/min]	EPDM Code	SP	Weight [kg]	FPM Code	SP	Weight [kg]	
16	10	10	50	163 543 021	1	0.272	163 543 031	1	0.272	
20	15	10	75	163 543 022	1	0.282	163 543 032	1	0.282	
25	20	10	150	163 543 023	1	0.408	163 543 033	1	0.408	
32	25	10	280	163 543 024	1	0.624	163 543 034	1	0.624	
40	32	10	480	163 543 025	1	1.041	163 543 035	1	1.041	
50	40	10	620	163 543 026	1	1.578	163 543 036	1	1.578	
63	50	10	1230	163 543 027	1	3.075	163 543 037	1	3.075	

d [mm]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	L7 [mm]	M	closest inch [inch]	
16	50	57	28	8	131	77	73	36	25	32	45	137	6	3/8	
20	50	57	28	8	141	77	73	36	25	32	45	147	6	1/2	
25	58	67	32	8	165	97	86	43	25	39	58	171	6	3/4	
32	68	73	36	8	182	97	99	50	25	39	58	188	6	1	
40	84	90	45	9	209	128	120	60	45	54	74	215	8	1 1/4	
50	97	97	51	9	242	128	137	69	45	54	74	248	8	1 1/2	
63	124	116	65	9	302	152	179	89	45	66	87	308	8	2	

PF 2 32 002 801



3-Way ball valve type 543 PVC-C Horizontal/L-port With threaded sockets Rp

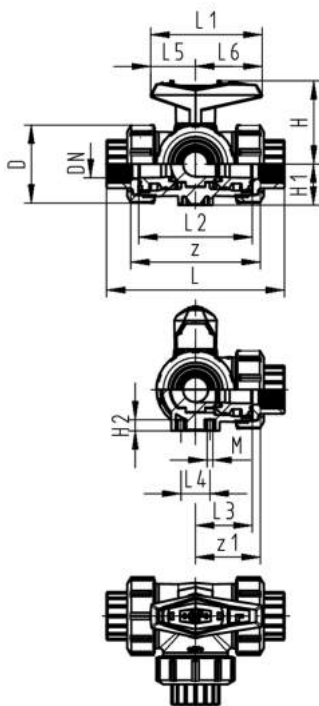
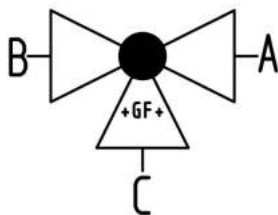
Model:

- For easy installation and removal (valve end and union nut are compatible with type 546)
- Ball seals PTFE
- Pneumatic or electric actuator available separately
- Angle of operation 360° without turn limiter
- Turn limiter 90° enclosed, in different positions usable as a clip-on ring
- Integrated stainless steel mounting inserts
- Delivery status A-C opened, see flow scheme

Rp [inch]	DN [mm]	PN [bar]	kv-val- ue (Δp=1 bar) [l/min]	EPDM Code	SP	Weight [kg]	FPM Code	SP	Weight [kg]
3/8	10	10	50	163 543 041	1	0.265	163 543 051	1	0.265
1/2	15	10	75	163 543 042	1	0.272	163 543 052	1	0.272
3/4	20	10	150	163 543 043	1	0.391	163 543 053	1	0.391
1	25	10	280	163 543 044	1	0.598	163 543 054	1	0.598
1 1/4	32	10	480	163 543 045	1	1.018	163 543 055	1	1.018
1 1/2	40	10	620	163 543 046	1	1.509	163 543 056	1	1.509
2	50	10	1230	163 543 047	1	2.938	163 543 057	1	2.938

Rp [inch]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	M	z [mm]	z1 [mm]
3/8	50	57	28	8	113	77	73	36	25	32	45	6	87	43
1/2	50	57	28	8	116	77	73	36	25	32	45	6	85	42
3/4	58	67	32	8	135	97	86	43	25	39	58	6	100	50
1	68	73	36	8	155	97	99	50	25	39	58	6	113	57
1 1/4	84	90	45	9	179	128	120	60	45	54	74	8	134	67
1 1/2	97	97	51	9	201	128	137	69	45	54	74	8	155	78
2	124	116	65	9	255	152	179	89	45	66	87	8	199	99

PF 2 32 002 801



3-Way ball valve type 543 PVC-C Horizontal/L-port With threaded sockets NPT

Model:

- For easy installation and removal (valve end and union nut are compatible with type 546)
- Ball seals PTFE
- Pneumatic or electric actuator available separately
- Angle of operation 360° without turn limiter
- Turn limiter 90° enclosed, in different positions usable as a clip-on ring
- Integrated stainless steel mounting inserts
- Delivery status A-C opened, see flow scheme

NPT [inch]	DN [mm]	PN [bar]	kv-val- ue ($\Delta p=1$ bar) [l/min]	EPDM Code	SP	Weight [kg]	FPM Code	SP	Weight [kg]
3/8	10	10	50	163 543 101	1	0.265	163 543 111	1	0.265
1/2	15	10	75	163 543 102	1	0.272	163 543 112	1	0.272
3/4	20	10	150	163 543 103	1	0.391	163 543 113	1	0.391
1	25	10	280	163 543 104	1	0.598	163 543 114	1	0.598
1 1/4	32	10	480	163 543 105	1	1.018	163 543 115	1	1.018
1 1/2	40	10	620	163 543 106	1	1.509	163 543 116	1	1.509
2	50	10	1230	163 543 107	1	2.938	163 543 117	1	2.938

NPT [inch]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	M	z [mm]	z1 [mm]
3/8	50	57	28	8	115	77	73	36	25	32	45	6	87	43
1/2	50	57	28	8	114	77	73	36	25	32	45	6	81	40
3/4	58	67	32	8	131	97	86	43	25	39	58	6	96	48
1	68	73	36	8	155	97	99	50	25	39	58	6	111	56
1 1/4	84	90	45	9	181	128	120	60	45	54	74	8	134	67
1 1/2	97	97	51	9	205	128	137	69	45	54	74	8	159	80
2	124	116	65	9	261	152	179	89	45	66	87	8	213	106

PF 2 32 002 803



3-Way ball valve type 543 PVC-C

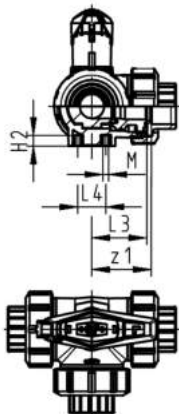
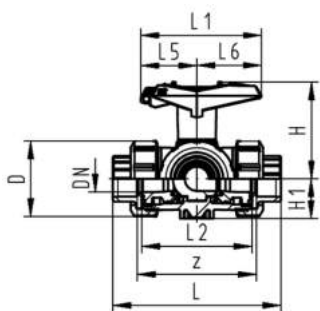
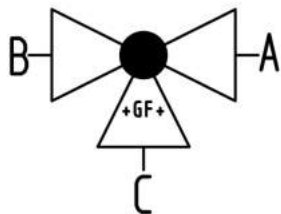
Horizontal/L-port

With lockable handle

With solvent cement sockets ASTM

Model:

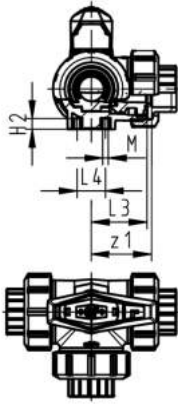
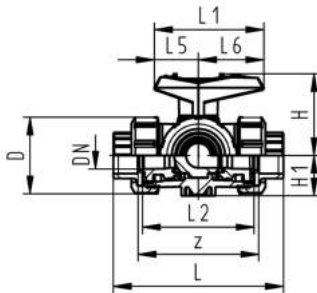
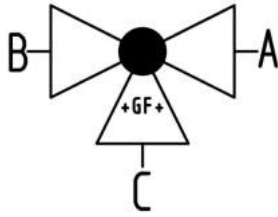
- For easy installation and removal (valve end and union nut are compatible with type 546)
- Ball seals PTFE
- Pneumatic or electric actuator available separately
- Angle of operation 360° without turn limiter
- Turn limiter 90° enclosed, in different positions usable as a clip-on ring
- Integrated stainless steel mounting inserts
- Multifunctional lever red with ratched setting 45°, lockable
- Delivery status A-C opened, see flow scheme



Size [inch]	DN [mm]	PN [bar]	kv-val- ue ($\Delta p=1$ bar) [l/min]	EPDM Code	SP	Weight [kg]	FPM Code	SP	Weight [kg]
3/8	10	10	50	163 543 421	1	0.281	163 543 431	1	0.281
1/2	15	10	75	163 543 422	1	0.287	163 543 432	1	0.287
3/4	20	10	150	163 543 423	1	0.410	163 543 433	1	0.410
1	25	10	280	163 543 424	1	0.616	163 543 434	1	0.616
1 1/4	32	10	480	163 543 425	1	1.043	163 543 435	1	1.043
1 1/2	40	10	620	163 543 426	1	1.534	163 543 436	1	1.534
2	50	10	1230	163 543 427	1	2.972	163 543 437	1	2.972

Size [inch]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	M	z [mm]	z1 [mm]
3/8	50	79	28	8	123	87	73	36	25	42	45	6	85	42
1/2	50	79	28	8	122	87	73	36	25	42	45	6	77	38
3/4	58	88	32	8	141	108	86	43	25	50	58	6	92	46
1	68	94	36	8	161	108	99	50	25	50	58	6	105	53
1 1/4	84	113	45	9	187	141	120	60	45	66	75	8	126	63
1 1/2	97	119	51	9	213	141	137	69	45	66	75	8	143	72
2	124	141	65	9	261	165	179	89	45	78	87	8	185	92

PF 2 32 002 803



3-Way ball valve type 543 PVC-C Horizontal/L-port With solvent cement sockets ASTM

Model:

- For easy installation and removal (valve end and union nut are compatible with type 546)
- Ball seals PTFE
- Pneumatic or electric actuator available separately
- Angle of operation 360° without turn limiter
- Turn limiter 90° enclosed, in different positions usable as a clip-on ring
- Integrated stainless steel mounting inserts
- Delivery status A-C opened, see flow scheme

Size [inch]	DN [mm]	PN [bar]	kv-val- ue ($\Delta p=1$ bar) [l/min]	EPDM Code	SP	Weight [kg]	FPM Code	SP	Weight [kg]
3/8	10	10	50	163 543 081	1	0.265	163 543 091	1	0.265
1/2	15	10	75	163 543 082	1	0.272	163 543 092	1	0.272
3/4	20	10	150	163 543 083	1	0.391	163 543 093	1	0.391
1	25	10	280	163 543 084	1	0.598	163 543 094	1	0.598
1 1/4	32	10	480	163 543 085	1	1.018	163 543 095	1	1.018
1 1/2	40	10	620	163 543 086	1	1.480	163 543 096	1	1.496
2	50	10	1230	163 543 087	1	2.938	163 543 097	1	2.938

Size [inch]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	M	z [mm]	z1 [mm]
3/8	50	57	28	8	123	77	73	36	25	32	45	6	85	42
1/2	50	57	28	8	122	77	73	36	25	32	45	6	77	38
3/4	58	67	32	8	141	97	86	43	25	39	58	6	92	46
1	68	73	36	8	161	97	99	50	25	39	58	6	105	53
1 1/4	84	90	45	9	187	128	120	60	45	54	74	8	126	63
1 1/2	97	97	51	9	213	128	137	69	45	54	74	8	143	72
2	124	116	65	9	261	152	179	89	45	66	87	8	185	92

PF 2 32 002 803

Diaphragm valves new generation

Diaphragm valve type 514 PVC-C With solvent cement sockets metric

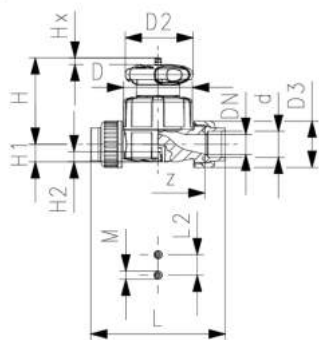


Model:

- Double flow rate compared to predecessor
- One housing nut replaces four screws
- Handwheel with built-in locking mechanism
- For easy installation and removal
- Short overall length

Option:

- Individual configuration of the valve (see diagram)
- Self adjusting multifunctional module with integrated limit switches



d [mm]	DN [mm]	PN [bar]	kv-val- ue ($\Delta p=1$ bar) [l/min]	EPDM Code	SP	Weight [kg]	PTFE/EPDM Code	SP	Weight [kg]
20	15	10	125	163 514 012	1	0.409	163 514 032	1	0.312
25	20	10	271	163 514 013	1	0.448	163 514 033	1	0.558
32	25	10	481	163 514 014	1	0.707	163 514 034	1	1.207
40	32	10	759	163 514 015	1	1.516	163 514 035	1	1.536
50	40	10	1263	163 514 016	1	1.674	163 514 036	1	1.541
63	50	10	1728	163 514 017	1	2.568	163 514 037	1	3.622

d [mm]	D [mm]	D2 [mm]	D3 [mm]	H [mm]	H1 [mm]	H2 [mm]	L [mm]	L2 [mm]	M	z [mm]	Lift = Hx [mm]	closest inch [inch]
20	65	65	43	73	14	12	128	25	M6	96	7	1/2
25	80	65	51	81	18	12	152	25	M6	114	10	3/4
32	88	87	58	107	22	12	166	25	M6	122	13	1
40	101	87	72	115	26	15	192	45	M8	140	15	1 1/4
50	117	135	83	148	32	15	222	45	M8	160	19	1 1/2
63	144	135	100	166	39	15	266	45	M8	190	25	2

PF 2 31 158 064

Diaphragm valve type 515 PVC-C With solvent cement spigots metric

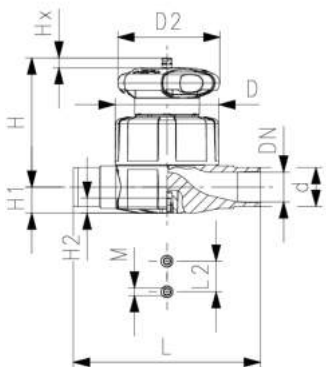


Model:

- Double flow rate compared to predecessor
- One housing nut replaces four screws
- Handwheel with built-in locking mechanism
- Overall length EN 558

Option:

- Individual configuration of the valve (see diagram)
- Self adjusting multifunctional module with integrated limit switches



d [mm]	DN [mm]	PN [bar]	kv-val- ue ($\Delta p=1$ bar) [l/min]	EPDM Code	SP	Weight [kg]	PTFE/EPDM Code	SP	Weight [kg]
20	15	10	125	163 515 012	1	0.344	163 515 032	1	0.344
25	20	10	271	163 515 013	1	0.361	163 515 033	1	0.364
32	25	10	481	163 515 014	1	0.589	163 515 034	1	1.073
40	32	10	759	163 515 015	1	1.269	163 515 035	1	1.290
50	40	10	1263	163 515 016	1	2.314	163 515 036	1	2.343
63	50	10	1728	163 515 017	1	3.054	163 515 037	1	3.082

d [mm]	D [mm]	D2 [mm]	H [mm]	H1 [mm]	H2 [mm]	L [mm]	L2 [mm]	M	Lift = Hx [mm]	closest inch [inch]
20	65	65	73	14	12	124	25	M6	7	1/2
25	80	65	81	18	12	144	25	M6	10	3/4
32	88	87	107	22	12	154	25	M6	13	1
40	101	87	115	26	15	174	45	M8	15	1 1/4
50	117	135	148	32	15	194	45	M8	19	1 1/2
63	144	135	166	39	15	224	45	M8	25	2

PF 2 31 158 064



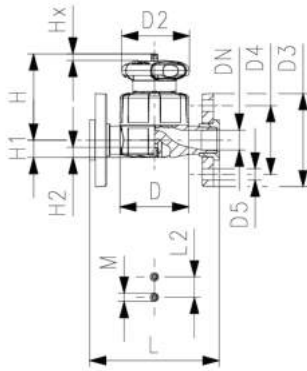
Diaphragm valve type 517 PVC-C With backing flanges PP-V metric/BS

Model:

- Double flow rate compared to predecessor
- One housing nut replaces four screws
- Handwheel with built-in locking mechanism
- Flat sealing faces
- Overall length EN 558
- Connecting dimension: ISO 7005 PN 10, EN 1092 PN 10, DIN 2501 PN 10, BS 4504 PN 10

Option:

- Individual configuration of the valve (see diagram)
- Self adjusting multifunctional module with integrated limit switches



d [mm]	DN [mm]	PN [bar]	kv-value (Δp=1 bar) [l/min]	EPDM Code	SP	Weight [kg]	PTFE/EPDM Code	SP	Weight [kg]	
20	15	10	125	163 517 112	1	0.447	163 517 132	1	0.528	
25	20	10	271	163 517 113	1	0.695	163 517 133	1	0.695	
32	25	10	481	163 517 114	1	1.388	163 517 134	1	0.952	
40	32	10	759	163 517 115	1	1.797	163 517 135	1	1.818	
50	40	10	1263	163 517 116	1	2.854	163 517 136	1	2.142	
63	50	10	1728	163 517 117	1	3.318	163 517 137	1	3.115	

d [mm]	D [mm]	D2 [mm]	D3 [mm]	D4 [mm]	D5 [mm]	H [mm]	H1 [mm]	H2 [mm]	L [mm]	L2 [mm]	M	Lift = Hx [mm]	closest inch [inch]	
20	65	65	95	65	14	73	14	12	130	25	M6	7	½	
25	80	65	105	75	14	81	18	12	150	25	M6	10	¾	
32	88	87	115	85	14	107	22	12	160	25	M6	13	1	
40	101	87	140	100	18	115	26	15	180	45	M8	15	1 ¼	
50	117	135	150	110	18	148	32	15	200	45	M8	19	1 ½	
63	144	135	165	125	18	166	39	15	230	45	M8	25	2	

PF 2 31 158 064

Diaphragm valves

Diaphragm valve type 317 PVC-C With flanges PP-V

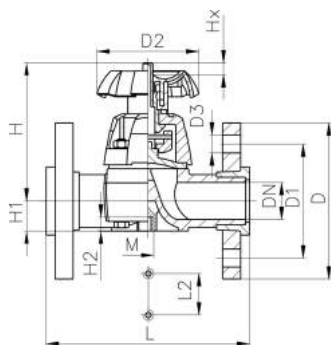


Model:

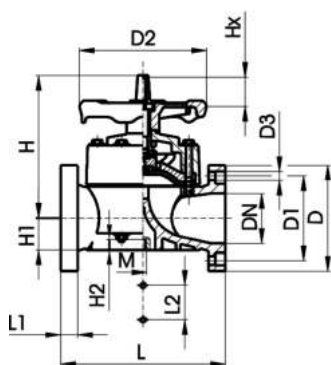
- Flat sealing faces
- DN 15-65 with backing flange
- DN 80-150 with fixed flange
- Overall length according to EN 558

Option:

- Handwheel lockable DN15-65 (basic version not lockable)



DN 15-65



DN 80-100

PF 2 32 169 020

* DN80 and DN150 fixed flanges metric and inch ANSI B16.5

	d [mm]	Size [inch]	DN [mm]	PN [bar]	kv-value (Δp=1 bar) [l/min]	EPDM Code	PTFE/EPDM Code	SP	Weight [kg]	
*	75	2 ½	65	10	992	163 317 523	163 317 538	1	4.425	
	90	3	80	10	1700	163 317 024	163 317 039	1	9.822	
	110	4	100	10	2700	163 317 025	163 317 040	1	13.799	

	d [mm]	D [mm]	D1 [mm]	D2 [mm]	D3 [mm]	H [mm]	H1 [mm]	H2 [mm]	L [mm]	L1 [mm]	L2 [mm]	M	Lift = Hx [mm]	AL	
*	75	185	145	152	18	201	46	15	290		70	M8	30	4	
	90	200	160	270	18	265	57	23	310	35	120	M12	40	8	
	110	225	180	270	18	304	69	23	350	35	120	M12	50	8	

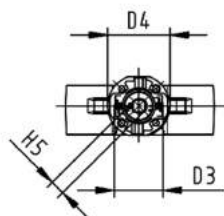
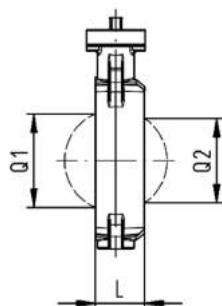
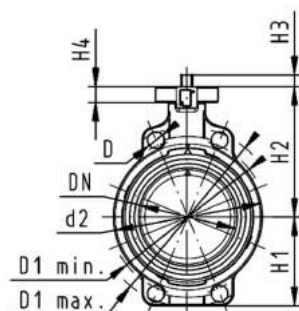
Butterfly valves

Butterfly valve type 567 PVC-C Bare shaft



Model:

- Overall length according to EN 558, ISO 5752
- Connecting dimension: ISO 7005 PN 10, EN 1092 PN 10, DIN 2501 PN 10, ANSI/ASME B 16.5 Class 150, BS 1560: 1989, BS 4504, JIS B 2220
- Interface F07 according to DIN/ISO 5211



d [mm]	Size [inch]	DN [mm]	PN [bar]	kv-value (Δp=1 bar) [l/min]	EPDM Code	SP	Weight [kg]	FPM Code	SP	Weight [kg]
63	2	50	10	1470	163 567 802	1	0.831	163 567 822	1	0.835
75	2 ½	65	10	2200	163 567 803	1	0.947	163 567 823	1	0.952
90	3	80	10	3000	163 567 804	1	1.079	163 567 824	1	1.097
110	4	100	10	6500	163 567 805	1	1.759	163 567 825	1	1.737
140	5	125	10	11500	163 567 806	1	2.361	163 567 826	1	2.379
160	6	150	10	16600	163 567 807	1	3.289	163 567 827	1	3.364
225	8	200	10	39600	163 567 808	1	5.269	163 567 828	1	5.094

d [mm]	PTFE Code
63	163 567 832
75	163 567 833
90	163 567 834
110	163 567 835
140	163 567 836
160	163 567 837
225	163 567 838

d [mm]	d2 [mm]	D [mm]	D1 min. [mm]	D1 max. [mm]	D3 [mm]	D4 [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	H4 [mm]	H5 [mm]	L [mm]	Q1 [mm]
63	104	19	120	125	70	90	222	77	134	27	23	11	45	40
75	115	19	140	145	70	90	235	83	140	27	23	11	46	54
90	131	19	150	160	70	90	247	89	146	27	23	11	49	67
110	161	19	175	191	70	90	287	104	167	16	23	14	56	88
140	187	23	210	216	70	90	313	117	181	16	23	14	64	113
160	215	24	241	241	70	90	335	130	189	19	23	17	72	139
225	267	23	290	295	70	90	387	158	210	19	23	17	73	178

d [mm]	Q2 [mm]
63	
75	35
90	50
110	74
140	97
160	123
225	169

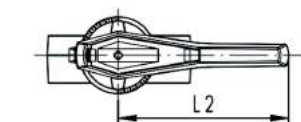
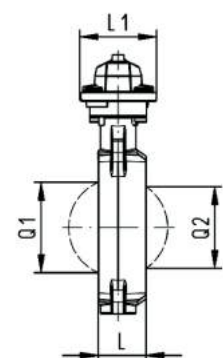
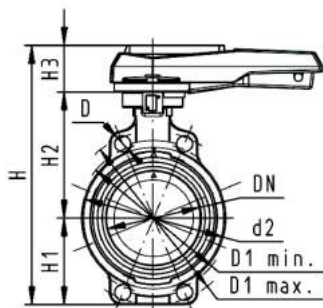
PF 2 32 693 998



Butterfly valve type 567 PVC-C Hand lever with ratchet settings

Model:

- Overall length according to EN 558, ISO 5752
- Connecting dimension: ISO 7005 PN 10, EN 1092 PN 10, DIN 2501 PN 10, ANSI/ASME B 16.5 Class 150, BS 1560: 1989, BS 4504, JIS B 2220

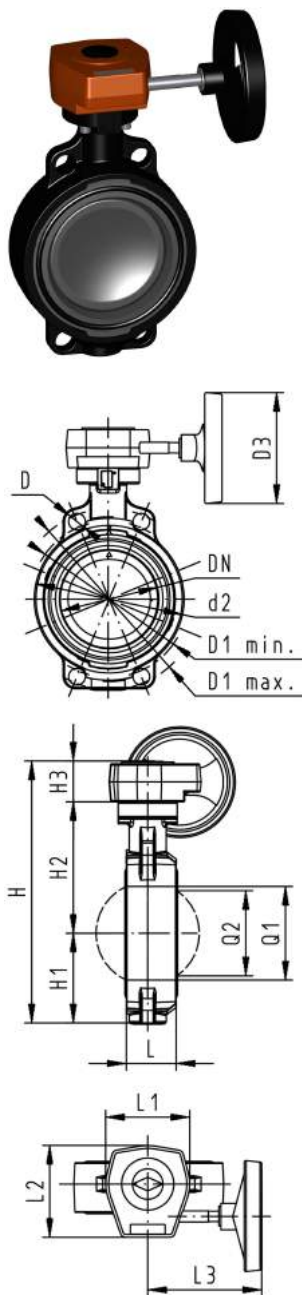


d [mm]	Size [inch]	DN [mm]	PN [bar]	kv-val- ue ($\Delta p=1$ bar) [l/min]	EPDM Code	SP	Weight [kg]	FPM Code	SP	Weight [kg]
63	2	50	10	1470	163 567 002	1	1.257	163 567 022	1	1.268
75	2 ½	65	10	2200	163 567 003	1	1.366	163 567 023	1	1.174
90	3	80	10	3000	163 567 004	1	1.542	163 567 024	1	1.997
110	4	100	10	6500	163 567 005	1	2.231	163 567 025	1	2.715
140	5	125	10	11500	163 567 006	1	2.820	163 567 026	1	2.536
160	6	150	10	16600	163 567 007	1	6.719	163 567 027	1	3.361
225	8	200	10	39600	163 567 008	1	5.873	163 567 028	1	6.803

d [mm]	PTFE Code
63	163 567 202
75	163 567 203
90	163 567 204
110	163 567 205
140	163 567 206
160	163 567 207
225	163 567 208

d [mm]	d2 [mm]	D [mm]	D1 min. [mm]	D1 max. [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	L [mm]	L1 [mm]	L2 [mm]	Q1 [mm]	Q2 [mm]
63	104	19	120	125	264	77	134	54	45	106	205	40	
75	115	19	140	145	277	83	140	54	46	106	205	54	35
90	131	19	150	160	289	89	146	54	49	106	205	67	50
110	161	19	175	191	325	104	167	55	56	106	255	88	74
140	187	23	210	216	352	117	181	55	64	106	255	113	97
160	215	24	241	241	373	130	189	55	72	106	255	139	123
225	267	23	290	295	435	158	210	67	73	140	408	178	169

PF 2 32 693 001



Butterfly valve type 567 PVC-C Reduction gear with handwheel

Model:

- Overall length according to EN 558, ISO 5752
- Connecting dimension: ISO 7005 PN 10, EN 1092 PN 10, DIN 2501 PN 10, ANSI/ASME B 16.5 Class 150, BS 1560: 1989, BS 4504, JIS B 2220

d [mm]	Size [inch]	DN [mm]	PN [bar]	kv-val- ue ($\Delta p=1$ bar) [l/min]	EPDM Code	SP	Weight [kg]	FPM Code	SP	Weight [kg]
63	2	50	10	1470	163 567 042	1	3.078	163 567 062	1	3.078
75	2 ½	65	10	2200	163 567 043	1	3.201	163 567 063	1	3.212
90	3	80	10	3000	163 567 044	1	3.384	163 567 064	1	3.391
110	4	100	10	6500	163 567 045	1	4.019	163 567 065	1	4.033
140	5	125	10	11500	163 567 046	1	4.526	163 567 066	1	4.526
160	6	150	10	16600	163 567 047	1	5.601	163 567 067	1	5.624
225	8	200	10	39600	163 567 048	1	7.326	163 567 068	1	7.354

d [mm]	PTFE Code
63	163 567 242
75	163 567 243
90	163 567 244
110	163 567 245
140	163 567 246
160	163 567 247
225	163 567 248

d [mm]	d2 [mm]	D [mm]	D1 min. [mm]	D1 max. [mm]	D3 [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	Q1 [mm]
63	104	19	120	125	150	278	77	134	50	45	110	120	155	40
75	115	19	140	145	150	291	83	140	50	46	110	120	155	54
90	131	19	150	160	150	303	89	146	50	49	110	120	155	67
110	160	19	175	191	150	339	104	167	50	56	110	120	155	88
140	187	23	210	216	150	365	117	181	50	64	110	120	155	113
160	215	24	241	241	150	387	130	189	50	72	110	120	155	139
225	267	23	290	295	150	436	158	210	50	73	110	120	155	178

d [mm]	Q2 [mm]
63	
75	35
90	50
110	74
140	97
160	123
225	169

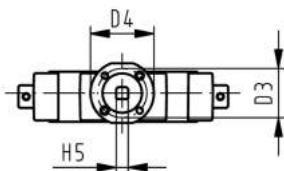
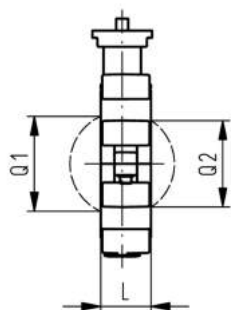
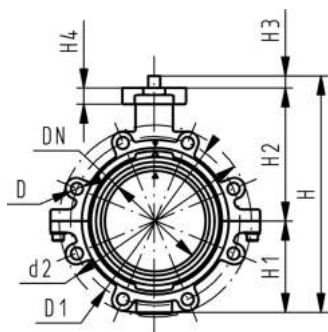
PF 2 32 693 001



Lugstyle butterfly valve type 568 PVC-C Bare shaft

Model:

- Outer body in GGG-40.3 epoxy-coated
- Overall length according to EN 558, ISO 5752
- Connecting dimension: ISO 7005 PN10, EN 1092 PN10, DIN 2501 PN10
- Interface F07 according to DIN/ISO 5211



d [mm]	Size [inch]	DN [mm]	PN [bar]	kv-value (Δp=1 bar) [l/min]	EPDM Code	SP	Weight [kg]	FPM Code	SP	Weight [kg]
63	2	50	10	1470	163 568 802	1	2.921	163 568 822	1	2.921
75	2 ½	65	10	2200	163 568 803	1	3.288	163 568 823	1	3.288
90	3	80	10	3000	163 568 804	1	4.342	163 568 824	1	4.342
110	4	100	10	6500	163 568 805	1	5.857	163 568 825	1	5.857
140	5	125	10	11500	163 568 806	1	7.845	163 568 826	1	7.845
160	6	150	10	16600	163 568 807	1	9.824	163 568 827	1	9.824
225	8	200	10	39600	163 568 808	1	15.042	163 568 828	1	15.042

d [mm]	PTFE Code
63	163 568 832
75	163 568 833
90	163 568 834
110	163 568 835
140	163 568 836
160	163 568 837
225	163 568 838

d [mm]	d2 [mm]	D	D1 [mm]	D3 [mm]	D4 [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	H4 [mm]	L [mm]	Q1 [mm]	Q2 [mm]
63	150	M16	125	70	90	238	77	134	27	23	45	40	
75	170	M16	145	70	90	250	83	140	27	23	46	54	35
90	184	M16	160	70	90	262	89	146	27	23	49	67	50
110	216	M16	180	70	90	287	104	167	16	23	56	88	74
140	246	M16	210	70	90	314	117	181	16	23	64	113	97
160	273	M20	240	70	90	338	130	189	19	23	72	139	123
225	334	M20	295	70	90	387	158	210	19	23	73	178	169

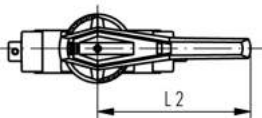
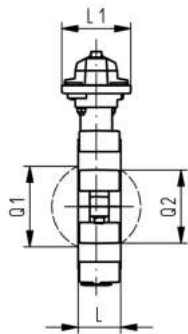
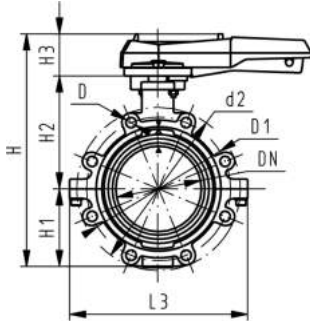
PF 2 32 694 998



Lugstyle butterfly valve type 568 PVC-C Hand lever with ratchet settings

Model:

- Outer body in GGG-40.3 epoxy-coated
- Overall length according to EN 558, ISO 5752
- Connecting dimension: ISO 7005 PN10, EN 1092 PN10, DIN 2501 PN10

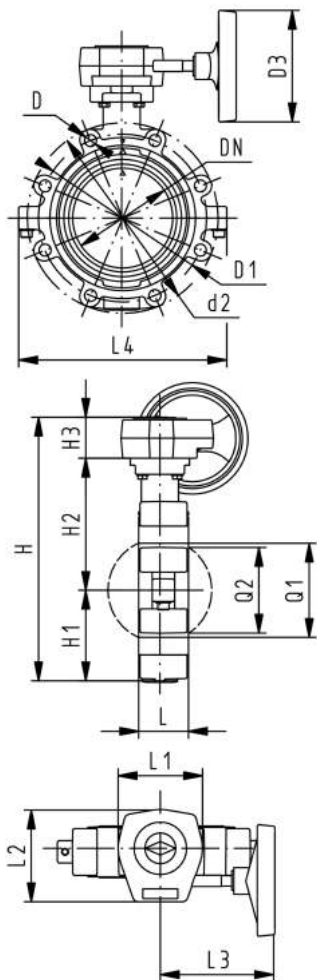


d [mm]	Size [inch]	DN [mm]	PN [bar]	kv-val- ue (Δp=1 bar) [l/min]	EPDM Code	SP	Weight [kg]	FPM Code	SP	Weight [kg]
63	2	50	10	1470	163 568 002	1	3.143	163 568 022	1	3.143
75	2 ½	65	10	2200	163 568 003	1	3.510	163 568 023	1	3.510
90	3	80	10	3000	163 568 004	1	4.564	163 568 024	1	4.564
110	4	100	10	6500	163 568 005	1	6.127	163 568 025	1	6.127
140	5	125	10	11500	163 568 006	1	8.115	163 568 026	1	8.115
160	6	150	10	16600	163 568 007	1	10.094	163 568 027	1	10.094
225	8	200	10	39600	163 568 008	1	15.849	163 568 028	1	15.849

d [mm]	PTFE Code
63	163 568 202
75	163 568 203
90	163 568 204
110	163 568 205
140	163 568 206
160	163 568 207
225	163 568 208

d [mm]	d2 [mm]	D [mm]	D1 [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	Q1 [mm]	Q2 [mm]
63	150	M16	125	265	77	134	54	45	106	205	150	40	35
75	170	M16	145	277	83	140	54	46	106	205	160	54	50
90	184	M16	160	289	89	146	54	49	106	205	205	67	74
110	216	M16	180	326	104	167	55	56	106	255	244	88	97
140	246	M16	210	353	117	181	55	64	106	255	272	113	123
160	273	M20	240	374	130	189	55	72	106	255	297	139	169
225	334	M20	295	435	158	210	67	73	140	408	360	178	

PF 2 32 694 001



Lugstyle butterfly valve type 568 PVC-C Reduction gear with handwheel

Model:

- Outer body in GGG-40.3 epoxy-coated
- Overall length according to EN 558, ISO 5752
- Connecting dimension: ISO 7005 PN10, EN 1092 PN10, DIN 2501 PN10

d [mm]	Size [inch]	DN [mm]	PN [bar]	kv-val- ue ($\Delta p=1$ bar) [l/min]	EPDM Code	SP	Weight [kg]	FPM Code	SP	Weight [kg]
63	2	50	10	1470	163 568 042	0	5.181	163 568 062	0	5.181
75	2 ½	65	10	2200	163 568 043	0	5.548	163 568 063	0	5.548
90	3	80	10	3000	163 568 044	0	6.602	163 568 064	0	6.602
110	4	100	10	6500	163 568 045	0	8.117	163 568 065	0	8.117
140	5	125	10	11500	163 568 046	0	10.105	163 568 066	0	10.105
160	6	150	10	16600	163 568 047	1	12.084	163 568 067	1	12.084
225	8	200	10	39600	163 568 048	1	17.302	163 568 068	1	17.302

d [mm]	PTFE Code
63	163 568 242
75	163 568 243
90	163 568 244
110	163 568 245
140	163 568 246
160	163 568 247
225	163 568 248

d [mm]	d2 [mm]	D	D1 [mm]	D3 [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	Q1 [mm]	Q2 [mm]
63	150	M16	125	150	279	77	134	50	45	110	120	155	150	40	
75	170	M16	145	150	291	83	140	50	46	110	120	155	160	54	35
90	184	M16	160	150	303	89	146	50	49	110	120	155	205	67	50
110	216	M16	180	150	339	104	167	50	56	110	120	155	244	88	74
140	246	M16	210	150	366	117	181	50	64	110	120	155	272	113	97
160	273	M20	240	150	387	130	189	50	72	110	120	155	297	139	123
225	334	M20	295	150	436	158	210	50	73	110	120	155	360	178	169

PF 2 32 694 001

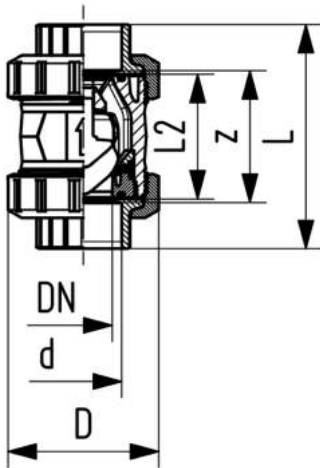
Cone check valves

Check valve type 561 PVC-C With solvent cement sockets metric



Model:

- Sealing at a minimum water column of 2 m
- Designed for easy installation and removal
- Vibration free even at high flow velocity
- Flow-optimized return cone, double guided
- For vertical installation
- Compact installation length, same as ball valve type 546
- Z-length, end connectors and union nuts **not** compatible with type 360
- New DN56-DN100



d [mm]	DN [mm]	PN [bar]	kv-value ($\Delta p=1$ bar) [l/min]	EPDM Code	SP	Weight [kg]	FPM Code	SP	Weight [kg]
16	10	16	190	163 561 001	1	0.120	163 561 011	1	0.120
20	15	16	180	163 561 002	1	0.120	163 561 012	1	0.120
25	20	16	380	163 561 003	1	0.260	163 561 013	1	0.280
32	25	16	460	163 561 004	1	0.280	163 561 014	1	0.280
40	32	16	850	163 561 005	1	0.490	163 561 015	1	0.490
50	40	16	1080	163 561 006	1	0.710	163 561 016	1	0.710
63	50	16	1670	163 561 007	1	1.456	163 561 017	1	1.470
75	65	16	2950	163 561 008	1	3.460	163 561 018	1	3.480
90	80	16	3600	163 561 009	1	5.540	163 561 019	1	5.570
110	100	16	4150	163 561 010	1	8.930	163 561 020	1	8.970

d [mm]	D [mm]	L [mm]	L2 [mm]	z [mm]	closest inch [inch]
16	50	92	56	64	$\frac{3}{8}$
20	50	95	56	64	$\frac{1}{2}$
25	58	110	65	72	$\frac{3}{4}$
32	68	123	71	79	1
40	84	146	85	94	1 $\frac{1}{4}$
50	97	157	89	95	1 $\frac{1}{2}$
63	124	183	101	107	2
75	166	233	136	144	2 $\frac{1}{2}$
90	200	254	141	151	3
110	238	301	164	174	4

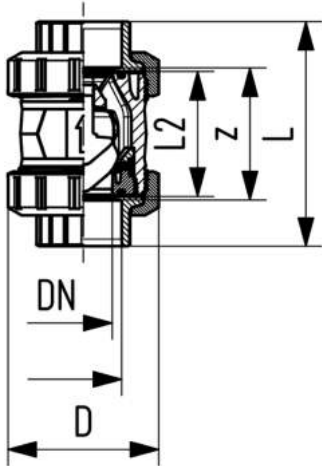
PF 2 31 161 012



Check valve type 561 PVC-C With threaded sockets Rp

Model:

- Sealing at a minimum water column of 2 m
- Designed for easy installation and removal
- Vibration free even at high flow velocity
- Flow-optimized return cone, double guided
- For vertical installation
- Compact installation length, same as ball valve type 546
- Z-length, end connectors and union nuts **not** compatible with type 360
- New DN56-DN100



Rp [inch]	DN [mm]	PN [bar]	kv-value (Δp=1 bar) [l/min]	EPDM Code	SP	Weight [kg]	FPM Code	SP	Weight [kg]
3/8	10	10	190	163 561 021	1	0.120	163 561 031	1	0.120
1/2	15	10	180	163 561 022	1	0.120	163 561 032	1	0.120
3/4	20	10	380	163 561 023	1	0.260	163 561 033	1	0.280
1	25	10	460	163 561 024	1	0.290	163 561 034	1	0.290
1 1/4	32	10	850	163 561 025	1	0.490	163 561 035	1	0.500
1 1/2	40	10	1080	163 561 026	1	0.740	163 561 036	1	0.750
2	50	10	1670	163 561 027	1	1.530	163 561 037	1	1.530
2 1/2	65	10	2950	163 561 028	1	3.530	163 561 038	1	3.550
3	80	10	3600	163 561 029	1	5.670	163 561 039	1	5.700
4	100	10	4150	163 561 030	1	8.990	163 561 040	1	9.030

Rp [inch]	D [mm]	L [mm]	L2 [mm]	z [mm]
3/8	50	95	56	69
1/2	50	100	56	67
3/4	58	114	65	78
1	68	127	71	85
1 1/4	84	146	85	100
1 1/2	97	152	89	106
2	124	177	101	121
2 1/2	166	233	136	144
3	200	254	141	151
4	238	301	164	174

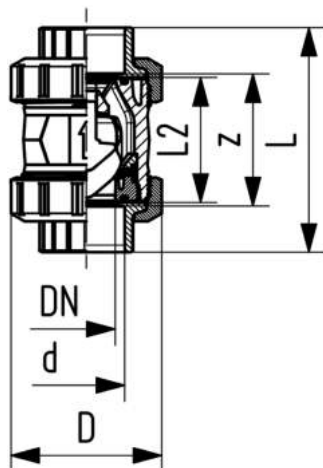
PF 2 31 161 012



Check valve type 562 PVC-C With solvent cement sockets metric

Model:

- For horizontal or vertical installation
- Sealing at a minimum water column of 1 m
- Spring loaded, spring made of stainless steel (1.4310)
- Spring available in other materials, see spare parts
- Designed for easy installation and removal
- Vibration free even at high flow velocity
- Flow-optimized return cone, double guided
- Compact installation length, same as ball valve type 546
- Z-length, end connectors and union nuts **not** compatible with type 360
- New DN56-DN100



d [mm]	DN [mm]	PN [bar]	kv-value ($\Delta p=1$ bar) [l/min]	EPDM Code	SP	Weight [kg]	FPM Code	SP	Weight [kg]
16	10	16	190	163 562 001	1	0.120	163 562 011	1	0.120
20	15	16	180	163 562 002	1	0.120	163 562 012	1	0.120
25	20	16	380	163 562 003	1	0.260	163 562 013	1	0.280
32	25	16	460	163 562 004	1	0.280	163 562 014	1	0.280
40	32	16	850	163 562 005	1	0.490	163 562 015	1	0.490
50	40	16	1080	163 562 006	1	0.710	163 562 016	1	0.710
63	50	16	1670	163 562 007	1	1.460	163 562 017	1	1.470
75	65	16	2950	163 562 008	1	3.460	163 562 018	1	3.480
90	80	16	3600	163 562 009	1	5.540	163 562 019	1	5.570
110	100	16	4150	163 562 010	1	8.930	163 562 020	1	8.970

d [mm]	D [mm]	L [mm]	L2 [mm]	z [mm]	closest inch [inch]
16	50	92	56	64	$\frac{3}{8}$
20	50	95	56	64	$\frac{1}{2}$
25	58	110	65	72	$\frac{3}{4}$
32	68	123	71	79	1
40	84	146	85	94	1 $\frac{1}{4}$
50	97	157	89	95	1 $\frac{1}{2}$
63	124	183	101	107	2
75	166	233	136	144	2 $\frac{1}{2}$
90	200	254	141	151	3
110	238	301	164	174	4

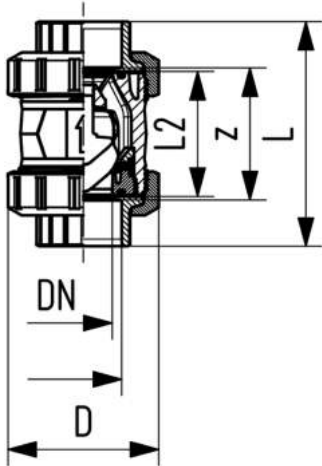
PF 2 31 161 012



Check valve type 562 PVC-C With threaded sockets Rp

Model:

- For horizontal or vertical installation
- Sealing at a minimum water column of 1 m
- Spring loaded, spring made of stainless steel (1.4310)
- Spring available in other materials, see spare parts
- Designed for easy installation and removal
- Vibration free even at high flow velocity
- Flow-optimized return cone, double guided
- Compact installation length, same as ball valve type 546
- Z-length, end connectors and union nuts **not** compatible with type 360
- New DN56-DN100



Rp [inch]	DN [mm]	PN [bar]	kv-value (Δp=1 bar) [l/min]	EPDM Code	SP	Weight [kg]	FPM Code	SP	Weight [kg]
3/8	10	10	190	163 562 021	1	0.120	163 562 031	1	0.120
1/2	15	10	180	163 562 022	1	0.120	163 562 032	1	0.120
3/4	20	10	380	163 562 023	1	0.260	163 562 033	1	0.280
1	25	10	460	163 562 024	1	0.290	163 562 034	1	0.290
1 1/4	32	10	850	163 562 025	1	0.490	163 562 035	1	0.500
1 1/2	40	10	1080	163 562 026	1	0.740	163 562 036	1	0.750
2	50	10	1670	163 562 027	1	1.530	163 562 037	1	1.530
2 1/2	65	10	2950	163 562 028	1	3.530	163 562 038	1	3.550
3	80	10	3600	163 562 029	1	5.670	163 562 039	1	5.700
4	100	10	4150	163 562 030	1	8.990	163 562 040	1	9.030

Rp [inch]	D [mm]	L [mm]	L2 [mm]	z [mm]
3/8	50	95	56	69
1/2	50	100	56	67
3/4	58	114	65	78
1	68	127	71	85
1 1/4	84	146	85	100
1 1/2	97	152	89	106
2	124	177	101	121
2 1/2	166	233	136	144
3	200	254	141	151
4	238	301	164	174

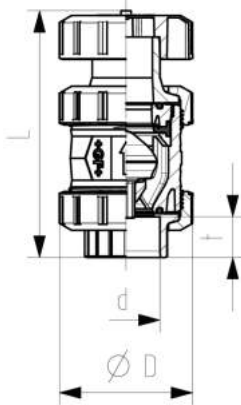
PF 2 31 161 012

Process control valves

Ventilating and bleed valve Type 591 PVC-C With solvent cement sockets metric

Model:

- With protection cap up to DN50 made of PP-GF, DN65-100 made of POM
- Floater made of PP-H
- Designed for easy installation and removal
- Compact installation length



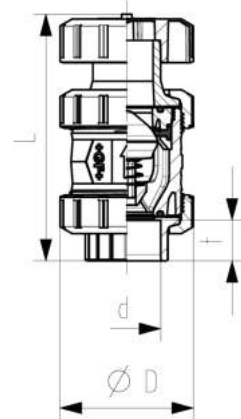
PF 2 31 161 012

d [mm]	DN [mm]	PN [bar]	EPDM Code	FPM Code	D [mm]	L [mm]	t [mm]	closest inch [inch]	
16	10	16	163 591 001	163 591 011	50	118	14	3/8	
20	15	16	163 591 002	163 591 012	50	124	16	1/2	
25	20	16	163 591 003	163 591 013	58	142	19	3/4	
32	25	16	163 591 004	163 591 014	68	157	22	1	
40	32	16	163 591 005	163 591 015	84	179	26	1 1/4	
50	40	16	163 591 006	163 591 016	97	197	31	1 1/2	
63	50	16	163 591 007	163 591 017	124	229	38	2	
75	65	16	163 591 008	163 591 018	166	258	45	2 1/2	
90	80	16	163 591 009	163 591 019	200	277	52	3	
110	100	16	163 591 010	163 591 020	238	320	64	4	

Ventilating valve type 595 PVC-C With solvent cement sockets metric

Model:

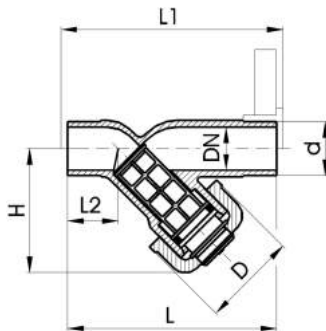
- With protection cap up to DN50 made of PP-GF, DN65-100 made of POM
- Spring loaded, spring made of NIMONIC 90, HALAR coated
- Spring available in other materials, see spare parts
- Designed for easy installation and removal
- Compact installation length



PF 2 31 161 012

d [mm]	DN [mm]	PN [bar]	EPDM Code	FPM Code	D [mm]	L [mm]	t [mm]	closest inch [inch]	
16	10	16	163 595 001	163 595 011	50	118	14	3/8	
20	15	16	163 595 002	163 595 012	50	124	16	1/2	
25	20	16	163 595 003	163 595 013	58	142	19	3/4	
32	25	16	163 595 004	163 595 014	68	157	22	1	
40	32	16	163 595 005	163 595 015	84	179	26	1 1/4	
50	40	16	163 595 006	163 595 016	97	197	31	1 1/2	
63	50	16	163 595 007	163 595 017	124	229	38	2	
75	65	16	163 595 008	163 595 018	166	258	45	2 1/2	
90	80	16	163 595 009	163 595 019	200	277	52	3	
110	100	16	163 595 010	163 595 020	238	320	64	4	

Strainers



Line strainer type 305 PVC-C With solvent cement spigots metric

Model:

- Protects valves, pumps, etc. from becoming soiled
- Easy dismantling for cleaning the screens
- Overall length EN 558
- Cylindrical screen must be ordered separately

d [mm]	DN [mm]	PN [bar]	EPDM Code	SP	Weight [kg]	FPM Code	SP	Weight [kg]
20	15	10	163 305 302	1	0.110	163 305 317	1	0.120
25	20	10	163 305 303	1	0.160	163 305 318	1	0.160
32	25	10	163 305 304	1	0.250	163 305 319	1	0.250
40	32	10	163 305 305	1	0.380	163 305 320	1	0.640
50	40	10	163 305 306	1	0.640	163 305 321	1	0.640
63	50	10	163 305 307	1	1.072	163 305 322	1	1.076

d [mm]	D [mm]	H [mm]	L [mm]	L1 [mm]	L2 [mm]	closest inch [inch]
20	48	65	124	130	28	1 1/2
25	54	76	144	150	37	3/4
32	62	90	154	160	37	1
40	71	104	174	180	44	1 1/4
50	88	124	194	200	48	1 1/2
63	103	148	224	230	60	2

PF 2 32 200 004



Screen stainless steel Screen perforation 0.5 mm

Model:

- Stainless Steel A4 Quality (AISI 316)
- For line strainers Type 305

d [mm]	DN [mm]	kv-value (Δp=1 bar) [l/min]	Code	D [mm]	L [mm]	closest inch [inch]
20	15	35	161 486 100	14	39	1 1/2
25	20	60	161 486 101	18	48	3/4
32	25	85	161 486 102	24	60	1
40	32	130	161 486 103	30	71	1 1/4
50	40	200	161 486 104	38	87	1 1/2
63	50	330	161 486 105	48	106	2
75	65	460	161 486 106	61	100	2 1/2
90	80	665	161 486 107	73	118	3

PF 2 32 200 999