

Product Range

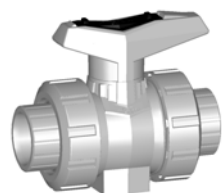
Type 546
Manual and Actuated
Ball Valves
DN10 to DN100



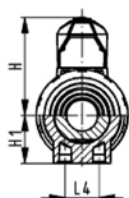
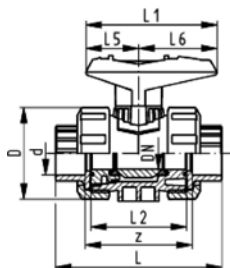
GEORG FISCHER
PIPING SYSTEMS

Ball valves

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



DN10/15 - 50



Model:

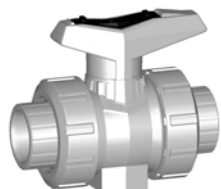
- Image and drawing DN65-100 please see **New product ball valve DN65-100**
- For easy installation and removal
- z-dimension, valve end and valve nut are **not compatible** with type 346 (DN10/15-50) resp. type 370 (DN65-100)
- Ball seals PTFE
- Without mounting inserts

Option:

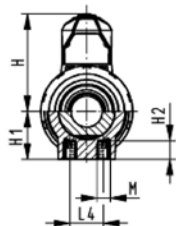
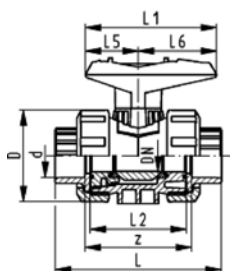
- Individual configuration of the valve (see form)
- Multifunctional module with integrated limit switches
- Pneumatic or electric actuators from +GF+

d [mm]	DN [mm]	PN	kv-value ($\Delta p=1$ bar) [l/min]	EPDM Code	FPM Code	kg	
16	10	16	71	163 546 001	163 546 011	0.160	
20	15	16	185	163 546 002	163 546 012	0.160	
25	20	16	350	163 546 003	163 546 013	0.245	
32	25	16	700	163 546 004	163 546 014	0.365	
40	32	16	1000	163 546 005	163 546 015	0.660	
50	40	16	1600	163 546 006	163 546 016	0.890	
63	50	16	3100	163 546 007	163 546 017	1.650	
 75	65	16	5000	163 546 008	163 546 018	5.300	
 90	80	16	7000	163 546 009	163 546 019	8.000	
 110	100	16	11000	163 546 010	163 546 020	12.700	

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



DN10/15 - 50



Ball valve type 546 PVC-C

With mounting inserts

With solvent cement sockets metric

Model:

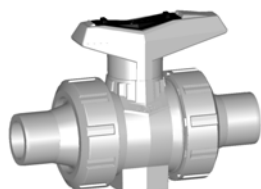
- Image and drawing DN65-100 please see **New product ball valve DN65-100**
- For easy installation and removal
- z-dimension, valve end and valve nut are **not compatible** with type 346 (DN10/15-50) resp. type 370 (DN65-100)
- Ball seals PTFE
- Integrated stainless steel mounting inserts

Option:

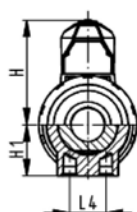
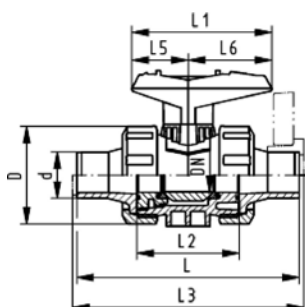
- Individual configuration of the valve (see form)
- Multifunctional module with integrated limit switches
- Pneumatic or electric actuators from +GF+

d [mm]	DN [mm]	PN	kv-value ($\Delta p=1$ bar) [l/min]	EPDM Code	FPM Code	kg	
16	10	16	71	163 546 061	163 546 071	0.160	
20	15	16	185	163 546 062	163 546 072	0.160	
25	20	16	350	163 546 063	163 546 073	0.245	
32	25	16	700	163 546 064	163 546 074	0.365	
40	32	16	1000	163 546 065	163 546 075	0.660	
50	40	16	1600	163 546 066	163 546 076	0.890	
63	50	16	3100	163 546 067	163 546 077	1.650	
 75	65	16	5000	163 546 068	163 546 078	5.300	
 90	80	16	7000	163 546 069	163 546 079	8.000	
 110	100	16	11000	163 546 070	163 546 080	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]	
16	50	57	27	12	92	77	56	25	32	45	M6	64	
20	50	57	27	12	95	77	56	25	32	45	M6	64	
25	58	67	30	12	110	97	65	25	39	58	M6	72	
32	68	73	36	12	123	97	71	25	39	58	M6	79	
40	84	90	44	15	146	128	85	45	54	74	M8	94	
50	97	97	51	15	157	128	89	45	54	74	M8	95	
63	124	116	64	15	183	152	101	45	66	87	M8	107	
 75	166	149	85	15	233	270	136	70	64	206	M8	144	
 90	200	161	105	15	254	270	141	70	64	206	M8	151	
 110	238	178	123	22	301	320	164	120	64	256	M12	174	



DN10/15 - 50



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

Model:

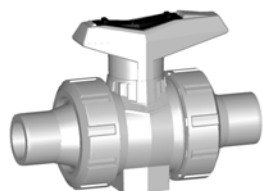
- Image and drawing DN65-100 please see **New product ball valve DN65-100**
- For easy installation and removal
- z-dimension, valve end and valve nut are **not compatible** with type 346 (DN10/15-50) resp. type 370 (DN65-100)
- Ball seals PTFE
- Without mounting inserts

Option:

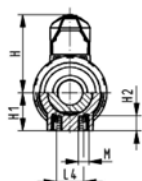
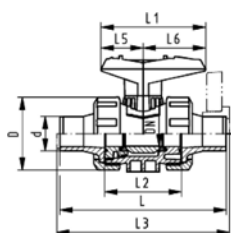
- Individual configuration of the valve (see form)
- Multifunctional module with integrated limit switches
- Pneumatic or electric actuators from +GF+

d [mm]	DN [mm]	PN	kv-value ($\Delta p=1$ bar) [l/min]	EPDM Code	FPM Code	kg	
16	10	16	71	163 546 041	163 546 051	0.160	
20	15	16	185	163 546 042	163 546 052	0.160	
25	20	16	350	163 546 043	163 546 053	0.245	
32	25	16	700	163 546 044	163 546 054	0.365	
40	32	16	1000	163 546 045	163 546 055	0.660	
50	40	16	1600	163 546 046	163 546 056	0.890	
63	50	16	3100	163 546 047	163 546 057	1.650	
 75	65	16	5000	163 546 048	163 546 058	5.500	
 90	80	16	7000	163 546 049	163 546 059	8.200	
 110	100	16	11000	163 546 050	163 546 060	12.900	

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



DN10/15 - 50



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

Model:

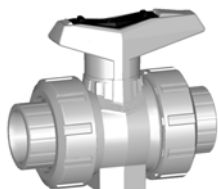
- Image and drawing DN65-100 please see **New product ball valve DN65-100**
- For easy installation and removal
- z-dimension, valve end and valve nut are **not compatible** with type 346 (DN10/15-50) resp. type 370 (DN65-100)
- Ball seals PTFE
- Integrated stainless steel mounting inserts

Option:

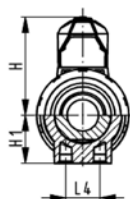
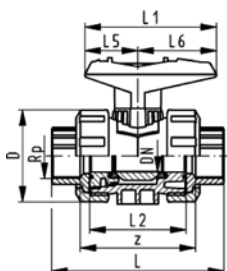
- Individual configuration of the valve (see form)
- Multifunctional module with integrated limit switches
- Pneumatic or electric actuators from +GF+

d [mm]	DN [mm]	PN	kv-value ($\Delta p=1$ bar) [l/min]	EPDM Code	FPM Code	kg							
16	10	16	71	163 546 381	163 546 391	0.162							
20	15	16	185	163 546 382	163 546 392	0.162							
25	20	16	350	163 546 383	163 546 393	0.247							
32	25	16	700	163 546 384	163 546 394	0.367							
40	32	16	1000	163 546 385	163 546 395	0.665							
50	40	16	1600	163 546 386	163 546 396	0.895							
63	50	16	3100	163 546 387	163 546 397	1.655							
 75	65	16	5000	163 546 388	163 546 398	5.500							
 90	80	16	7000	163 546 389	163 546 399	8.200							
 110	100	16	11000	163 546 390	163 546 400	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	
16	50	57	27	12	114	77	56		25	32	45	M6	
20	50	57	27	12	124	77	56	130	25	32	45	M6	
25	58	67	30	12	144	97	65	150	25	39	58	M6	
32	68	73	36	12	154	97	71	160	25	39	58	M6	
40	84	90	44	15	174	128	85	180	45	54	74	M8	
50	97	97	51	15	194	128	89	200	45	54	74	M8	
63	124	116	64	15	224	152	101	230	45	66	87	M8	
 75	166	149	85	15	284	270	136	290	70	64	206	M8	
 90	200	161	105	15	300	270	141	310	70	64	206	M8	
 110	238	178	123	22	340	320	164	350	120	64	256	M12	



DN10/15 - 50



Ball valve type 546 PVC-C With threaded sockets Rp

Model:

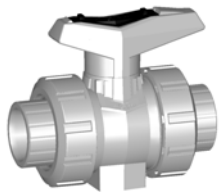
- Image and drawing DN65-100 please see **New product ball valve DN65-100**
- For easy installation and removal
- z-dimension, valve end and valve nut are **not compatible** with type 346 (DN10/15-50) resp. type 370 (DN65-100)
- Ball seals PTFE
- Without mounting inserts

Option:

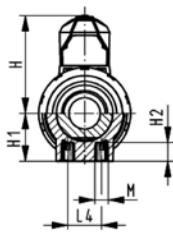
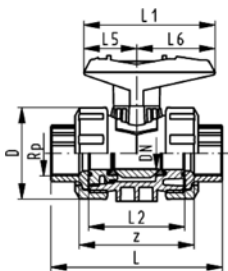
- Individual configuration of the valve (see form)
- Multifunctional module with integrated limit switches
- Pneumatic or electric actuators from +GF+

Rp [inch]	DN [mm]	PN	kv-value ($\Delta p=1$ bar) [l/min]	EPDM Code	FPM Code	kg	
3/8	10	10	71	163 546 021	163 546 031	0.160	
1/2	15	10	185	163 546 022	163 546 032	0.160	
3/4	20	10	350	163 546 023	163 546 033	0.245	
1	25	10	700	163 546 024	163 546 034	0.365	
1 1/4	32	10	1000	163 546 025	163 546 035	0.660	
1 1/2	40	10	1600	163 546 026	163 546 036	0.890	
2	50	10	3100	163 546 027	163 546 037	1.650	
 2 1/2	65	10	5000	163 546 028	163 546 038	5.400	
 3	80	10	7000	163 546 029	163 546 039	8.100	
 4	100	10	11000	163 546 030	163 546 040	12.700	

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



DN10/15 - 50



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

Model:

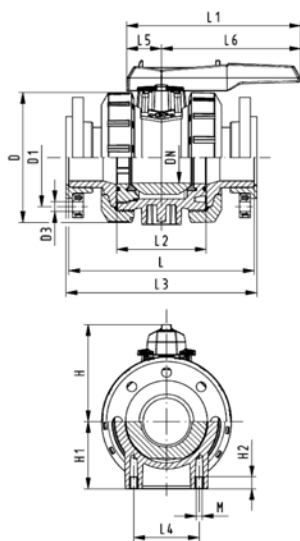
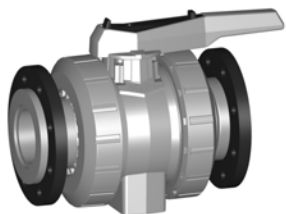
- Image and drawing DN65-100 please see **New product ball valve DN65-100**
- For easy installation and removal
- z-dimension, valve end and valve nut are **not compatible** with type 346 (DN10/15-50) resp. type 370 (DN65-100)
- Ball seals PTFE
- Integrated stainless steel mounting inserts

Option:

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

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



Ball valve type 546 PVC-C

With mounting inserts

With backing flanges PP-st metric

Model:

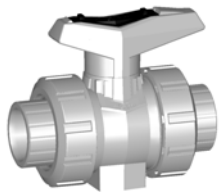
- Image and drawing DN65-100 please see **New product ball valve DN65-100**
- For easy installation and removal
- z-dimension, valve end and valve nut are **not compatible** with type 346 (DN10/15-50) resp. type 370 (DN65-100)
- Ball seals PTFE
- Integrated stainless steel mounting inserts
- Overall length according to EN 558-1
- Connecting dimensions: ISO 7005, EN 1092, BS 4504, DIN 2501; bolt circle PN 10

Option:

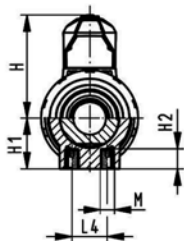
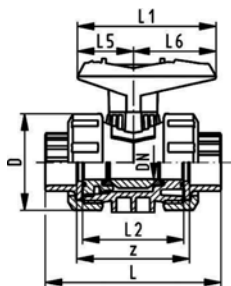
- Individual configuration of the valve (see form)
- Multifunctional module with integrated limit switches
- Pneumatic or electric actuators from +GF+

d [mm]	DN [mm]	PN	kv-value ($\Delta p=1$ bar) [l/min]	EPDM Code	FPM Code	kg								
75	65	16	5000	163 546 108	163 546 118	6.000								
90	80	16	7000	163 546 109	163 546 119	9.100								
110	100	16	11000	163 546 110	163 546 120	14.200								

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



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:

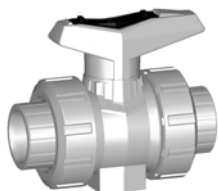
- Image and drawing DN65-100 please see **New product ball valve DN65-100**
- For easy installation and removal
- Ball seals PTFE
- z-dimension, valve end and valve nut are **not compatible** with type 346 (DN10/15-50) resp. type 370 (DN65-100)
- Integrated stainless steel mounting inserts

Option:

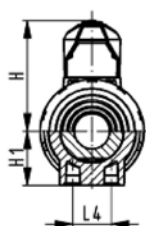
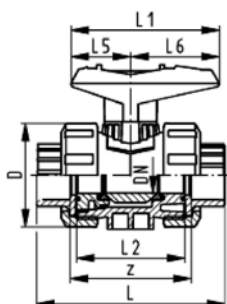
- Individual configuration of the valve (see form)
- Multifunctional module with integrated limit switches
- Pneumatic or electric actuators from +GF+

Inch	DN [mm]	PN	kv-value ($\Delta p=1$ bar) [l/min]	EPDM Code	FPM Code	kg	
3/8	10	16	71	163 546 341	163 546 351	0.194	
1/2	15	16	185	163 546 342	163 546 352	0.204	
3/4	20	16	350	163 546 343	163 546 353	0.304	
1	25	16	700	163 546 344	163 546 354	0.464	
1 1/4	32	16	1000	163 546 345	163 546 355	0.810	
1 1/2	40	16	1600	163 546 346	163 546 356	1.105	
2	50	16	3100	163 546 347	163 546 357	2.005	

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	



DN10/15 - 50



Ball valve type 546 PVC-C

With solvent cement sockets Inch ASTM

Including 2 threaded union ends NPT

Model:

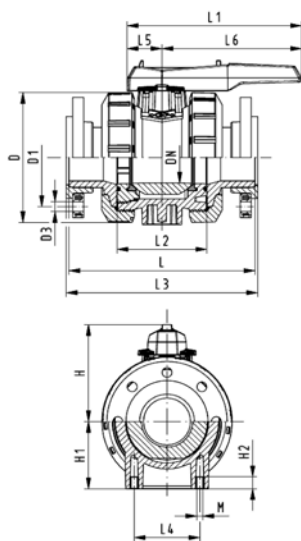
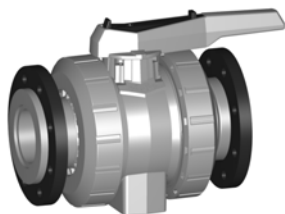
- For easy installation and removal
- z-dimension, valve end and valve nut are **not compatible** with type 346 (DN10/15-50) resp. type 370 (DN65-100)
- Ball seals PTFE
- Without mounting inserts
- Threaded valve ends are only enclosed for DN10/15-50

Option:

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

Inch	DN [mm]	PN	kv-value ($\Delta p=1$ bar) [l/min]	EPDM Code	FPM Code	kg	
3/8	10	16	71	163 546 301	163 546 311	0.190	
1/2	15	16	185	163 546 302	163 546 312	0.200	
3/4	20	16	350	163 546 303	163 546 313	0.300	
1	25	16	700	163 546 304	163 546 314	0.460	
1 1/4	32	16	1000	163 546 305	163 546 315	0.800	
1 1/2	40	16	1600	163 546 306	163 546 316	1.095	
2	50	16	3100	163 546 307	163 546 317	1.995	
 2 1/2	65	16	5000	163 546 308	163 546 318	5.400	
 3	80	16	7000	163 546 309	163 546 319	8.100	
 4	100	16	11000	163 546 310	163 546 320	12.800	

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



Ball valve type 546 PVC-C

With mounting inserts

With backing flanges PP-st Inch/ANSI

Model:

- Image and drawing DN65-100 please see **New product ball valve DN65-100**
- For easy installation and removal
- z-dimension, valve end and valve nut are **not compatible** with type 346 (DN10/15-50) resp. type 370 (DN65-100)
- Ball seals PTFE
- Integrated stainless steel mounting inserts
- Overall length according to EN 558-1
- Connecting dimension ANSI/ASME B 16.5 / ASTM D 4024

Option:

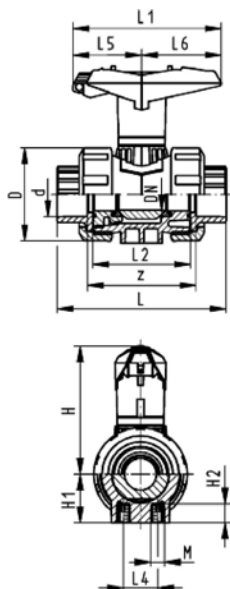
- Individual configuration of the valve (see form)
- Multifunctional module with integrated limit switches
- Pneumatic or electric actuators from +GF+

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

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



DN10/15 - 50



Ball valve type 546 PVC-C

With lockable handle

With solvent cement sockets metric

Model:

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

Option:

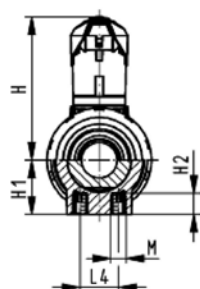
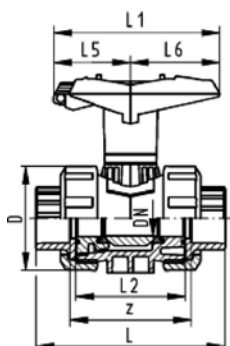
- Individual configuration of the valve (see form)
- Multifunctional module with integrated limit switches
- Pneumatic or electric actuators from +GF+

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

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]	
16	50	79	27	12	92	87	56	25	42	45	M6	64	
20	50	79	27	12	95	87	56	25	42	45	M6	64	
25	58	88	30	12	110	108	65	25	50	58	M6	72	
32	68	94	36	12	123	108	71	25	50	58	M6	79	
40	84	113	44	15	146	140	85	45	66	75	M8	94	
50	97	119	51	15	157	140	89	45	66	75	M8	95	
63	124	141	64	15	183	165	101	45	78	87	M8	107	
75	166	224	85	15	233	270	136	70	64	206	M8	144	
90	200	235	105	15	254	270	141	70	64	206	M8	151	
110	238	245	123	22	301	320	164	120	64	256	M12	174	



DN10/15 - 50



Ball valve type 546 PVC-C

With lockable handle

With solvent cement sockets Inch ASTM

Including 2 threaded union ends NPT

Model:

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

Option:

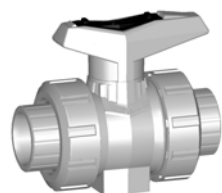
- Individual configuration of the valve (see form)
- Multifunctional module with integrated limit switches
- Pneumatic or electric actuators from +GF+

Inch	DN [mm]	PN	kv-value ($\Delta p=1$ bar) [l/min]	EPDM Code	FPM Code	kg	
3/8	10	16	71	163 546 361	163 546 371	0.205	
1/2	15	16	185	163 546 362	163 546 372	0.215	
3/4	20	16	350	163 546 363	163 546 373	0.325	
1	25	16	700	163 546 364	163 546 374	0.485	
1 1/4	32	16	1000	163 546 365	163 546 375	0.840	
1 1/2	40	16	1600	163 546 366	163 546 376	1.135	
2	50	16	3100	163 546 367	163 546 377	2.035	
2 1/2	65	16	5000	163 546 368	163 546 378	5.800	
3	80	16	7000	163 546 369	163 546 379	8.500	
4	100	16	11000	163 546 370	163 546 380	13.100	

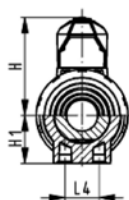
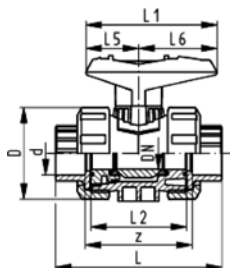
Inch	D [mm]	H [mm]	H1 [mm]	H2 [mm]	L [mm]	L1 [mm]	L2 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	M	z [mm]	
3/8	50	79	27	12	105	87	56	25	42	45	M6	67	
1/2	50	79	27	12	105	87	56	25	42	45	M6	61	
3/4	58	88	30	12	121	108	65	25	50	58	M6	70	
1	68	94	36	12	133	108	71	25	50	58	M6	76	
1 1/4	84	113	44	15	154	140	85	45	66	75	M8	90	
1 1/2	97	119	51	15	164	140	89	45	66	75	M8	94	
2	124	141	64	15	183	165	101	45	78	87	M8	107	
2 1/2	166	224	85	15	233	270	136	70	64	206	M8	144	
3	200	235	105	15	254	270	141	70	64	206	M8	151	
4	238	245	123	22	301	320	164	120	64	256	M12	174	

Ball valves

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



DN10/15 - 50



Model:

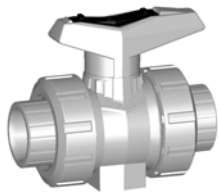
- Image and drawing DN65-100 please see **New product ball valve DN65-100**
- Silicon-free / paint-compatible
- For easy installation and removal
- z-dimension, valve end and valve nut are **not compatible** with type 346 (DN10/15-50) resp. type 370 (DN65-100)
- Ball seals PVDF
- Without mounting inserts

Option:

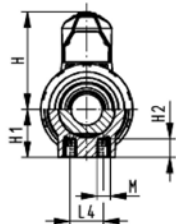
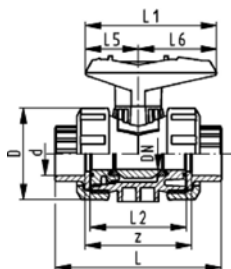
- Individual configuration of the valve (see form)
- Multifunctional module with integrated limit switches

d [mm]	DN [mm]	PN	kv-value ($\Delta p=1$ bar) [l/min]	EPDM Code	FPM Code	kg	
16	10	16	71	163 546 601	163 546 611	0.160	
20	15	16	185	163 546 602	163 546 612	0.160	
25	20	16	350	163 546 603	163 546 613	0.245	
32	25	16	700	163 546 604	163 546 614	0.365	
40	32	16	1000	163 546 605	163 546 615	0.660	
50	40	16	1600	163 546 606	163 546 616	0.890	
63	50	16	3100	163 546 607	163 546 617	1.650	
 75	65	16	5000	163 546 608	163 546 618	5.400	
 90	80	16	7000	163 546 609	163 546 619	8.100	
 110	100	16	11000	163 546 610	163 546 620	12.800	

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



DN10/15 - 50



Ball valve type 546 PVC-C SF

With mounting inserts

With solvent cement sockets metric

Model:

- Image and drawing DN65-100 please see **New product ball valve DN65-100**
- Silicon-free / paint-compatible
- For easy installation and removal
- z-dimension, valve end and valve nut are **not compatible** with type 346 (DN10/15-50) resp. type 370 (DN65-100)
- Ball seals PVDF
- Integrated stainless steel mounting inserts

Option:

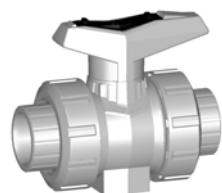
- Individual configuration of the valve (see form)
- Multifunctional module with integrated limit switches

d [mm]	DN [mm]	PN	kv-value ($\Delta p=1$ bar) [l/min]	EPDM Code	FPM Code	kg	
16	10	16	71	800 000 621	800 000 631	0.160	
20	15	16	185	800 000 622	800 000 632	0.160	
25	20	16	350	800 000 623	800 000 633	0.245	
32	25	16	700	800 000 624	800 000 634	0.365	
40	32	16	1000	800 000 625	800 000 635	0.660	
50	40	16	1600	800 000 626	800 000 636	0.890	
63	50	16	3100	800 000 627	800 000 637	1.650	
 75	65	16	5000	800 000 628	800 000 638	5.400	
 90	80	16	7000	800 000 629	800 000 639	8.100	
 110	100	16	11000	800 000 630	800 000 640	12.800	

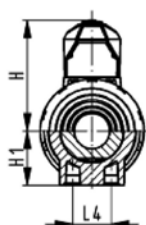
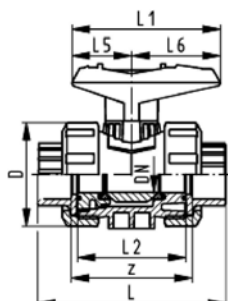
d [mm]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	L [mm]	L1 [mm]	L2 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	M	z [mm]	
16	50	57	27	12	92	77	56	25	32	45	M6	64	
20	50	57	27	12	95	77	56	25	32	45	M6	64	
25	58	67	30	12	110	97	65	25	39	58	M6	72	
32	68	73	36	12	123	97	71	25	39	58	M6	79	
40	84	90	44	15	146	128	85	45	54	74	M8	94	
50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

Ball valves

Ball valve type 546 PVC-C SF With solvent cement sockets Inch ASTM



DN10/15 - 50



Model:

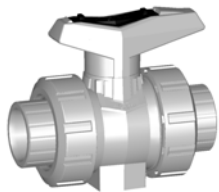
- Image and drawing DN65-100 please see **New product ball valve DN65-100**
- Silicon-free / paint-compatible
- For easy installation and removal
- z-dimension, valve end and valve nut are **not compatible** with type 346 (DN10/15-50) resp. type 370 (DN65-100)
- Ball seals: Inch ASTM in PTFE
- Without mounting inserts

Option:

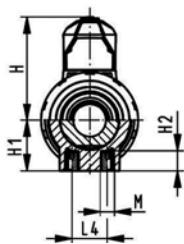
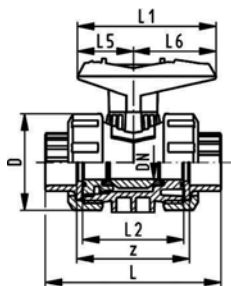
- Individual configuration of the valve (see form)
- Multifunctional module with integrated limit switches

Inch	DN [mm]	PN	kv-value ($\Delta p=1$ bar) [l/min]	FPM Code	kg	
1/2	15	16	185	163 546 692	0.160	
3/4	20	16	350	163 546 693	0.245	
1	25	16	700	163 546 694	0.365	
1 1/4	32	16	1000	163 546 695	0.660	
1 1/2	40	16	1600	163 546 696	0.890	
2	50	16	3100	163 546 697	1.650	
 2 1/2	65	16	5000	163 546 698	5.300	
 3	80	16	7000	163 546 699	7.900	
 4	100	16	11000	163 546 700	12.600	

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



DN10/15 - 50



Ball valve type 546 PVC-C SF

With mounting inserts

With solvent cement sockets Inch ASTM

Model:

- Integrated stainless steel mounting inserts
- Silicon-free / paint-compatible
- Ball seals:
- - inch ASTM: PTFE
- For easy installation and removal
- z-dimension, valve end and valve nut are **not compatible** with type 346 (DN10/15-50) resp. type 370 (DN65-100)
- Without mounting inserts

Option:

- Individual configuration of the valve (see form)
- Multifunctional module with integrated limit switches

Inch	DN [mm]	PN	kv-value ($\Delta p=1$ bar) [l/min]	EPDM Code	FPM Code	kg	
1/2	15	16	185	163 546 842	163 546 852	0.164	
3/4	20	16	350	163 546 843	163 546 853	0.249	
1	25	16	700	163 546 844	163 546 854	0.369	
1 1/4	32	16	1000	163 546 845	163 546 855	0.670	
1 1/2	40	16	1600	163 546 846	163 546 856	0.900	
2	50	16	3100	163 546 847	163 546 857	1.660	

Inch	D [mm]	H [mm]	H1 [mm]	H2 [mm]	L [mm]	L1 [mm]	L2 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	M	z [mm]	
1/2	50	57	27	12	105	77	56	25	32	45	6	61	
3/4	58	67	30	12	121	97	65	25	39	58	6	70	
1	68	73	36	12	133	97	71	25	39	58	6	76	
1 1/4	84	90	44	15	154	128	85	45	54	74	8	90	
1 1/2	97	97	51	15	164	128	89	45	54	74	8	94	
2	124	116	64	15	183	152	101	45	66	87	8	107	

Copiable

Configurator GF ball valve type 546 PVC-C

Ball Valve

A01Ball Valve 546

Material

B02PVC-C

Dimension

C05DN 103/8"

C06DN 151/2"

C07DN 203/4"

C08DN 251"

C09DN 321 1/4"

C10DN 401 1/2"

C11DN 502"

C12DN 652 1/2"

C13DN 803"

C14DN 1004"

Version

D01Standard, PTFE ball seal

D02oilfree, PTFE ball seal (only with specific connecting parts)

D03silicon-free, PTFE ball seal (only with specific connecting parts)

D04silicon-free, PVDF ball seal metric (only with specific connecting parts)

Seals

E01EPDM seals

E02FPM seals

Threaded inserts

F01without threaded inserts

F02with threaded inserts

Connecting parts

G11PVC-C Cement socket metric

G12PVC-C Cement socket JIS

G13PVC-C Cement socket inch ASTM

G14PVC-C Cement spigot metric

G15PVC-C Threaded socket Rp

G16PVC-C Threaded socket Rp reinforced (DN10-50)

G17PVC-C Threaded socket NPT

G40PE-100 Butt fusion metric

G41PE-100 Butt fusion spigot SDR11 metric

G42PE-100 Butt fusion spigot SDR17.6 metric (DN65-100)

G43PE-100 Butt fusion spigot long SDR11 metric

G72Backing flange PP-steel metric

G73Backing flange PP-steel inch ANSI

G81PVC-C Valve end blank

Multi-functional module

I01No multi-functional module

I02Empty module

I03Module with 2 end switches Ag, Ni

I04Module with 2 end switches Au

I05Module with 2 inductive switches Namur

I06Module with 2 inductive switches PNP

I07Module with 2 inductive switches NPN

Lever

K01Standard lever red

K02Standard lever black

K11Multi-functional lever red

Mounting plate

L01without mounting plate

L02with mounting plate

A01B02CDEFGGLIKL

leftright

You will find a large selection of different versions in our range of products. New system elements also provide you with new opportunities for use. In order for us to supply exactly the ball valve you need for you application, we have created a selection menu for you.

We supply what you put together.

Ball valves electric

Ball valve type 107 PVC-C 100-230V With manual emergency override With solvent cement sockets metric



DN10/15 - 50

Model:

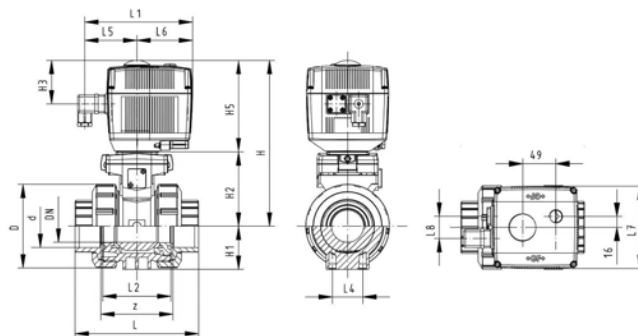
- Built on with electric actuator EA11
- Voltage 100-230 V, 50-60 Hz
- Control range 90°<)
- Control time 5 s/90°<)
- For easy installation and removal
- Integrated stainless steel mounting inserts

Option:

- Individual configuration of the valve (see form)

d [mm]	DN [mm]	PN	kv-value ($\Delta p=1$ bar) [l/min]	EPDM Code	FPM Code	kg										
16	10	10	70	199 107 102	199 107 112	1.770										
20	15	10	185	199 107 103	199 107 113	1.780										
25	20	10	350	199 107 104	199 107 114	1.860										
32	25	10	700	199 107 105	199 107 115	1.950										
40	32	10	1000	199 107 106	199 107 116	2.190										
50	40	10	1600	199 107 107	199 107 117	2.360										
63	50	10	3100	199 107 108	199 107 118	3.140										

d [mm]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	H5 [mm]	L [mm]	L1 [mm]	L2 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	L7 [mm]	L8 [mm]	z [mm]
16	50	200	27	64	64	137	92	161	56	25	77	83	122	33	64
20	50	200	27	64	64	137	95	161	56	25	77	83	122	33	64
25	58	209	30	73	64	137	110	161	65	25	77	83	122	33	72
32	68	209	36	73	64	137	123	161	71	25	77	83	122	33	79
40	84	220	44	64	64	137	146	161	85	45	77	83	122	33	94
50	97	220	51	84	64	137	157	161	89	45	77	83	122	33	95
63	124	243	64	106	64	137	183	161	101	45	77	83	122	33	107





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Ball valve type 107 PVC-C 24V

With manual emergency override

With solvent cement sockets metric

Model:

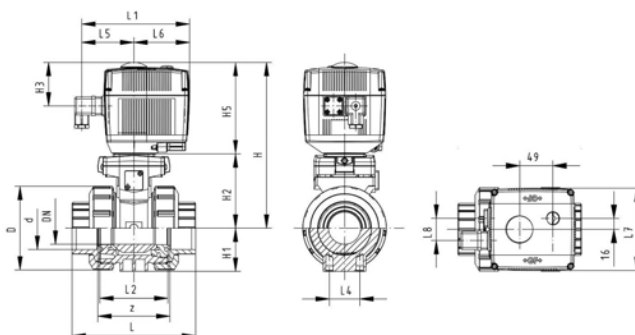
- Built on with electric actuator EA11
- Voltage 24 V AC/DC
- Control range 90°<)
- Control time 5 s/90°<)
- For easy installation and removal
- Integrated stainless steel mounting inserts

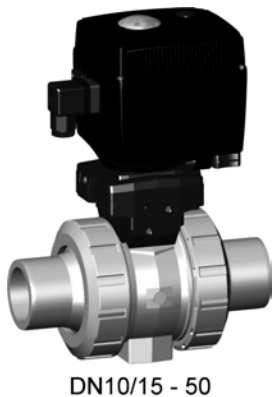
Option:

- Individual configuration of the valve (see form)

d [mm]	DN [mm]	PN	kv-value ($\Delta p=1$ bar) [l/min]	EPDM Code	FPM Code	kg
16	10	10	70	199 107 142	199 107 152	1.770
20	15	10	185	199 107 143	199 107 153	1.780
25	20	10	350	199 107 144	199 107 154	1.860
32	25	10	700	199 107 145	199 107 155	1.950
40	32	10	1000	199 107 146	199 107 156	2.190
50	40	10	1600	199 107 147	199 107 157	2.360
63	50	10	3100	199 107 148	199 107 158	3.140

d [mm]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	H5 [mm]	L [mm]	L1 [mm]	L2 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	L7 [mm]	L8 [mm]	z [mm]
16	50	200	27	64	64	137	92	161	56	25	77	83	122	33	64
20	50	200	27	64	64	137	95	161	56	25	77	83	122	33	64
25	58	209	30	73	64	137	110	161	65	25	77	83	122	33	72
32	68	209	36	73	64	137	123	161	71	25	77	83	122	33	79
40	84	220	44	84	64	137	146	161	85	45	77	83	122	33	94
50	97	220	51	84	64	137	157	161	89	45	77	83	122	33	95
63	124	243	64	106	64	137	183	161	101	45	77	83	122	33	107





Ball valve type 107 PVC-C 100-230V

With manual emergency override

With solvent cement spigots metric

Model:

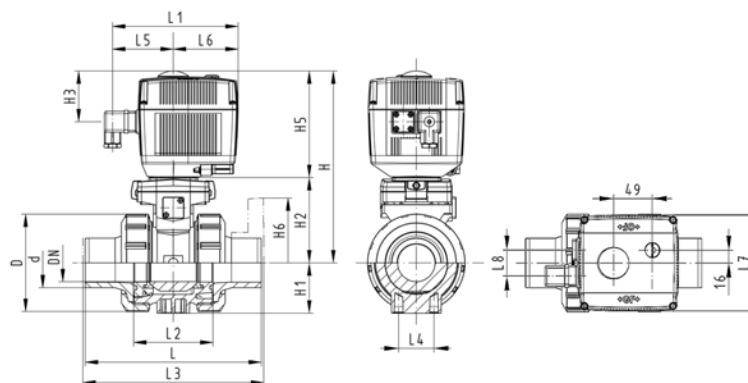
- Built on with electric actuator EA11
- Voltage 100-230 V, 50-60 Hz
- Control range 90°<)
- Control time 5 s/90°<)
- For easy installation and removal
- Integrated stainless steel mounting inserts

Option:

- Individual configuration of the valve (see form)

d [mm]	DN [mm]	PN	kv-value ($\Delta p=1$ bar) [l/min]	EPDM Code	FPM Code	kg	
16	10	10	70	199 107 122	199 107 132	1.770	
20	15	10	185	199 107 123	199 107 133	1.780	
25	20	10	350	199 107 124	199 107 134	1.860	
32	25	10	700	199 107 125	199 107 135	1.950	
40	32	10	1000	199 107 126	199 107 136	2.190	
50	40	10	1600	199 107 127	199 107 137	2.360	
63	50	10	3100	199 107 128	199 107 138	3.140	

d [mm]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	H5 [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	L7 [mm]	L8 [mm]	
16	50	200	27	64	64	137	114	161	56	130	25	77	83	122	33	
20	50	200	27	64	64	137	124	161	56	130	25	77	83	122	33	
25	58	209	30	73	64	137	144	161	65	150	25	77	83	122	33	
32	68	209	36	73	64	137	154	161	71	160	25	77	83	122	33	
40	84	220	44	84	64	137	174	161	85	180	45	77	83	122	33	
50	97	220	51	84	64	137	194	161	89	200	45	77	83	122	33	
63	124	243	64	106	64	137	224	161	101	230	45	77	83	122	33	





Ball valve type 107 PVC-C 24V **With manual emergency override** **With solvent cement spigots metric**

Model:

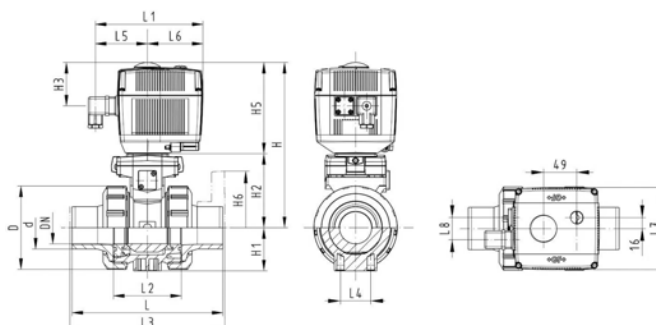
- Built on with electric actuator EA11
- Voltage 24 V AC/DC
- Control range 90°<)
- Control time 5 s/90°<)
- For easy installation and removal
- Integrated stainless steel mounting inserts

Option:

- Individual configuration of the valve (see form)

d [mm]	DN [mm]	PN	kv-value ($\Delta p=1$ bar) [l/min]	EPDM Code	FPM Code	kg	
16	10	10	70	199 107 162	199 107 172	1.770	
20	15	10	185	199 107 163	199 107 173	1.780	
25	20	10	350	199 107 164	199 107 174	1.860	
32	25	10	700	199 107 165	199 107 175	1.950	
40	32	10	1000	199 107 166	199 107 176	2.190	
50	40	10	1600	199 107 167	199 107 177	2.360	
63	50	10	3100	199 107 168	199 107 178	3.140	

d [mm]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	H5 [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	L7 [mm]	L8 [mm]
16	50	200	27	64	64	137	114	161	56	130	25	77	83	122	33
20	50	200	27	64	64	137	124	161	56	130	25	77	83	122	33
25	58	209	30	73	64	137	144	161	65	150	25	77	83	122	33
32	68	209	36	73	64	137	154	161	71	160	25	77	83	122	33
40	84	220	44	84	64	137	174	161	85	180	45	77	83	122	33
50	97	220	51	84	64	137	194	161	89	200	45	77	83	122	33
63	124	243	64	106	64	137	224	161	101	230	45	77	83	122	33





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Ball valve type 107 PVC-C 100-230V With manual emergency override With threaded sockets Rp

Model:

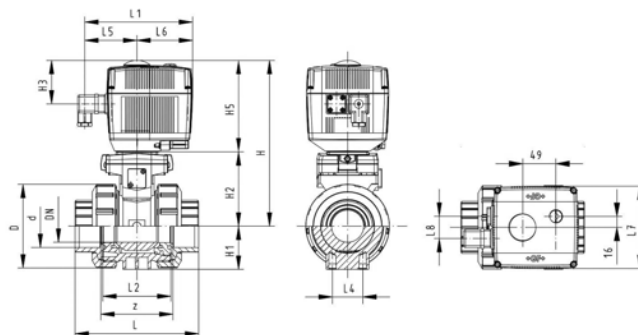
- Built on with electric actuator EA11
- Voltage 100-230 V, 50-60 Hz
- Control range 90°<)
- Control time 5 s/90°<)
- For easy installation and removal
- Integrated stainless steel mounting inserts

Option:

- Individual configuration of the valve (see form)

Rp [inch]	DN [mm]	PN	kv-value ($\Delta p=1$ bar) [l/min]	EPDM Code	FPM Code	kg										
3/8	10	10	70	199 107 702	199 107 712	2.100										
1/2	15	10	185	199 107 703	199 107 713	2.100										
3/4	20	10	350	199 107 704	199 107 714	2.200										
1	25	10	700	199 107 705	199 107 715	2.300										
1 1/4	32	10	1000	199 107 706	199 107 716	2.600										
1 1/2	40	10	1600	199 107 707	199 107 717	3.000										
2	50	10	3100	199 107 708	199 107 718	3.800										

Rp [inch]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	H5 [mm]	L [mm]	L1 [mm]	L2 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	L7 [mm]	L8 [mm]	z [mm]
3/8	50	200	27	64	64	137	92	161	56	25	77	83	122	33	64
1/2	50	200	27	64	64	137	95	161	56	25	77	83	122	33	64
3/4	58	209	30	73	64	137	110	161	65	25	77	83	122	33	72
1	68	209	36	73	64	137	123	161	71	25	77	83	122	33	79
1 1/4	84	220	44	84	64	137	146	161	85	45	77	83	122	33	94
1 1/2	97	220	51	84	64	137	157	161	89	45	77	83	122	33	95
2	124	243	64	106	64	137	183	161	101	45	77	83	122	33	107





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Ball valve type 107 PVC-C 24V

With manual emergency override

With threaded sockets Rp

Model:

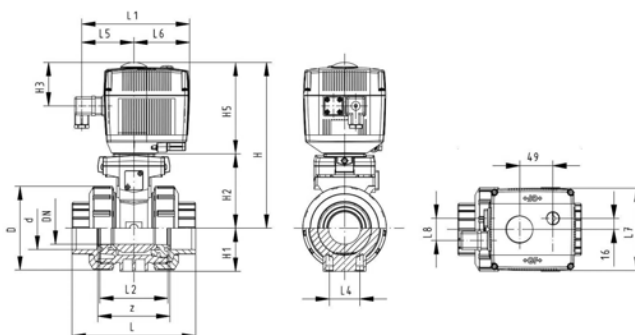
- Built on with electric actuator EA11
- Voltage 24 V AC/DC
- Control range 90°<)
- Control time 5 s/90°<)
- For easy installation and removal
- Integrated stainless steel mounting inserts

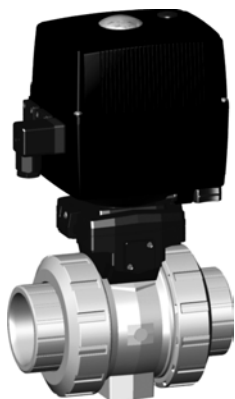
Option:

- Individual configuration of the valve (see form)

Rp [inch]	DN [mm]	PN	kv-value (Δp=1 bar) [l/min]	EPDM Code	FPM Code	kg										
3/8	10	10	70	199 107 742	199 107 752	2.100										
1/2	15	10	185	199 107 743	199 107 753	2.100										
3/4	20	10	350	199 107 744	199 107 754	2.200										
1	25	10	700	199 107 745	199 107 755	2.300										
1 1/4	32	10	1000	199 107 746	199 107 756	2.600										
1 1/2	40	10	1600	199 107 747	199 107 757	3.000										
2	50	10	3100	199 107 748	199 107 758	3.800										

Rp [inch]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	H5 [mm]	L [mm]	L1 [mm]	L2 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	L7 [mm]	L8 [mm]	z [mm]
3/8	50	200	27	64	64	137	92	161	56	25	77	83	122	33	64
1/2	50	200	27	64	64	137	95	161	56	25	77	83	122	33	64
3/4	58	209	30	73	64	137	110	161	65	25	77	83	122	33	72
1	68	209	36	73	64	137	123	161	71	25	77	83	122	33	79
1 1/4	84	220	44	84	64	137	146	161	85	45	77	83	122	33	94
1 1/2	97	220	51	84	64	137	157	161	89	45	77	83	122	33	95
2	124	243	64	106	64	137	183	161	101	45	77	83	122	33	107





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Ball valve type 130 PVC-C 100-230V With manual emergency override With solvent cement sockets metric

Model:

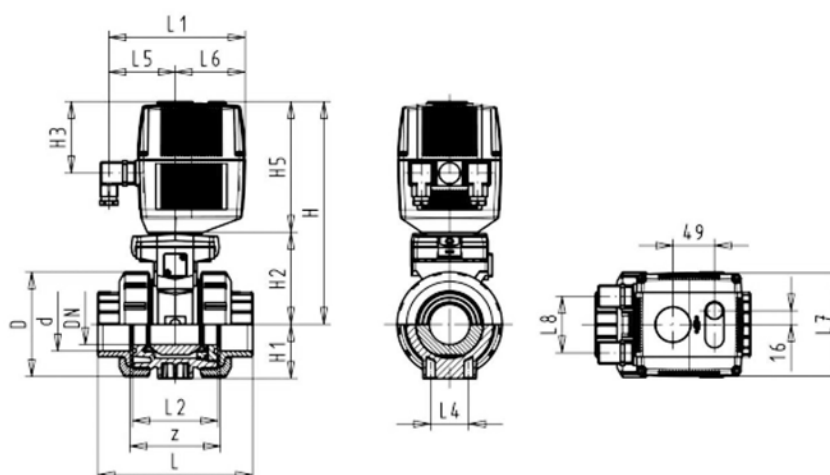
- Assignment of actuators EA21 (DN10/15-50), EA31 (DN65-100 if available)
- Image and drawing DN65-100 please see **New product ball valve DN65-100**
- For easy installation and removal
- Integrated stainless steel mounting inserts
- Voltage 100-230 V, 50-60 Hz
- Control range 90°<
- Control time: EA21: 5s/90°<, EA31: 15s/90°<

Option:

- Individual configuration of the valve (see form)

d [mm]	DN [mm]	PN	kv-value ($\Delta p=1$ bar) [l/min]	EPDM Code	FPM Code	kg	
16	10	10	70	199 130 402	199 130 412	2.100	
20	15	10	185	199 130 403	199 130 413	2.100	
25	20	10	350	199 130 404	199 130 414	2.200	
32	25	10	700	199 130 405	199 130 415	2.300	
40	32	10	1000	199 130 406	199 130 416	2.600	
50	40	10	1600	199 130 407	199 130 417	3.000	
63	50	10	3100	199 130 408	199 130 418	3.800	
 75	65	10	5000	199 130 409	199 130 419	4.000	
 90	80	10	7000	199 130 410	199 130 420	5.100	
 110	100	10	11000	199 130 411	199 130 421	6.700	

d [mm]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	H5 [mm]	L [mm]	L1 [mm]	L2 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	L7 [mm]	z [mm]
16	50	231	27	64	94	167	92	180	56	25	97	83	122	64
20	50	231	27	64	94	167	95	180	56	25	97	83	122	64
25	58	240	30	73	94	167	110	180	65	25	97	83	122	72
32	68	240	36	73	94	167	123	180	71	25	97	83	122	79
40	84	251	44	84	94	167	146	180	85	45	97	83	122	94
50	97	251	51	84	94	167	157	180	89	45	97	83	122	95
63	124	273	64	106	94	167	183	180	101	45	97	83	122	107
 75	166	346	85	156	94	190	233	180	136	70	98	83	122	144
 90	200	358	105	168	94	190	254	180	141	70	98	83	122	151
 110	238	365	123	175	94	190	301	180	164	120	98	83	122	174





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Ball valve type 130 PVC-C 24V With manual emergency override With solvent cement sockets metric

Model:

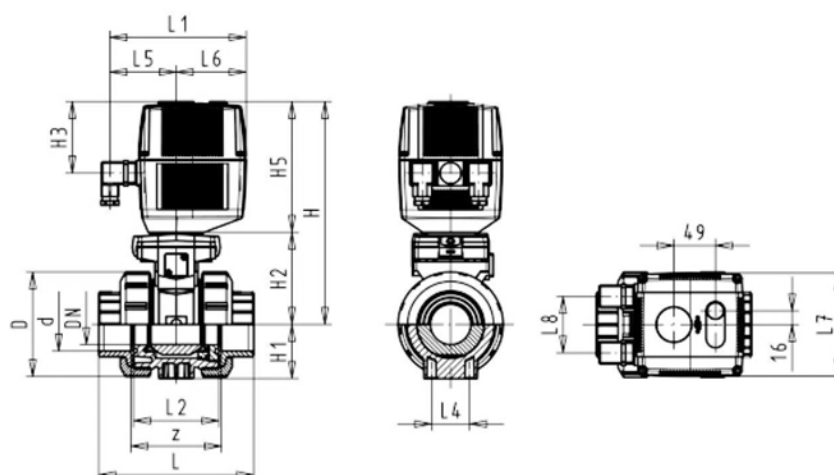
- Assignment of actuators EA21 (DN10/15-50), EA31 (DN65-100 if available)
- Image and drawing DN65-100 please see **New product ball valve DN65-100**
- For easy installation and removal
- Integrated stainless steel mounting inserts
- Voltage 24 V AC/DC
- Control range 90°<
- Control time: EA21: 5s/90°<, EA31: 15s/90°<

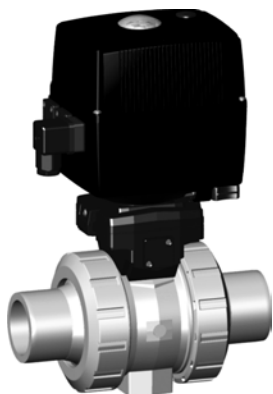
Option:

- Individual configuration of the valve (see form)

d [mm]	DN [mm]	PN	kv-value ($\Delta p=1$ bar) [l/min]	EPDM Code	FPM Code	kg	
16	10	10	70	199 130 442	199 130 452	2.100	
20	15	10	185	199 130 443	199 130 453	2.100	
25	20	10	350	199 130 444	199 130 454	2.200	
32	25	10	700	199 130 445	199 130 455	2.300	
40	32	10	1000	199 130 446	199 130 456	2.600	
50	40	10	1600	199 130 447	199 130 457	3.000	
63	50	10	3100	199 130 448	199 130 458	3.800	
 75	65	10	5000	199 130 449	199 130 459	4.000	
 90	80	10	7000	199 130 450	199 130 460	5.100	
 110	100	10	11000	199 130 451	199 130 461	6.700	

d [mm]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	H5 [mm]	L [mm]	L1 [mm]	L2 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	L7 [mm]	z [mm]	
16	50	231	27	64	94	167	92	180	56	25	97	83	122	64	
20	50	231	27	64	94	167	95	180	56	25	97	83	122	64	
25	58	240	30	73	94	167	110	180	65	25	97	83	122	72	
32	68	240	36	73	94	167	123	180	71	25	97	83	122	79	
40	84	251	44	84	94	167	146	180	85	45	97	83	122	94	
50	97	251	51	84	94	167	157	180	89	45	97	83	122	95	
63	124	273	64	106	94	167	183	180	101	45	97	83	122	107	
 75	166	346	85	156	94	190	233	180	136	70	98	83	122	144	
 90	200	358	105	168	94	190	254	180	141	70	98	83	122	151	
 110	238	365	123	175	94	190	301	180	164	120	98	83	122	174	





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Ball valve type 130 PVC-C 100-230V With manual emergency override With solvent cement spigots metric

Model:

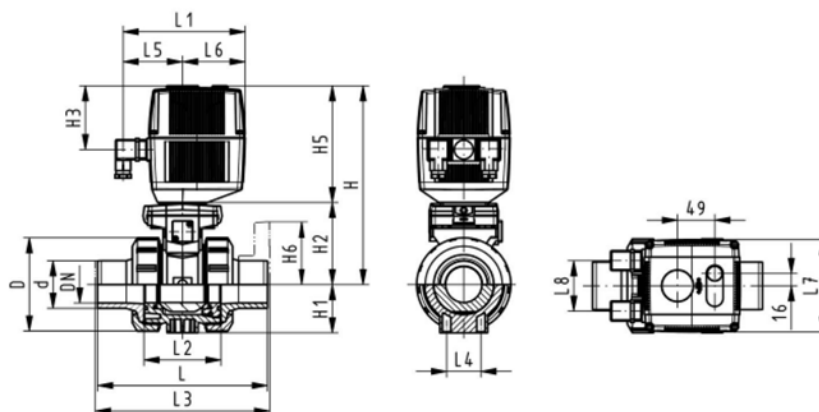
- Assignment of actuators EA21 (DN10/15-50), EA31 (DN65-100 if available)
- Image and drawing DN65-100 please see **New product ball valve DN65-100**
- For easy installation and removal
- Integrated stainless steel mounting inserts
- Voltage 100-230 V, 50-60 Hz
- Control range 90°<
- Control time: EA21: 5s/90°<, EA31: 15s/90°<

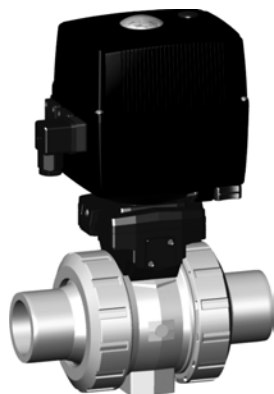
Option:

- Individual configuration of the valve (see form)

d [mm]	DN [mm]	PN	kv-value ($\Delta p=1$ bar) [l/min]	EPDM Code	FPM Code	kg	
16	10	10	70	199 130 422	199 130 432	2.100	
20	15	10	185	199 130 423	199 130 433	2.100	
25	20	10	350	199 130 424	199 130 434	2.200	
32	25	10	700	199 130 425	199 130 435	2.300	
40	32	10	1000	199 130 426	199 130 436	2.600	
50	40	10	1600	199 130 427	199 130 437	3.000	
63	50	10	3100	199 130 428	199 130 438	3.800	
 75	65	10	5000	199 130 429	199 130 439	4.200	
 90	80	10	7000	199 130 430	199 130 440	5.300	
 110	100	10	11000	199 130 431	199 130 441	6.900	

d [mm]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	H5 [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	L7 [mm]	
16	50	231	27	64	94	167	114	180	56	130	25	97	83	122	
20	50	231	27	64	94	167	124	180	56	130	25	97	83	122	
25	58	240	30	73	94	167	144	180	65	150	25	97	83	122	
32	68	240	36	73	94	167	154	180	71	160	25	97	83	122	
40	84	251	44	84	94	167	174	180	85	180	45	97	83	122	
50	97	251	51	84	94	167	194	180	89	200	45	97	83	122	
63	124	273	64	106	94	167	224	180	101	230	45	97	83	122	
 75	166	346	85	156	94	190	284	180	136	290	70	98	83	122	
 90	200	358	105	168	94	190	300	180	141	310	70	98	83	122	
 110	238	365	123	175	94	190	340	180	164	350	120	98	83	122	





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Ball valve type 130 PVC-C 24V

With manual emergency override

With solvent cement spigots metric

Model:

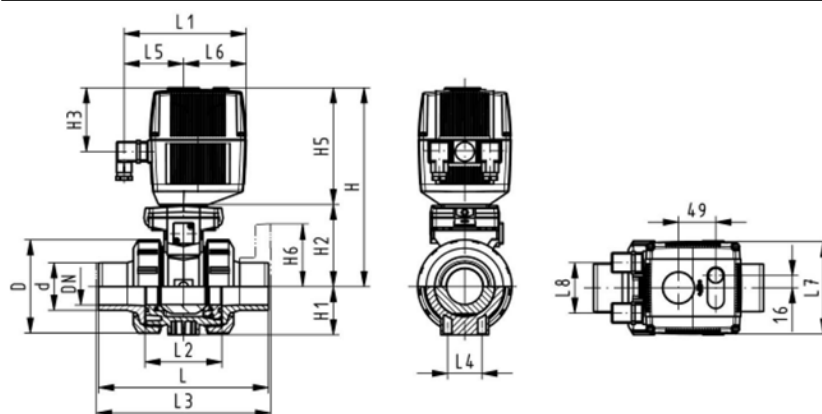
- Assignment of actuators EA21 (DN10/15-50), EA31 (DN65-100 if available)
- Image and drawing DN65-100 please see **New product ball valve DN65-100**
- For easy installation and removal
- Integrated stainless steel mounting inserts
- Voltage 24 V AC/DC
- Control range 90°<
- Control time: EA21: 5s/90°<, EA31: 15s/90°<

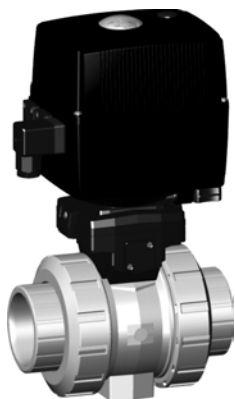
Option:

- Individual configuration of the valve (see form)

d [mm]	DN [mm]	PN	kv-value ($\Delta p=1$ bar) [l/min]	EPDM Code	FPM Code	kg	
16	10	10	70	199 130 462	199 130 472	2.100	
20	15	10	185	199 130 463	199 130 473	2.100	
25	20	10	350	199 130 464	199 130 474	2.200	
32	25	10	700	199 130 465	199 130 475	2.300	
40	32	10	1000	199 130 466	199 130 476	2.600	
50	40	10	1600	199 130 467	199 130 477	3.000	
63	50	10	3100	199 130 468	199 130 478	3.800	
 75	65	10	5000	199 130 469	199 130 479	4.200	
 90	80	10	7000	199 130 470	199 130 480	5.300	
 110	100	10	11000	199 130 471	199 130 481	6.900	

d [mm]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	H5 [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	L7 [mm]	
16	50	231	27	64	94	167	114	180	56	0	25	97	83	122	
20	50	231	27	64	94	167	124	180	56	130	25	97	83	122	
25	58	240	30	73	94	167	144	180	65	150	25	97	83	122	
32	68	240	36	73	94	167	154	180	71	160	25	97	83	122	
40	84	251	44	84	94	167	174	180	85	180	45	97	83	122	
50	97	251	51	84	94	167	194	180	89	200	45	97	83	122	
63	124	273	64	106	94	167	224	180	101	230	45	97	83	122	
 75	166	346	85	156	94	190	284	180	136	290	70	98	83	122	
 90	200	358	105	168	94	190	300	180	141	310	70	98	83	122	
 110	238	365	123	175	94	190	340	180	164	350	120	98	83	122	





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Ball valve type 130 PVC-C 100-230V

With manual emergency override

With threaded sockets Rp

Model:

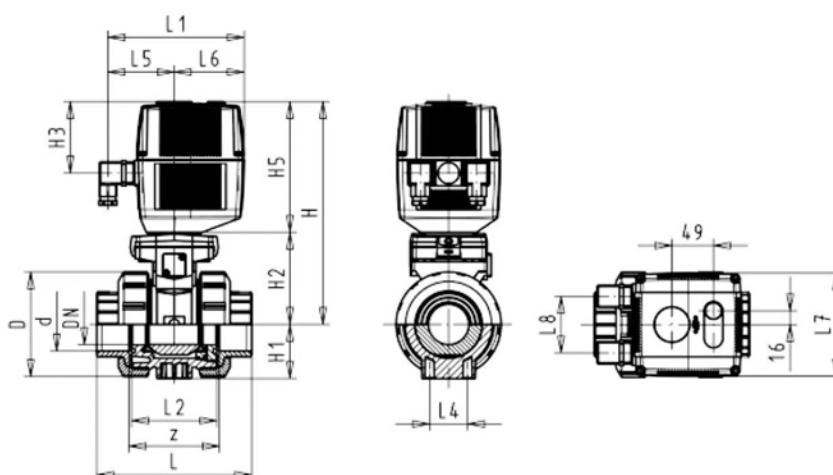
- Assignment of actuators EA21 (DN10/15-50), EA31 (DN65-100 if available)
- Image and drawing DN65-100 please see **New product ball valve DN65-100**
- For easy installation and removal
- Integrated stainless steel mounting inserts
- Voltage 100-230 V, 50-60 Hz
- Control range 90°<
- Control time: EA21: 5s/90°<, EA31: 15s/90°<

Option:

- Individual configuration of the valve (see form)

Rp [inch]	DN [mm]	PN	kv-value (Δp=1 bar) [l/min]	EPDM Code	FPM Code	kg	
3/8	10	10	70	199 130 182	199 130 192	2.100	
1/2	15	10	185	199 130 183	199 130 193	2.100	
3/4	20	10	350	199 130 184	199 130 194	2.200	
1	25	10	700	199 130 185	199 130 195	2.300	
1 1/4	32	10	1000	199 130 186	199 130 196	2.600	
1 1/2	40	10	1600	199 130 187	199 130 197	3.000	
2	50	10	3100	199 130 188	199 130 198	3.800	
 2 1/2	65	10	5000	199 130 189	199 130 199	4.100	
 3	80	10	7000	199 130 190	199 130 200	5.200	
 4	100	10	11000	199 130 191	199 130 201	6.800	

Rp [inch]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	H5 [mm]	L [mm]	L1 [mm]	L2 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	L7 [mm]	z [mm]
3/8	50	231	27	64	94	167	92	180	56	25	97	83	122	64
1/2	50	231	27	64	94	167	95	180	56	25	97	83	122	64
3/4	58	240	30	73	94	167	110	180	65	25	97	83	122	72
1	68	240	36	73	94	167	123	180	71	25	97	83	122	79
1 1/4	84	251	44	84	94	167	146	180	85	45	97	83	122	94
1 1/2	97	251	51	84	94	167	157	180	89	45	97	83	122	95
2	124	273	64	106	94	167	183	180	101	45	97	83	122	107
 2 1/2	166	346	85	156	94	190	233	180	136	70	98	83	122	144
 3	200	358	105	168	94	190	254	180	141	70	98	83	122	151
 4	238	365	123	175	94	190	301	180	164	120	98	83	122	174





DN10/15 - 50

Ball valve type 130 PVC-C 24V With manual emergency override With threaded sockets Rp

Model:

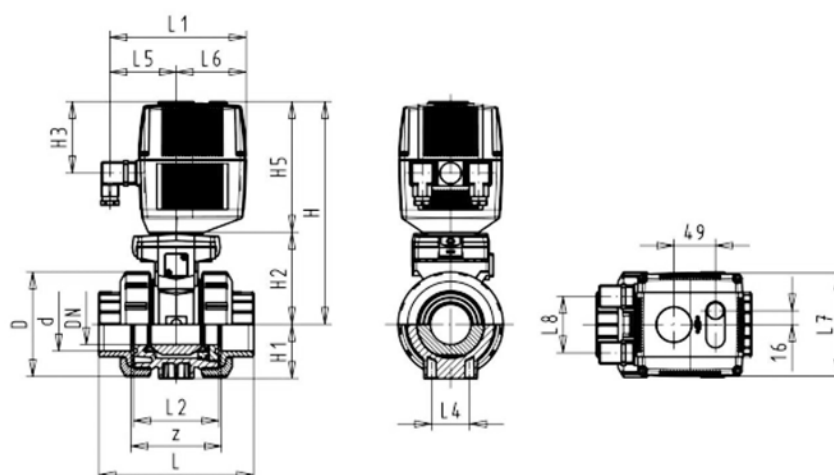
- Assignment of actuators EA21 (DN10/15-50), EA31 (DN65-100 if available)
- Image and drawing DN65-100 please see **New product ball valve DN65-100**
- For easy installation and removal
- Integrated stainless steel mounting inserts
- Voltage 24 V AC/DC
- Control range 90°<
- Control time: EA21: 5s/90°<, EA31: 15s/90°<

Option:

- Individual configuration of the valve (see form)

Rp [inch]	DN [mm]	PN	kv-value (Δp=1 bar) [l/min]	EPDM Code	FPM Code	kg	
3/8	10	10	70	199 130 202	199 130 212	2.100	
1/2	15	10	185	199 130 203	199 130 213	2.100	
3/4	20	10	350	199 130 204	199 130 214	2.200	
1	25	10	700	199 130 205	199 130 215	2.300	
1 1/4	32	10	1000	199 130 206	199 130 216	2.600	
1 1/2	40	10	1600	199 130 207	199 130 217	3.000	
2	50	10	3100	199 130 208	199 130 218	3.800	
 2 1/2	65	10	5000	199 130 209	199 130 219	4.100	
 3	80	10	7000	199 130 210	199 130 220	5.200	
 4	100	10	11000	199 130 211	199 130 221	6.800	

Rp [inch]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	H5 [mm]	L [mm]	L1 [mm]	L2 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	L7 [mm]	z [mm]
3/8	50	231	27	64	94	167	92	180	56	25	97	83	122	64
1/2	50	231	27	64	94	167	95	180	56	25	97	83	122	64
3/4	58	240	30	73	94	167	110	180	65	25	97	83	122	72
1	68	240	36	73	94	167	123	180	71	25	97	83	122	79
1 1/4	84	251	44	84	94	167	146	180	85	45	97	83	122	94
1 1/2	97	251	51	84	94	167	157	180	89	45	97	83	122	95
2	124	273	64	106	94	167	183	180	101	45	97	83	122	107
 2 1/2	166	346	85	156	94	190	233	180	136	70	98	83	122	144
 3	200	358	105	168	94	190	254	180	141	70	98	83	122	151
 4	238	365	123	175	94	190	301	180	164	120	98	83	122	174





Ball valve type 130 PVC-C 100-230V

With manual emergency override

With backing flanges PP-st metric

Model:

- Assignment of actuators EA21 (DN10/15-50), EA31 (DN65-100 if available)
- Image and drawing DN65-100 please see **New product ball valve DN65-100**
- For easy installation and removal
- Integrated stainless steel mounting inserts
- Voltage 100-230 V, 50-60 Hz
- Control range 90°<
- Control time: EA21: 5s/90°<, EA31: 15s/90°<
- Overall length according to EN 558-1
- Connecting dimensions: ISO 7005, EN 1092, BS 4504, DIN 2501; bolt circle PN 10

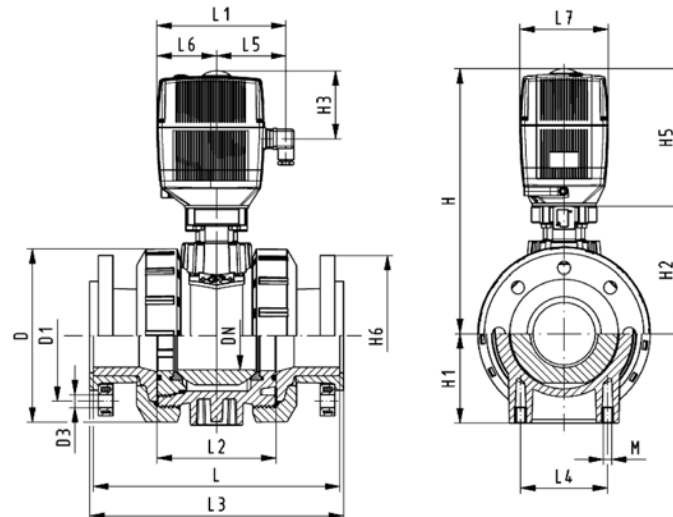
Option:

- Individual configuration of the valve (see form)

d [mm]	DN [mm]	PN	kv-value ($\Delta p=1$ bar) [l/min]	EPDM Code	FPM Code	kg									
 75	65	10	5000	199 134 489	199 134 499	8.200									
 90	80	10	7000	199 134 490	199 134 500	10.100									
 110	100	10	11000	199 134 491	199 134 501	13.400									

d [mm]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	H5 [mm]	H6 [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	
 75	166	346	85	156	94	190	93	284	180	136	290	70	98	83	
 90	200	358	105	168	94	190	100	300	180	141	310	70	98	83	
 110	238	365	123	175	94	190	110	340	180	164	350	120	98	83	

d [mm]	L7 [mm]	L8 [mm]	
 75	122	66	
 90	122	66	
 110	122	66	





Ball valve type 130 PVC-C 24V

With manual emergency override

With backing flanges PP-st metric

Model:

- Assignment of actuators EA21 (DN10/15-50), EA31 (DN65-100 if available)
- Image and drawing DN65-100 please see **New product ball valve DN65-100**
- For easy installation and removal
- Integrated stainless steel mounting inserts
- Voltage 24 V AC/DC
- Control range 90°<
- Control time: EA21: 5s/90°<, EA31: 15s/90°<
- Overall length according to EN 558-1
- Connecting dimensions: ISO 7005, EN 1092, BS 4504, DIN 2501; bolt circle PN 10

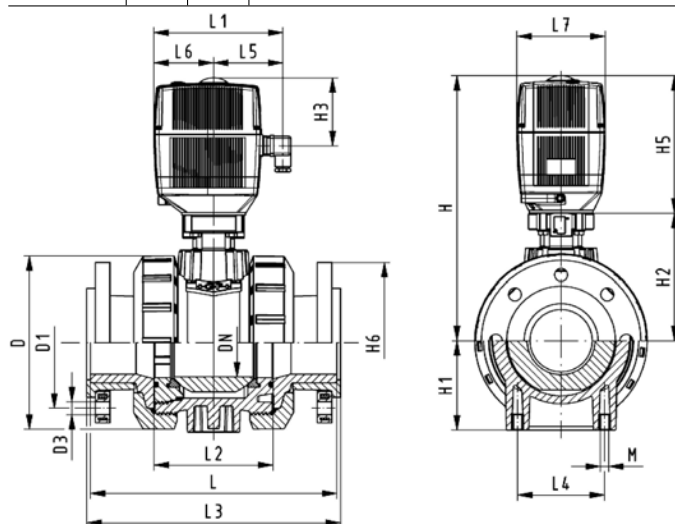
Option:

- Individual configuration of the valve (see form)

d [mm]	DN [mm]	PN	kv-value ($\Delta p=1$ bar) [l/min]	EPDM Code	FPM Code	kg								
 75	65	10	5000	199 134 509	199 134 519	8.200								
 90	80	10	7000	199 134 510	199 134 520	10.100								
 110	100	10	11000	199 134 511	199 134 521	13.400								

d [mm]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	H5 [mm]	H6 [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	
 75	166	346	85	156	94	190	93	284	180	136	290	70	98	83	
 90	200	358	105	168	94	190	100	300	180	141	310	70	98	83	
 110	238	365	123	175	94	190	110	340	180	164	350	120	98	83	

d [mm]	L7 [mm]	L8 [mm]	
 75	122	66	
 90	122	66	
 110	122	66	



Copiable

Configurator GF ball valve type 546 PVC-C

Ball Valve										
A01 Ball Valve 546										
Material										
B02 PVC-C										
Dimension										
C05 DN 10 3/8"										
C06 DN 15 1/2"										
C07 DN 20 3/4"										
C08 DN 25 1"										
C09 DN 32 1 1/4"										
C10 DN 40 1 1/2"										
C11 DN 50 2"										
C12 DN 65 2 1/2"										
C13 DN 80 3"										
C14 DN 100 4"										
Version										
D01 Standard, PTFE ball seal										
D02 oilfree, PTFE ball seal (only with specific connecting parts)										
D03 silicon-free, PTFE ball seal (only with specific connecting parts)										
D04 silicon-free, PVDF ball seal metric (only with specific connecting parts)										
Seals										
E01 EPDM seals										
E02 FPM seals										
Threaded inserts										
F01 without threaded inserts										
F02 with threaded inserts										
Connecting parts										
G11 PVC-C Cement socket metric										
G12 PVC-C Cement socket JIS										
G13 PVC-C Cement socket inch ASTM										
G14 PVC-C Cement spigot metric										
G15 PVC-C Threaded socket Rp										
G16 PVC-C Threaded socket Rp reinforced (DN10-50)										
G17 PVC-C Threaded socket NPT										
G40 PE-100 Butt fusion metric										
G41 PE-100 Butt fusion spigot SDR11 metric										
G42 PE-100 Butt fusion spigot SDR17.6 metric (DN65-100)										
G43 PE-100 Butt fusion spigot long SDR11 metric										
G72 Backing flange PP-steel metric										
G73 Backing flange PP-steel inch ANSI										
G81 PVC-C Valve end blank										
Multi-functional module										
I01 No multi-functional module										
I02 Empty module										
I03 Module with 2 end switches Ag, Ni										
I04 Module with 2 end switches Au										
I05 Module with 2 inductive switches Namur										
I06 Module with 2 inductive switches PNP										
I07 Module with 2 inductive switches NPN										
Lever										
K01 Standard lever red										
K02 Standard lever black										
K11 Multi-functional lever red										
Mounting plate										
L01 without mounting plate										
L02 with mounting plate										
A01	B02	C	D	E	F	G	G	I	K	L
left						right				

You will find a large selection of different versions in our range of products. New system elements also provide you with new opportunities for use. In order for us to supply exactly the ball valve you need for you application, we have created a selection menu for you.

We supply what you put together.

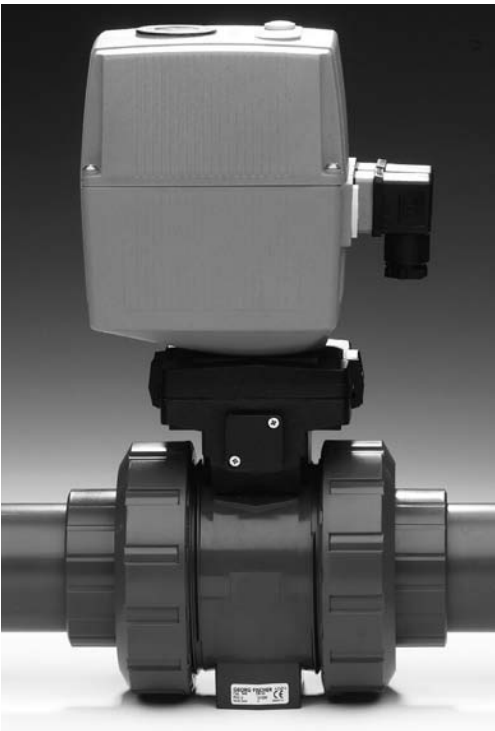
Copiable

GF ball valve type 546 with electric Actuator

It's easy to actuate the type 546:

With the configurator, you have a choice of new electric actuators, the EA11 for standard applications and the EA21 with modular design and accessories, for practically and type of operation.

We supply what you put together.



Electric Actuator EA11

- T01 EA11 24 V
- T02 EA11 100-230 V

Accessories EA11

- U01 No accessories
- U02 2 limit switches Ag, Ni
- U03 Heating element
- U04 Fail-safe return
- U05 2 limit switches Ag, Ni normally open

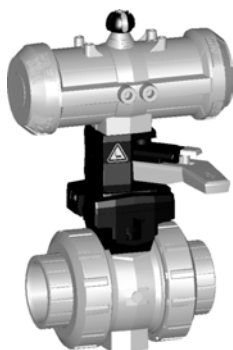
Electric Actuator EA21/31

- T03 EA21/31 24 V
- T04 EA21/31 100-230 V

Accessories EA21

- W01 No accessories
- W02 Heating element
- W03 Cycle time module
- W04 Cycle time monitoring
- W05 Cycles monitoring
- W06 Motor current monitoring
- W07 2 limit switches Ag, Ni
- W08 2 limit switches Gold
- W09 2 limit switches NPN
- W10 2 limit switches PNP
- W11 Positioner
- W12 Electric position indicator
- W14 Fail-safe return unit
- W15 Switch intermediate position
- W27 2 limit switches Ag, Ni normally open with connector
- W31 Positioner PE25 with galv. separation

T	U	T	W	W	W	W	W	W



DN10/15 - 50

Ball valves pneumatic

Ball valve type 230 PVC-C FC (fail safe to close)

With manual override

With solvent cement sockets metric

Model:

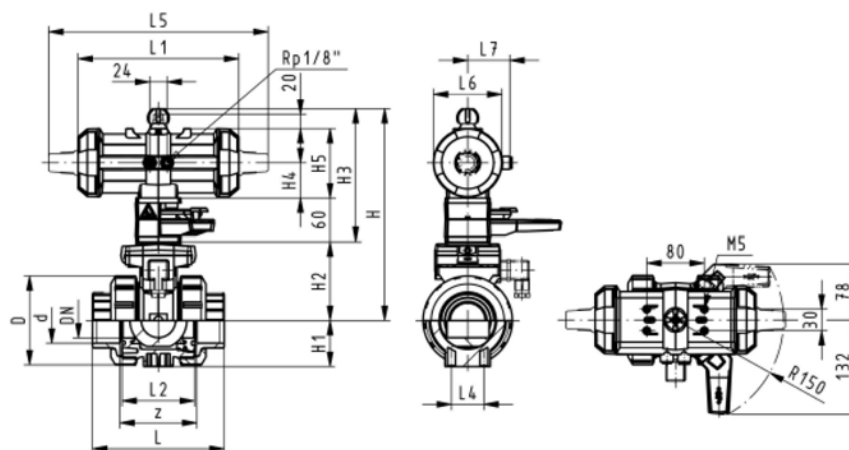
- Built on with pneumatic actuator PA11/21
- Control time 90°<) 1-2 s
- For easy installation and removal
- Integrated stainless steel mounting inserts

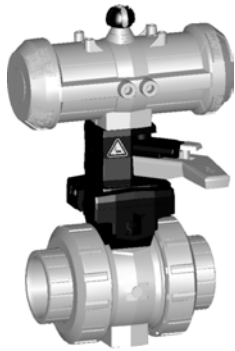
Option:

- Individual configuration of the valve (see form)

d [mm]	DN [mm]	PN	kv-value ($\Delta p=1$ bar) [l/min]	EPDM Code	FPM Code	kg
16	10	10	70	199 230 402	199 230 412	1.459
20	15	10	185	199 230 403	199 230 413	1.459
25	20	10	350	199 230 404	199 230 414	1.576
32	25	10	700	199 230 405	199 230 415	1.700
40	32	10	1000	199 230 406	199 230 416	2.751
50	40	10	1600	199 230 407	199 230 417	3.073
63	50	10	3100	199 230 408	199 230 418	3.931

d [mm]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	H4 [mm]	H5 [mm]	L [mm]	L1 [mm]	L2 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	L7 [mm]	z [mm]
16	50	230	27	62	168	40	97	92	194	56	25	261	76	48	64
20	50	230	27	62	168	40	97	95	194	56	25	261	76	48	64
25	58	239	30	71	168	40	97	110	194	65	25	261	76	48	72
32	68	239	36	71	168	40	97	123	194	71	25	261	76	48	79
40	84	271	44	84	187	51	115	146	224	85	45	305	95	59	94
50	97	271	51	84	187	51	115	157	224	89	45	305	95	59	95
63	124	293	64	106	187	51	115	183	224	101	45	305	95	59	107





DN10/15 - 50

Ball valve type 230 PVC-C FO (Fail safe to open) With manual override With solvent cement sockets metric

Model:

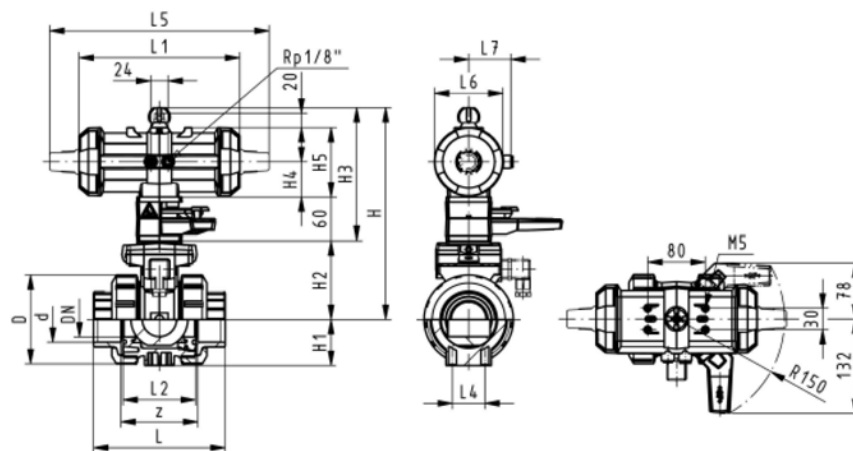
- Built on with pneumatic actuator PA11/21
- Control time 90°<) 1-2 s
- For easy installation and removal
- Integrated stainless steel mounting inserts

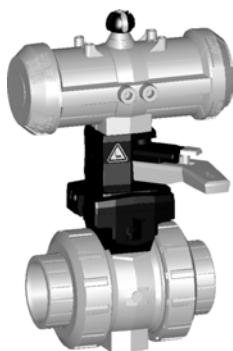
Option:

- Individual configuration of the valve (see form)

d [mm]	DN [mm]	PN	kv-value ($\Delta p=1$ bar) [l/min]	EPDM Code	FPM Code	kg	
16	10	10	70	199 230 442	199 230 452	1.149	
20	15	10	185	199 230 443	199 230 453	1.459	
25	20	10	350	199 230 444	199 230 454	1.576	
32	25	10	700	199 230 445	199 230 455	1.700	
40	32	10	1000	199 230 446	199 230 456	2.751	
50	40	10	1600	199 230 447	199 230 457	3.073	
63	50	10	3100	199 230 448	199 230 458	3.931	

d [mm]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	H4 [mm]	H5 [mm]	L [mm]	L1 [mm]	L2 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	L7 [mm]	z [mm]
16	50	230	27	62	168	40	97	92	194	56	25	261	76	48	64
20	50	230	27	62	168	40	97	95	194	56	25	261	76	48	64
25	58	239	30	71	168	40	97	110	194	65	25	261	76	48	72
32	68	239	36	71	168	40	97	123	194	71	25	261	76	48	79
40	84	271	44	84	187	51	115	146	224	85	45	305	95	59	94
50	97	271	51	84	187	51	115	157	224	89	45	305	95	59	95
63	124	293	64	106	187	51	115	183	224	101	45	305	95	59	107





DN10/15 - 50

Ball valve type 230 PVC-C DA (Double acting) With manual override With solvent cement sockets metric

Model:

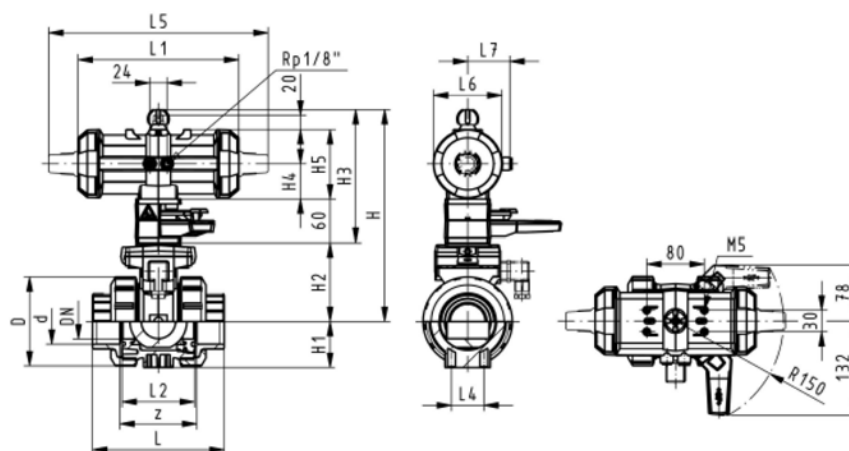
- Built on with pneumatic actuator PA11/21
- Control time 90°<) 1-2 s
- For easy installation and removal
- Integrated stainless steel mounting inserts

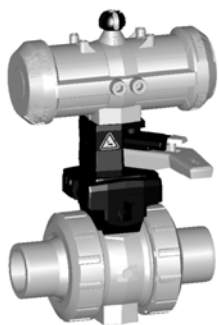
Option:

- Individual configuration of the valve (see form)

d [mm]	DN [mm]	PN	kv-value ($\Delta p=1$ bar) [l/min]	EPDM Code	FPM Code	kg
16	10	10	70	199 230 482	199 230 492	1.459
20	15	10	185	199 230 483	199 230 493	1.459
25	20	10	350	199 230 484	199 230 494	1.576
32	25	10	700	199 230 485	199 230 495	1.700
40	32	10	1000	199 230 486	199 230 496	2.751
50	40	10	1600	199 230 487	199 230 497	3.073
63	50	10	3100	199 230 488	199 230 498	3.931

d [mm]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	H4 [mm]	H5 [mm]	L [mm]	L1 [mm]	L2 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	L7 [mm]	z [mm]
16	50	230	27	62	168	40	97	92	194	56	25	261	76	48	64
20	50	230	27	62	168	40	97	95	194	56	25	261	76	48	64
25	58	239	30	71	168	40	97	110	194	65	25	261	76	48	72
32	68	239	36	71	168	40	97	123	194	71	25	261	76	48	79
40	84	271	44	84	187	51	115	146	224	85	45	305	95	59	94
50	97	271	51	84	187	51	115	157	224	89	45	305	95	59	95
63	124	293	64	106	187	51	115	183	224	101	45	305	95	59	107





DN10/15 - 50

Ball valve type 230 PVC-C FC (fail safe to close) With manual override With solvent cement spigots metric

Model:

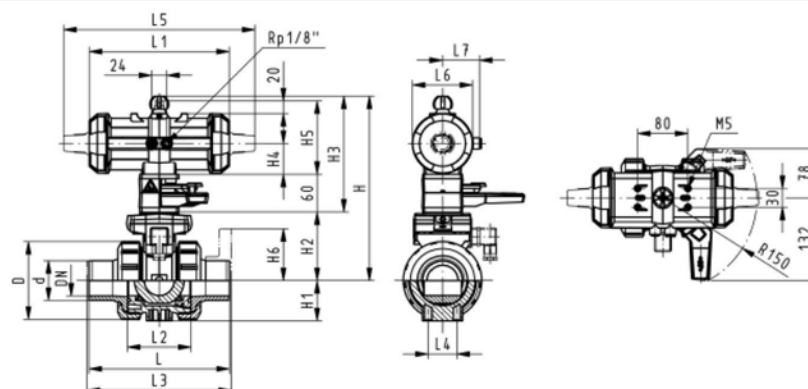
- Built on with pneumatic actuator PA11/21
- Control time 90°<) 1-2 s
- For easy installation and removal
- Integrated stainless steel mounting inserts

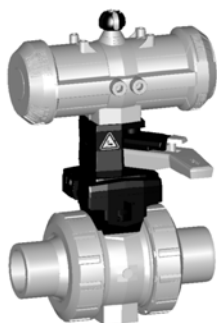
Option:

- Individual configuration of the valve (see form)

d [mm]	DN [mm]	PN	kv-value ($\Delta p=1$ bar) [l/min]	EPDM Code	FPM Code	kg
16	10	10	70	199 230 422	199 230 432	1.459
20	15	10	185	199 230 423	199 230 433	1.459
25	20	10	350	199 230 424	199 230 434	1.576
32	25	10	700	199 230 425	199 230 435	1.700
40	32	10	1000	199 230 426	199 230 436	2.751
50	40	10	1600	199 230 427	199 230 437	3.073
63	50	10	3100	199 230 428	199 230 438	3.931

d [mm]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	H4 [mm]	H5 [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	L7 [mm]
16	50	230	27	62	168	40	97	114	194	56	130	25	261	76	48
20	50	230	27	62	168	40	97	124	194	56	130	25	261	76	48
25	58	239	30	71	168	40	97	144	194	65	150	25	261	76	48
32	68	239	36	71	168	40	97	154	194	71	160	25	261	76	48
40	84	271	44	84	187	51	115	174	224	85	180	45	305	95	59
50	97	271	51	84	187	51	115	194	224	89	200	45	305	95	59
63	124	293	64	106	187	51	115	224	224	101	230	45	305	95	59





DN10/15 - 50

Ball valve type 230 PVC-C FO (Fail safe to open) With manual override With solvent cement spigots metric

Model:

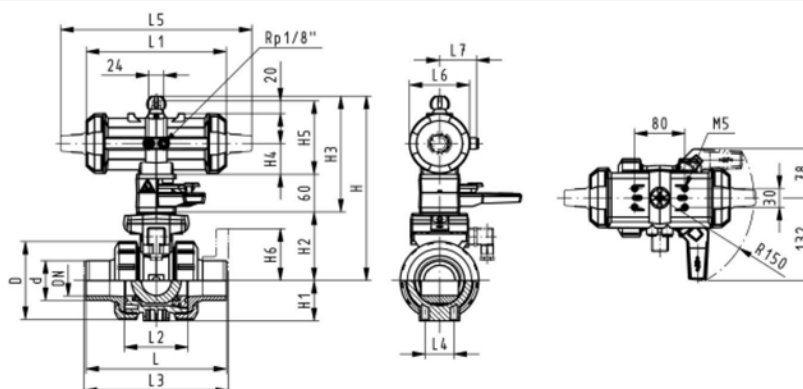
- Built on with pneumatic actuator PA11/21
- Control time 90°<) 1-2 s
- For easy installation and removal
- Integrated stainless steel mounting inserts

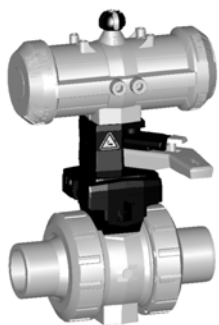
Option:

- Individual configuration of the valve (see form)

d [mm]	DN [mm]	PN	kv-value ($\Delta p=1$ bar) [l/min]	EPDM Code	FPM Code	kg
16	10	10	70	199 230 462	199 230 472	1.459
20	15	10	185	199 230 463	199 230 473	1.459
25	20	10	350	199 230 464	199 230 474	1.576
32	25	10	700	199 230 465	199 230 475	1.700
40	32	10	1000	199 230 466	199 230 476	2.751
50	40	10	1600	199 230 467	199 230 477	3.073
63	50	10	3100	199 230 468	199 230 478	3.931

d [mm]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	H4 [mm]	H5 [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	L7 [mm]
16	50	230	27	62	168	40	97	114	194	56	130	25	261	76	48
20	50	230	27	62	168	40	97	124	194	56	130	25	261	76	48
25	58	239	30	71	168	40	97	144	194	65	150	25	261	76	48
32	68	239	36	71	168	40	97	154	194	71	160	25	261	76	48
40	84	271	44	84	187	51	115	174	224	85	180	45	305	95	59
50	97	271	51	84	187	51	115	194	224	89	200	45	305	95	59
63	124	293	64	106	187	51	115	224	224	101	230	45	305	95	59





DN10/15 - 50

Ball valve type 230 PVC-C DA (Double acting) With manual override With solvent cement spigots metric

Model:

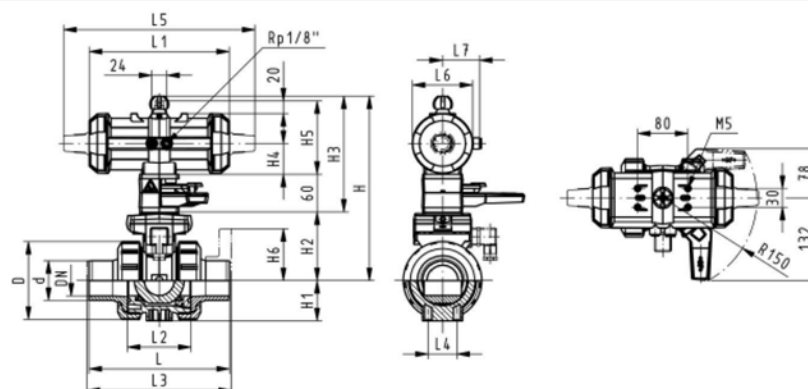
- Built on with pneumatic actuator PA11/21
- Control time 90°<) 1-2 s
- For easy installation and removal
- Integrated stainless steel mounting inserts

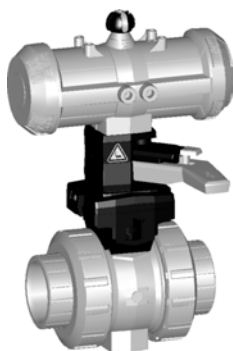
Option:

- Individual configuration of the valve (see form)

d [mm]	DN [mm]	PN	kv-value ($\Delta p=1$ bar) [l/min]	EPDM Code	FPM Code	kg	
16	10	10	70	199 230 502	199 230 512	1.459	
20	15	10	185	199 230 503	199 230 513	1.459	
25	20	10	350	199 230 504	199 230 514	1.576	
32	25	10	700	199 230 505	199 230 515	1.700	
40	32	10	1000	199 230 506	199 230 516	2.751	
50	40	10	1600	199 230 507	199 230 517	3.073	
63	50	10	3100	199 230 508	199 230 518	3.931	

d [mm]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	H4 [mm]	H5 [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	L7 [mm]
16	50	230	27	62	168	40	97	114	194	56	130	25	261	76	48
20	50	230	27	62	168	40	97	124	194	56	130	25	261	76	48
25	58	239	30	71	168	40	97	144	194	65	150	25	261	76	48
32	68	239	36	71	168	40	97	154	194	71	160	25	261	76	48
40	84	271	44	84	187	51	115	174	224	85	180	45	305	95	59
50	97	271	51	84	187	51	115	194	224	89	200	45	305	95	59
63	124	293	64	106	187	51	115	224	224	101	230	45	305	95	59





DN10/15 - 50

Ball valve type 230 PVC-C FC (fail safe to close) With manual override With threaded sockets Rp

Model:

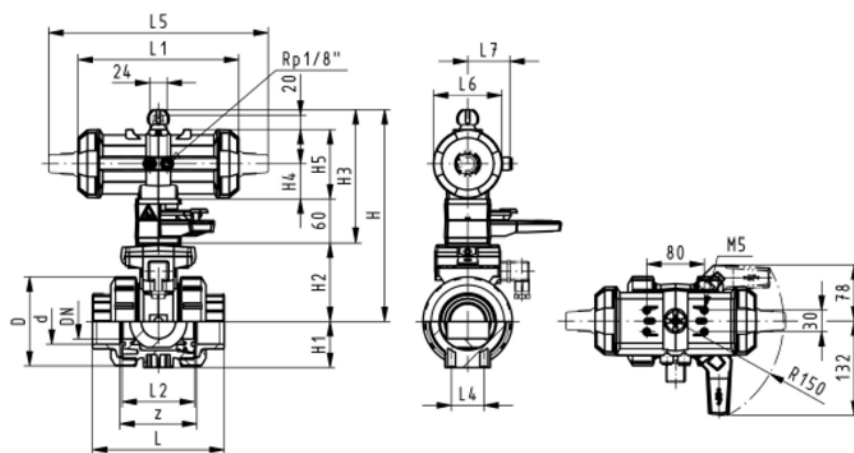
- Built on with pneumatic actuator PA11/21
- Control time 90°<) 1-2 s
- For easy installation and removal
- Integrated stainless steel mounting inserts

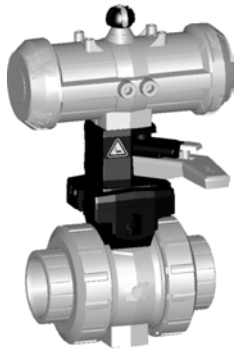
Option:

- Individual configuration of the valve (see form)

Rp [inch]	DN [mm]	PN	kv-value ($\Delta p=1$ bar) [l/min]	EPDM Code	FPM Code	kg										
3/8	10	10	70	199 230 752	199 230 772	1.500										
1/2	15	10	185	199 230 753	199 230 773	1.500										
3/4	20	10	350	199 230 754	199 230 774	1.600										
1	25	10	700	199 230 755	199 230 775	1.700										
1 1/4	32	10	1000	199 230 756	199 230 776	2.800										
1 1/2	40	10	1600	199 230 757	199 230 777	3.100										
2	50	10	3100	199 230 758	199 230 778	4.000										

Rp [inch]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	H4 [mm]	H5 [mm]	L [mm]	L1 [mm]	L2 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	L7 [mm]	z [mm]
3/8	50	230	27	62	168	40	97	92	194	56	25	261	76	48	64
1/2	50	230	27	62	168	40	97	95	194	56	25	261	76	48	64
3/4	58	239	30	71	168	40	97	110	194	65	25	261	76	48	72
1	68	239	36	71	168	40	97	123	194	71	25	261	76	48	79
1 1/4	84	271	44	84	187	51	115	146	224	85	45	305	95	59	94
1 1/2	97	271	51	84	187	51	115	157	224	89	45	305	95	59	95
2	124	293	64	106	187	51	115	183	224	101	45	305	95	59	107





DN10/15 - 50

Ball valve type 230 PVC-C FO (Fail safe to open) With manual override With threaded sockets Rp

Model:

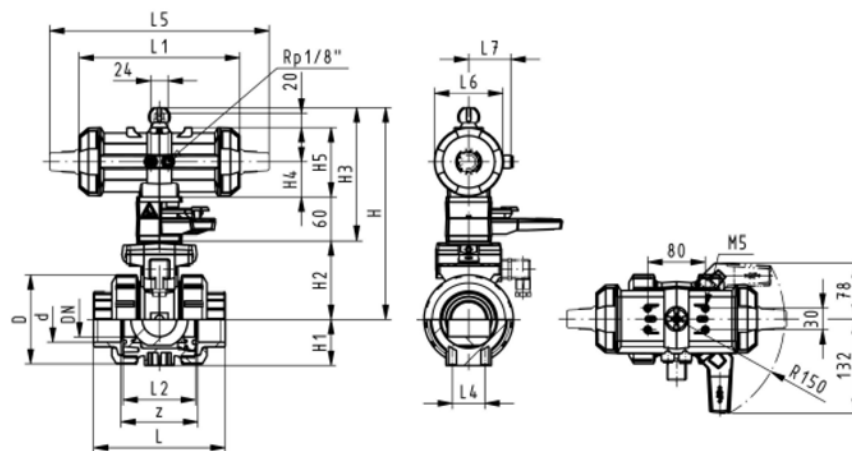
- Built on with pneumatic actuator PA11/21
- Control time 90°<) 1-2 s
- For easy installation and removal
- Integrated stainless steel mounting inserts

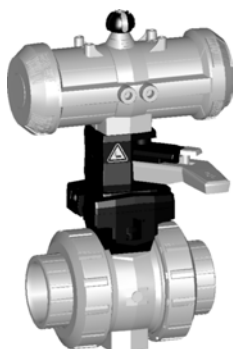
Option:

- Individual configuration of the valve (see form)

Rp [inch]	DN [mm]	PN	kv-value ($\Delta p=1$ bar) [l/min]	EPDM Code	FPM Code	kg										
3/8	10	10	70	199 230 792	199 230 812	1.500										
1/2	15	10	185	199 230 793	199 230 813	1.500										
3/4	20	10	350	199 230 794	199 230 814	1.600										
1	25	10	700	199 230 795	199 230 815	1.700										
1 1/4	32	10	1000	199 230 796	199 230 816	2.800										
1 1/2	40	10	1600	199 230 797	199 230 817	3.100										
2	50	10	3100	199 230 798	199 230 818	4.000										

Rp [inch]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	H4 [mm]	H5 [mm]	L [mm]	L1 [mm]	L2 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	L7 [mm]	z [mm]
3/8	50	230	27	62	168	40	97	92	194	56	25	261	76	48	64
1/2	50	230	27	62	168	40	97	95	194	56	25	261	76	48	64
3/4	58	239	30	71	168	40	97	110	194	65	25	261	76	48	72
1	68	239	36	71	168	40	97	123	194	71	25	261	76	48	79
1 1/4	84	271	44	84	187	51	115	146	224	85	45	305	95	59	94
1 1/2	97	271	51	84	187	51	115	157	224	89	45	305	95	59	95
2	124	293	64	106	187	51	115	183	224	101	45	305	95	59	107





DN10/15 - 50

Ball valve type 230 PVC-C DA (Double acting) With manual override With threaded sockets Rp

Model:

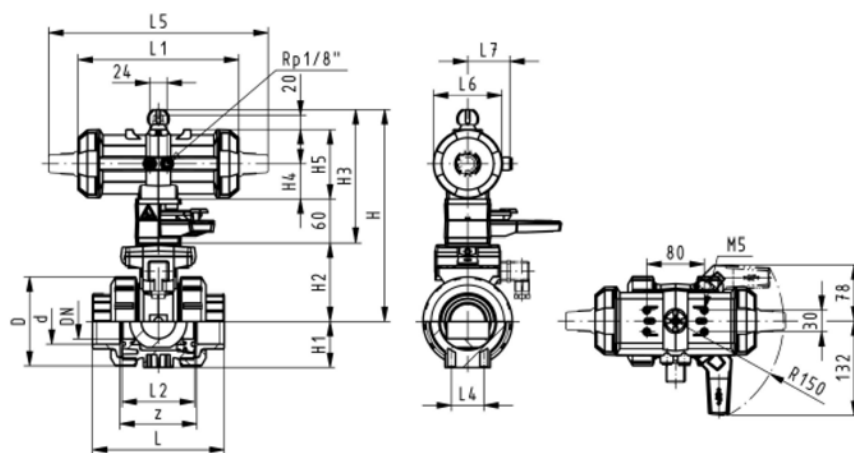
- Built on with pneumatic actuator PA11/21
- Control time 90°<) 1-2 s
- For easy installation and removal
- Integrated stainless steel mounting inserts

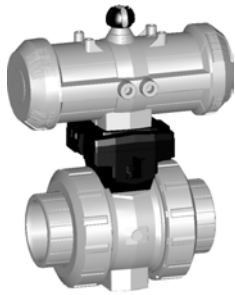
Option:

- Individual configuration of the valve (see form)

Rp [inch]	DN [mm]	PN	kv-value ($\Delta p=1$ bar) [l/min]	EPDM Code	FPM Code	kg										
3/8	10	10	70	199 230 832	199 230 852	1.500										
1/2	15	10	185	199 230 833	199 230 853	1.500										
3/4	20	10	350	199 230 834	199 230 854	1.600										
1	25	10	700	199 230 835	199 230 855	1.700										
1 1/4	32	10	1000	199 230 836	199 230 856	2.800										
1 1/2	40	10	1600	199 230 837	199 230 857	3.100										
2	50	10	3100	199 230 838	199 230 858	4.000										

Rp [inch]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	H4 [mm]	H5 [mm]	L [mm]	L1 [mm]	L2 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	L7 [mm]	z [mm]
3/8	50	230	27	62	168	40	97	92	194	56	25	261	76	48	64
1/2	50	230	27	62	168	40	97	95	194	56	25	261	76	48	64
3/4	58	239	30	71	168	40	97	110	194	65	25	261	76	48	72
1	68	239	36	71	168	40	97	123	194	71	25	261	76	48	79
1 1/4	84	271	44	84	187	51	115	146	224	85	45	305	95	59	94
1 1/2	97	271	51	84	187	51	115	157	224	89	45	305	95	59	95
2	124	293	64	106	187	51	115	183	224	101	45	305	95	59	107





DN10/15 - 50

Ball valve type 230 PVC-C FC (Fail safe to close) Without manual override With solvent cement sockets metric

Model:

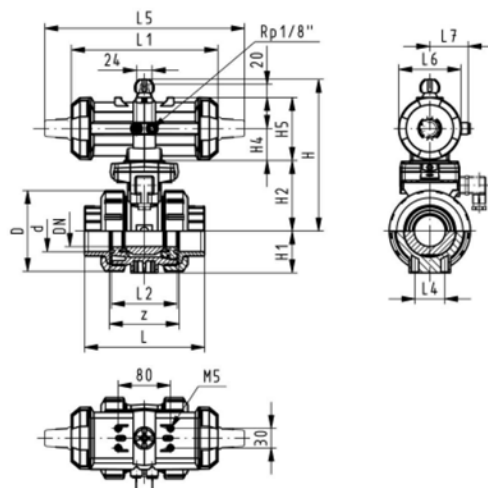
- Assignment of actuators PA11 (DN10/15-25), PA21 (DN32-50), PA30 (DN65), PA35 (DN80), PA40 (DN100)
- Image and drawing DN65-100 please see **New product ball valve DN65-100**
- For easy installation and removal
- Integrated stainless steel mounting inserts
- Control time $90^\circ <$ 1-2 s

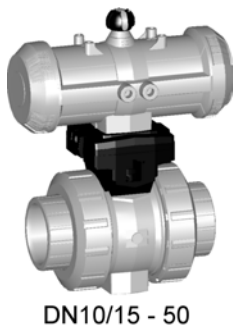
Option:

- Individual configuration of the valve (see form)

d [mm]	DN [mm]	PN	kv-value ($\Delta p=1$ bar) [l/min]	EPDM Code	FPM Code	kg	
16	10	10	70	199 230 522	199 230 532	1.159	
20	15	10	185	199 230 523	199 230 533	1.159	
25	20	10	350	199 230 524	199 230 534	1.276	
32	25	10	700	199 230 525	199 230 535	1.400	
40	32	10	1000	199 230 526	199 230 536	2.451	
50	40	10	1600	199 230 527	199 230 537	2.773	
63	50	10	3100	199 230 528	199 230 538	3.631	
75	65	10	5000	199 230 529	199 230 539	4.400	
90	80	10	7000	199 230 530	199 230 540	5.500	
110	100	10	11000	199 230 531	199 230 541	8.100	

d [mm]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	H4 [mm]	H5 [mm]	L [mm]	L1 [mm]	L2 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	L7 [mm]	z [mm]
16	50	167	27	62	40	97	92	194	56	25	261	76	48	64
20	50	167	27	62	40	97	95	194	56	25	261	76	48	64
25	58	176	30	71	40	97	110	194	65	25	261	76	48	72
32	68	176	36	71	40	97	123	194	71	25	261	76	48	79
40	84	210	44	84	51	115	146	224	85	45	305	95	59	94
50	97	210	51	84	51	115	157	224	89	45	305	95	59	95
63	124	232	64	106	51	115	183	224	101	45	305	95	59	107
75	166	262	85	156		70	233	218	136	70	276	65		144
90	200	281	105	168		78	254	259	141	70	341	72		151
110	238	292	123	175		86	301	287	164	120	369	80		174





Ball valve type 230 PVC-C FO (Fail safe to open) Without manual override With solvent cement sockets metric

Model:

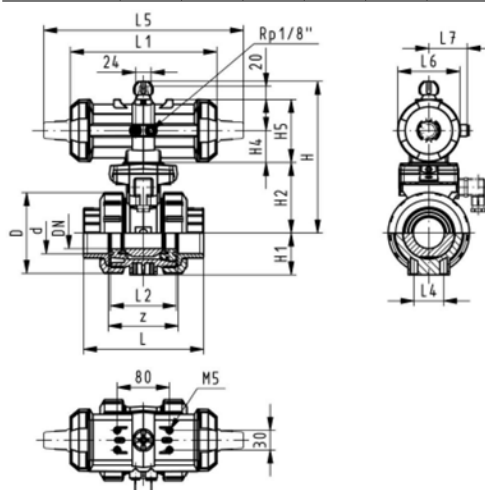
- Assignment of actuators PA11 (DN10/15-25), PA21 (DN32-50), PA30 (DN65), PA35 (DN80), PA40 (DN100)
- Image and drawing DN65-100 please see **New product ball valve DN65-100**
- For easy installation and removal
- Integrated stainless steel mounting inserts
- Control time $90^\circ <$ 1-2 s

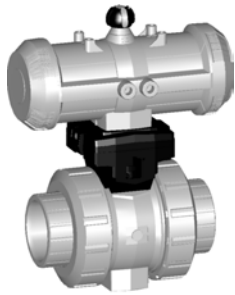
Option:

- Individual configuration of the valve (see form)

d [mm]	DN [mm]	PN	kv-value ($\Delta p=1$ bar) [l/min]	EPDM Code	FPM Code	kg	
16	10	10	70	199 230 562	199 230 572	1.159	
20	15	10	185	199 230 563	199 230 573	1.159	
25	20	10	350	199 230 564	199 230 574	1.276	
32	25	10	700	199 230 565	199 230 575	1.400	
40	32	10	1000	199 230 566	199 230 576	2.451	
50	40	10	1600	199 230 567	199 230 577	2.773	
63	50	10	3100	199 230 568	199 230 578	3.631	
 75	65	10	5000	199 230 569	199 230 579	4.400	
 90	80	10	7000	199 230 570	199 230 580	5.500	
 110	100	10	11000	199 230 571	199 230 581	8.100	

d [mm]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	H4 [mm]	H5 [mm]	L [mm]	L1 [mm]	L2 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	L7 [mm]	z [mm]	
16	50	167	27	62	40	97	92	194	56	25	261	76	48	64	
20	50	167	27	62	40	97	95	194	56	25	261	76	48	64	
25	58	176	30	71	40	97	110	194	65	25	261	76	48	72	
32	68	176	36	71	40	97	123	194	71	25	261	76	48	79	
40	84	210	44	84	51	115	146	224	85	45	305	95	59	94	
50	97	210	51	84	51	115	157	224	89	45	305	95	59	95	
63	124	232	64	106	51	115	183	224	101	45	305	95	59	107	
 75	166	262	85	156		70	233	218	136	70	276	65		144	
 90	200	281	105	168		78	254	259	141	70	341	72		151	
 110	238	292	123	175		86	301	287	164	120	369	80		174	





DN10/15 - 50

Ball valve type 230 PVC-C DA (Double acting) Without manual override With solvent cement sockets metric

Model:

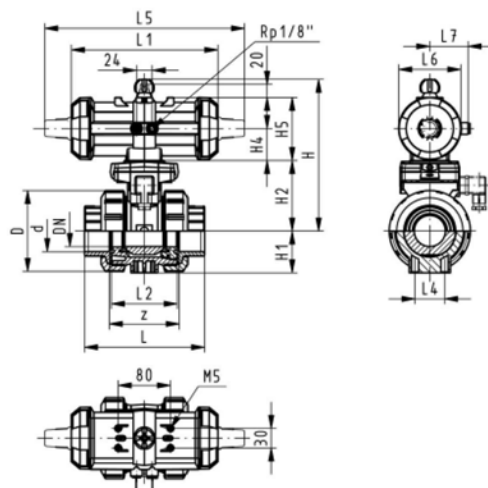
- Assignment of actuators: PA11 (DN10/15-25), PA21 (DN32-50), PA35 (DN65), PA40 (DN80), PA45 (DN100)
- Image and drawing DN65-100 please see **New product ball valve DN65-100**
- For easy installation and removal
- Integrated stainless steel mounting inserts
- Control time 90°<) 1-2 s

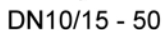
Option:

- Individual configuration of the valve (see form)

d [mm]	DN [mm]	PN	kv-value ($\Delta p=1$ bar) [l/min]	EPDM Code	FPM Code	kg	
16	10	10	70	199 230 602	199 230 612	1.159	
20	15	10	185	199 230 603	199 230 613	1.159	
25	20	10	350	199 230 604	199 230 614	1.276	
32	25	10	700	199 230 605	199 230 615	1.400	
40	32	10	1000	199 230 606	199 230 616	2.451	
50	40	10	1600	199 230 607	199 230 617	2.773	
63	50	10	3100	199 230 608	199 230 618	3.631	
75	65	10	5000	199 230 609	199 230 619	3.300	
90	80	10	7000	199 230 610	199 230 620	4.800	
110	100	10	11000	199 230 611	199 230 621	6.300	

d [mm]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	H4 [mm]	H5 [mm]	L [mm]	L1 [mm]	L2 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	L7 [mm]	z [mm]
16	50	167	27	62	40	97	92	194	56	25	261	76	48	64
20	50	167	27	62	40	97	95	194	56	25	261	76	48	64
25	58	176	30	71	40	97	110	194	65	25	261	76	48	72
32	68	176	36	71	40	97	123	194	71	25	261	76	48	79
40	84	210	44	84	51	115	146	224	85	45	305	95	59	94
50	97	210	51	84	51	115	157	224	89	45	305	95	59	95
63	124	232	64	106	51	115	183	224	101	45	305	95	59	107
75	166	257	85	156		66	233	144	136	70	190	60		144
90	200	274	105	168		70	254	152	141	70	198	65		151
110	238	273	123	175		78	301	169	164	120	235	72		174





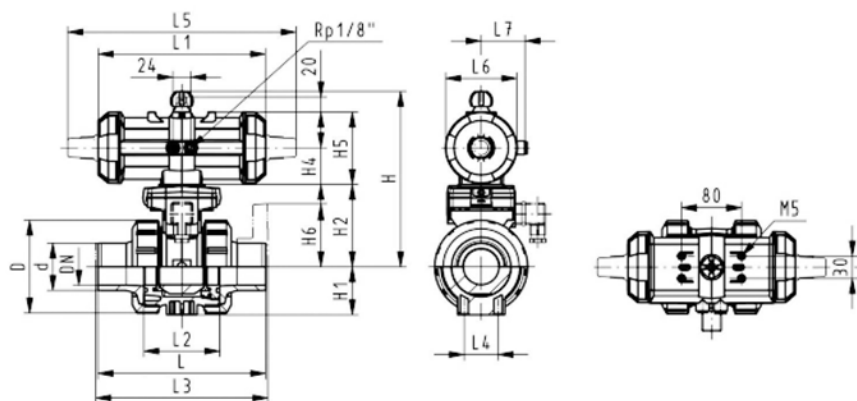
Model:

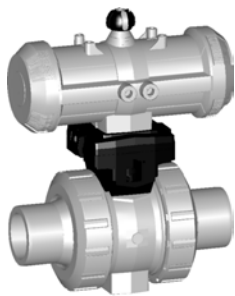
- Assignment of actuators PA11 (DN10/15-25), PA21 (DN32-50), PA30 (DN65), PA35 (DN80), PA40 (DN100)
- Image and drawing DN65-100 please see **New product ball valve DN65-100**
- For easy installation and removal
- Integrated stainless steel mounting inserts
- Control time $90^\circ <$ 1-2 s

- Individual configuration of the valve (see form)

d [mm]	DN [mm]	PN	kv-value ($\Delta p=1$ bar) [l/min]	EPDM Code	FPM Code	kg	
16	10	10	70	199 230 542	199 230 552	1.159	
20	15	10	185	199 230 543	199 230 553	1.159	
25	20	10	350	199 230 544	199 230 554	1.276	
32	25	10	700	199 230 545	199 230 555	1.400	
40	32	10	1000	199 230 546	199 230 556	2.451	
50	40	10	1600	199 230 547	199 230 557	2.773	
63	50	10	3100	199 230 548	199 230 558	3.631	
 75	65	10	5000	199 230 549	199 230 559	4.600	
 90	80	10	7000	199 230 550	199 230 560	5.700	
 110	100	10	11000	199 230 551	199 230 561	8.300	

d	D	H	H1	H2	H4	H5	L	L1	L2	L3	L4	L5	L6	L7	
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	
16	50	167	27	62	40	97	114	194	56	0	25	261	76	48	
20	50	167	27	62	40	97	124	194	56	130	25	261	76	48	
25	58	176	30	71	40	97	144	194	65	150	25	261	76	48	
32	68	176	36	71	40	97	154	194	71	160	25	261	76	48	
40	84	210	44	84	51	115	174	224	85	180	45	305	95	59	
50	97	210	51	84	51	115	194	224	89	200	45	305	95	59	
63	124	232	64	106	51	115	224	224	101	230	45	305	95	59	
 75	166	262	85	156		70	284	218	136	290	70	276	65		
 90	200	281	105	168		78	300	259	141	310	70	341	72		
 110	238	292	123	175		86	340	287	164	350	120	369	80		





DN10/15 - 50

Ball valve type 230 PVC-C FO (Fail safe to open) Without manual override With solvent cement spigots metric

Model:

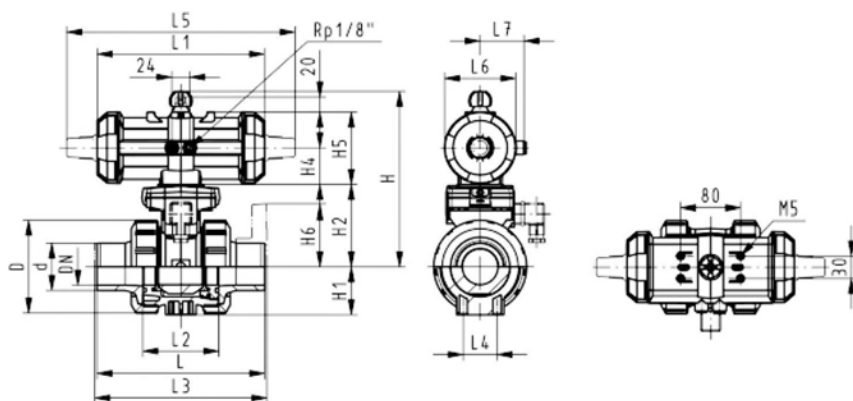
- Assignment of actuators PA11 (DN10/15-25), PA21 (DN32-50), PA30 (DN65), PA35 (DN80), PA40 (DN100)
- Image and drawing DN65-100 please see **New product ball valve DN65-100**
- For easy installation and removal
- Integrated stainless steel mounting inserts
- Control time 90°<) 1-2 s

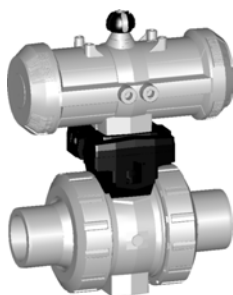
Option:

- Individual configuration of the valve (see form)

d [mm]	DN [mm]	PN	kv-value ($\Delta p=1$ bar) [l/min]	EPDM Code	FPM Code	kg	
16	10	10	70	199 230 582	199 230 592	1.159	
20	15	10	185	199 230 583	199 230 593	1.159	
25	20	10	350	199 230 584	199 230 594	1.276	
32	25	10	700	199 230 585	199 230 595	1.400	
40	32	10	1000	199 230 586	199 230 596	2.451	
50	40	10	1600	199 230 587	199 230 597	2.773	
63	50	10	3100	199 230 588	199 230 598	3.631	
75	65	10	5000	199 230 589	199 230 599	4.600	
90	80	10	7000	199 230 590	199 230 600	5.700	
110	100	10	11000	199 230 591	199 230 601	8.300	

d [mm]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	H4 [mm]	H5 [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	L7 [mm]	
16	50	167	27	62	40	97	114	194	56	130	25	261	76	48	
20	50	167	27	62	40	97	124	194	56	130	25	261	76	48	
25	58	176	30	71	40	97	144	194	65	150	25	261	76	48	
32	68	176	36	71	40	97	154	194	71	160	25	261	76	48	
40	84	210	44	84	51	115	174	224	85	180	45	305	95	59	
50	97	210	51	84	51	115	194	224	89	200	45	305	95	59	
63	124	232	64	106	51	115	224	224	101	230	45	305	95	59	
75	166	262	85	156		70	284	218	136	290	70	276	65		
90	200	281	105	168		78	300	259	141	310	70	341	72		
110	238	292	123	175		86	340	287	164	350	120	369	80		





DN10/15 - 50

Ball valve type 230 PVC-C DA (Double acting) Without manual override With solvent cement spigots metric

Model:

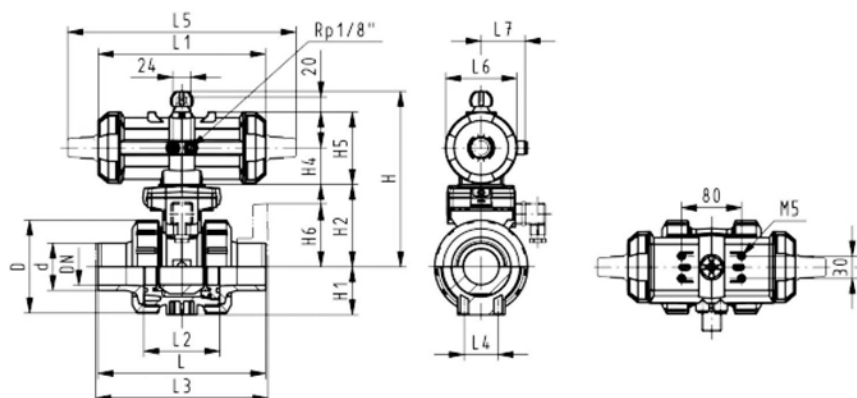
- Assignment of actuators: PA11 (DN10/15-25), PA21 (DN32-50), PA35 (DN65), PA40 (DN80), PA45 (DN100)
- Image and drawing DN65-100 please see **New product ball valve DN65-100**
- For easy installation and removal
- Integrated stainless steel mounting inserts
- Control time 90°<) 1-2 s

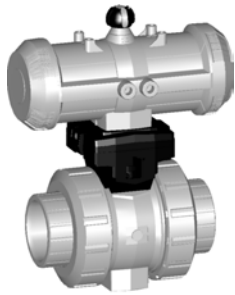
Option:

- Individual configuration of the valve (see form)

d [mm]	DN [mm]	PN	kv-value ($\Delta p=1$ bar) [l/min]	EPDM Code	FPM Code	kg	
16	10	10	70	199 230 622	199 230 632	1.159	
20	15	10	185	199 230 623	199 230 633	1.159	
25	20	10	350	199 230 624	199 230 634	1.276	
32	25	10	700	199 230 625	199 230 635	1.400	
40	32	10	1000	199 230 626	199 230 636	2.451	
50	40	10	1600	199 230 627	199 230 637	2.773	
63	50	10	3100	199 230 628	199 230 638	3.631	
 75	65	10	5000	199 230 629	199 230 639	3.500	
 90	80	10	7000	199 230 630	199 230 640	5.000	
 110	100	10	11000	199 230 631	199 230 641	6.600	

d [mm]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	H4 [mm]	H5 [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	L7 [mm]	
16	50	167	27	62	40	97	114	194	56	130	25	261	76	48	
20	50	167	27	62	40	97	124	194	56	130	25	261	76	48	
25	58	176	30	71	40	97	144	194	65	150	25	261	76	48	
32	68	176	36	71	40	97	154	194	71	160	25	261	76	48	
40	84	210	44	84	51	115	174	224	85	180	45	305	95	59	
50	97	210	51	84	51	115	194	224	89	200	45	305	95	59	
63	124	232	64	106	51	115	224	224	101	230	45	305	95	59	
 75	166	257	85	156		66	284	144	136	290	70	190	60		
 90	200	274	105	168		70	300	152	141	310	70	198	65		
 110	238	273	123	175		78	340	169	164	350	120	235	72		





DN10/15 - 50

Ball valve type 230 PVC-C FC (Fail safe to close) Without manual override With threaded sockets Rp

Model:

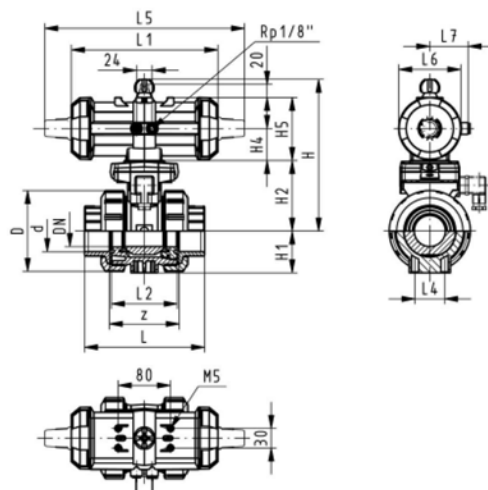
- Assignment of actuators PA11 (DN10/15-25), PA21 (DN32-50), PA30 (DN65), PA35 (DN80), PA40 (DN100)
- Image and drawing DN65-100 please see **New product ball valve DN65-100**
- For easy installation and removal
- Integrated stainless steel mounting inserts
- Control time 90°<) 1-2 s

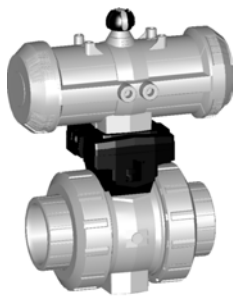
Option:

- Individual configuration of the valve (see form)

Rp [inch]	DN [mm]	PN	kv-value ($\Delta p=1$ bar) [l/min]	EPDM Code	FPM Code	kg	
3/8	10	10	70	199 230 872	199 230 892	1.200	
1/2	15	10	185	199 230 873	199 230 893	1.200	
3/4	20	10	350	199 230 874	199 230 894	1.300	
1	25	10	700	199 230 875	199 230 895	1.400	
1 1/4	32	10	1000	199 230 876	199 230 896	2.500	
1 1/2	40	10	1600	199 230 877	199 230 897	2.800	
2	50	10	3100	199 230 878	199 230 898	3.700	
2 1/2	65	10	5000	199 230 879	199 230 899	4.500	
3	80	10	7000	199 230 880	199 230 900	5.600	
4	100	10	11000	199 230 881	199 230 901	8.200	

Rp [inch]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	H4 [mm]	H5 [mm]	L [mm]	L1 [mm]	L2 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	L7 [mm]	z [mm]
3/8	50	167	27	62	40	97	92	194	56	25	261	76	48	64
1/2	50	167	27	62	40	97	95	194	56	25	261	76	48	64
3/4	58	176	30	71	40	97	110	194	65	25	261	76	48	72
1	68	176	36	71	40	97	123	194	71	25	261	76	48	79
1 1/4	84	210	44	84	51	115	146	224	85	45	305	95	59	94
1 1/2	97	210	51	84	51	115	157	224	89	45	305	95	59	95
2	124	232	64	106	51	115	183	224	101	45	305	95	59	107
2 1/2	166	262	85	156		70	233	218	136	70	276	65		144
3	200	281	105	168		78	254	259	141	70	341	72		151
4	238	292	123	175		86	301	287	164	120	369	80		174





DN10/15 - 50

Ball valve type 230 PVC-C FO (Fail safe to open) Without manual override With threaded sockets Rp

Model:

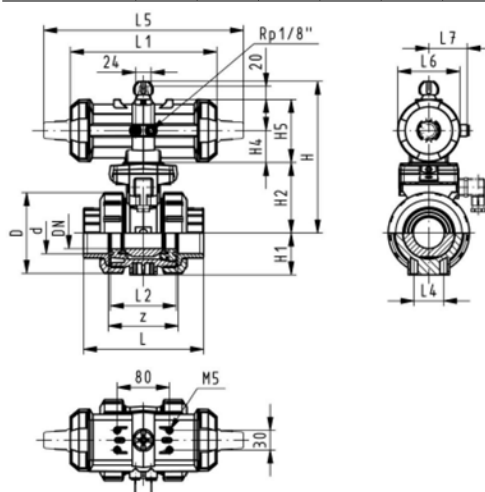
- Assignment of actuators PA11 (DN10/15-25), PA21 (DN32-50), PA30 (DN65), PA35 (DN80), PA40 (DN100)
- Image and drawing DN65-100 please see **New product ball valve DN65-100**
- For easy installation and removal
- Integrated stainless steel mounting inserts
- Control time 90°<) 1-2 s

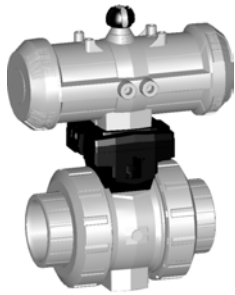
Option:

- Individual configuration of the valve (see form)

Rp [inch]	DN [mm]	PN	kv-value ($\Delta p=1$ bar) [l/min]	EPDM Code	FPM Code	kg	
3/8	10	10	70	199 230 912	199 230 932	1.200	
1/2	15	10	185	199 230 913	199 230 933	1.200	
3/4	20	10	350	199 230 914	199 230 934	1.300	
1	25	10	700	199 230 915	199 230 935	1.400	
1 1/4	32	10	1000	199 230 916	199 230 936	2.500	
1 1/2	40	10	1600	199 230 917	199 230 937	2.800	
2	50	10	3100	199 230 918	199 230 938	3.700	
2 1/2	65	10	5000	199 230 919	199 230 939	4.500	
3	80	10	7000	199 230 920	199 230 940	5.600	
4	100	10	11000	199 230 921	199 230 941	8.200	

Rp [inch]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	H4 [mm]	H5 [mm]	L [mm]	L1 [mm]	L2 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	L7 [mm]	z [mm]
3/8	50	167	27	62	40	97	92	194	56	25	261	76	48	64
1/2	50	167	27	62	40	97	95	194	56	25	261	76	48	64
3/4	58	176	30	71	40	97	110	194	65	25	261	76	48	72
1	68	176	36	71	40	97	123	194	71	25	261	76	48	79
1 1/4	84	210	44	84	51	115	146	224	85	45	305	95	59	94
1 1/2	97	210	51	84	51	115	157	224	89	45	305	95	59	95
2	124	232	64	106	51	115	183	224	101	45	305	95	59	107
2 1/2	166	262	85	156		70	233	218	136	70	276	65		144
3	200	281	105	168		78	254	259	141	70	341	72		151
4	238	292	123	175		86	301	287	164	120	369	80		174





DN10/15 - 50

Ball valve type 230 PVC-C DA (Double acting) Without manual override With threaded sockets Rp

Model:

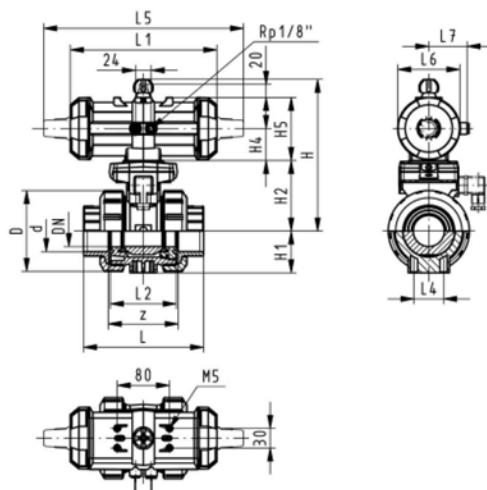
- Assignment of actuators: PA11 (DN10/15-25), PA21 (DN32-50), PA35 (DN65), PA40 (DN80), PA45 (DN100)
- Image and drawing DN65-100 please see **New product ball valve DN65-100**
- For easy installation and removal
- Integrated stainless steel mounting inserts
- Control time 90°<) 1-2 s

Option:

- Individual configuration of the valve (see form)

Rp [inch]	DN [mm]	PN	kv-value ($\Delta p=1$ bar) [l/min]	EPDM Code	FPM Code	kg	
3/8	10	10	70	199 230 942	199 230 952	1.200	
1/2	15	10	185	199 230 943	199 230 953	1.200	
3/4	20	10	350	199 230 944	199 230 954	1.300	
1	25	10	700	199 230 945	199 230 955	1.400	
1 1/4	32	10	1000	199 230 946	199 230 956	2.500	
1 1/2	40	10	1600	199 230 947	199 230 957	2.800	
2	50	10	3100	199 230 948	199 230 958	3.700	
2 1/2	65	10	5000	199 230 949	199 230 959	3.400	
3	80	10	7000	199 230 950	199 230 960	4.900	
4	100	10	11000	199 230 951	199 230 961	6.400	

Rp [inch]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	H4 [mm]	H5 [mm]	L [mm]	L1 [mm]	L2 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	L7 [mm]	z [mm]
3/8	50	167	27	62	40	97	92	194	56	25	261	76	48	64
1/2	50	167	27	62	40	97	95	194	56	25	261	76	48	64
3/4	58	176	30	71	40	97	110	194	65	25	261	76	48	72
1	68	176	36	71	40	97	123	194	71	25	261	76	48	79
1 1/4	84	210	44	84	51	115	146	224	85	45	305	95	59	94
1 1/2	97	210	51	84	51	115	157	224	89	45	305	95	59	95
2	124	232	64	106	51	115	183	224	101	45	305	95	59	107
2 1/2	166	257	85	156		66	233	144	136	70	190	60		144
3	200	274	105	168		70	254	152	141	70	198	65		151
4	238	273	123	175		78	301	169	164	120	235	72		174





Ball valve type 230 PVC-C FC (Fail safe to close)

Without manual override

With backing flanges PP-st metric

Model:

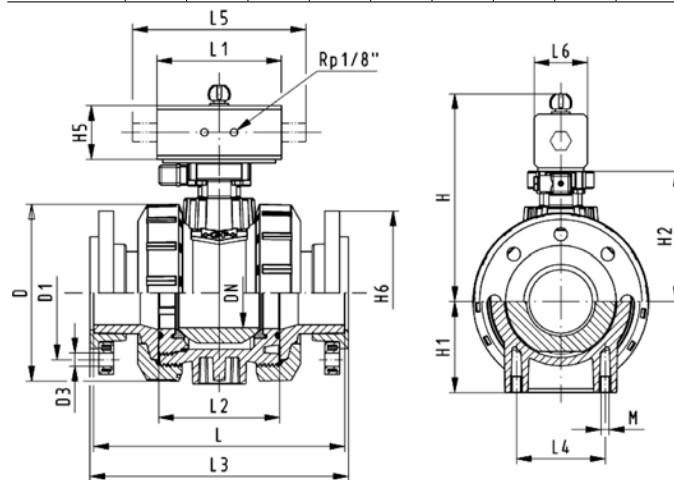
- Assignment of actuators PA11 (DN10/15-25), PA21 (DN32-50), PA30 (DN65), PA35 (DN80), PA40 (DN100)
- Image and drawing DN65-100 please see **New product ball valve DN65-100**
- For easy installation and removal
- Integrated stainless steel mounting inserts
- Control time $90^\circ < 1-2$ s
- Overall length according to EN 558-1
- Connecting dimensions: ISO 7005, EN 1092, BS 4504, DIN 2501; bolt circle PN 10

Option:

- Individual configuration of the valve (see form)

d [mm]	DN [mm]	PN	kv-value ($\Delta p=1$ bar) [l/min]	EPDM Code	FPM Code	kg	
75	65	10	5000	199 234 609	199 234 619	8.600	
90	80	10	7000	199 234 610	199 234 620	10.500	
110	100	10	11000	199 234 611	199 234 621	14.800	

d [mm]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	H5 [mm]	H6 [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	
75	166	262	85	156	70	93	284	218	136	290	70	276	65	
90	200	281	105	168	78	100	300	259	141	310	70	341	72	
110	238	292	123	175	86	110	340	287	164	350	120	369	80	





Ball valve type 230 PVC-C FO (Fail safe to open) Without manual override With backing flanges PP-st metric

Model:

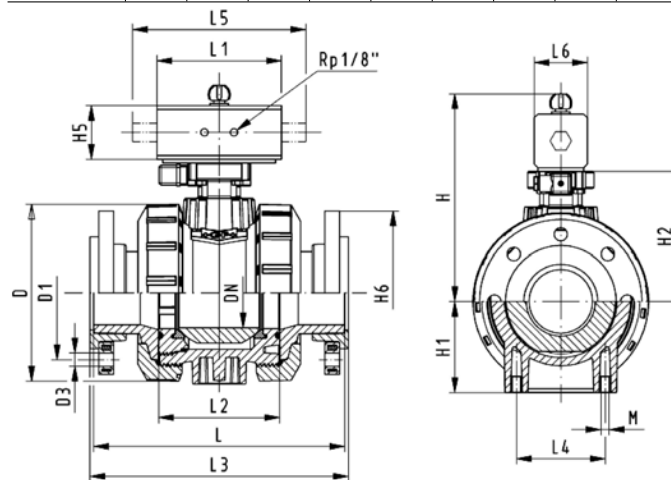
- Assignment of actuators PA11 (DN10/15-25), PA21 (DN32-50), PA30 (DN65), PA35 (DN80), PA40 (DN100)
- Image and drawing DN65-100 please see **New product ball valve DN65-100**
- For easy installation and removal
- Integrated stainless steel mounting inserts
- Control time $90^\circ <$ 1-2 s
- Overall length according to EN 558-1
- Connecting dimensions: ISO 7005, EN 1092, BS 4504, DIN 2501; bolt circle PN 10

Option:

- Individual configuration of the valve (see form)

d [mm]	DN [mm]	PN	kv-value ($\Delta p=1$ bar) [l/min]	EPDM Code	FPM Code	kg	
 75	65	10	5000	199 234 629	199 234 639	8.600	
 90	80	10	7000	199 234 630	199 234 640	10.500	
 110	100	10	11000	199 234 631	199 234 641	14.800	

d [mm]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	H5 [mm]	H6 [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	
 75	166	262	85	156	70	93	284	218	136	290	70	276	65	
 90	200	281	105	168	78	100	300	259	141	310	70	341	72	
 110	238	292	123	175	86	110	340	287	164	350	120	369	80	





Ball valve type 230 PVC-C DA (Double acting)

Without manual override

With backing flanges PP-st metric

Model:

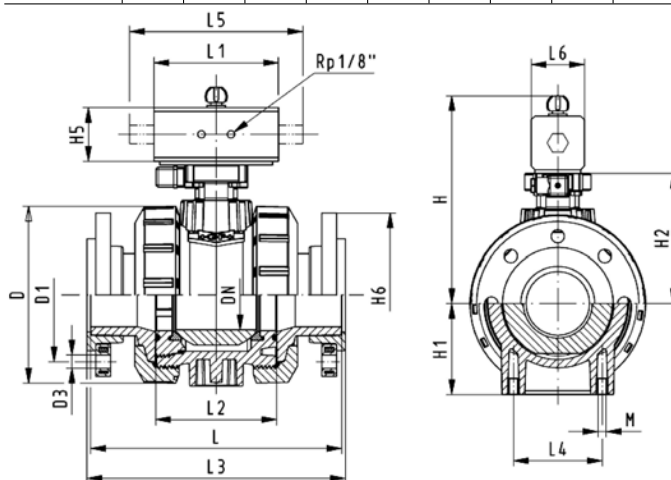
- Assignment of actuators: PA11 (DN10/15-25), PA21 (DN32-50), PA35 (DN65), PA40 (DN80), PA45 (DN100)
- Image and drawing DN65-100 please see **New product ball valve DN65-100**
- For easy installation and removal
- Integrated stainless steel mounting inserts
- Control time $90^\circ <$ 1-2 s
- Overall length according to EN 558-1
- Connecting dimensions: ISO 7005, EN 1092, BS 4504, DIN 2501; bolt circle PN 10

Option:

- Individual configuration of the valve (see form)

d [mm]	DN [mm]	PN	kv-value ($\Delta p=1$ bar) [l/min]	EPDM Code	FPM Code	kg	
 75	65	10	5000	199 234 649	199 234 659	7.400	
 90	80	10	7000	199 234 650	199 234 660	9.800	
 110	100	10	11000	199 234 651	199 234 661	13.100	

d [mm]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	H5 [mm]	H6 [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	
 75	166	257	85	156	66	93	284	144	136	290	70	190	60	
 90	200	274	105	168	70	100	300	152	141	310	70	198	65	
 110	238	273	123	175	78	110	340	169	164	350	120	235	72	



Copiable

Configurator GF ball valve type 546 PVC-C

Ball Valve										
A01 Ball Valve 546										
Material										
B02 PVC-C										
Dimension										
C05 DN 10 3/8"										
C06 DN 15 1/2"										
C07 DN 20 3/4"										
C08 DN 25 1"										
C09 DN 32 1 1/4"										
C10 DN 40 1 1/2"										
C11 DN 50 2"										
C12 DN 65 2 1/2"										
C13 DN 80 3"										
C14 DN 100 4"										
Version										
D01 Standard, PTFE ball seal										
D02 oilfree, PTFE ball seal (only with specific connecting parts)										
D03 silicon-free, PTFE ball seal (only with specific connecting parts)										
D04 silicon-free, PVDF ball seal metric (only with specific connecting parts)										
Seals										
E01 EPDM seals										
E02 FPM seals										
Threaded inserts										
F01 without threaded inserts										
F02 with threaded inserts										
Connecting parts										
G11 PVC-C Cement socket metric										
G12 PVC-C Cement socket JIS										
G13 PVC-C Cement socket inch ASTM										
G14 PVC-C Cement spigot metric										
G15 PVC-C Threaded socket Rp										
G16 PVC-C Threaded socket Rp reinforced (DN10-50)										
G17 PVC-C Threaded socket NPT										
G40 PE-100 Butt fusion metric										
G41 PE-100 Butt fusion spigot SDR11 metric										
G42 PE-100 Butt fusion spigot SDR17.6 metric (DN65-100)										
G43 PE-100 Butt fusion spigot long SDR11 metric										
G72 Backing flange PP-steel metric										
G73 Backing flange PP-steel inch ANSI										
G81 PVC-C Valve end blank										
Multi-functional module										
I01 No multi-functional module										
I02 Empty module										
I03 Module with 2 end switches Ag, Ni										
I04 Module with 2 end switches Au										
I05 Module with 2 inductive switches Namur										
I06 Module with 2 inductive switches PNP										
I07 Module with 2 inductive switches NPN										
Lever										
K01 Standard lever red										
K02 Standard lever black										
K11 Multi-functional lever red										
Mounting plate										
L01 without mounting plate										
L02 with mounting plate										
A01	B02	C	D	E	F	G	G	I	K	L
left						right				

You will find a large selection of different versions in our range of products. New system elements also provide you with new opportunities for use. In order for us to supply exactly the ball valve you need for you application, we have created a selection menu for you.

We supply what you put together.

Copiable

GF ball valve type 546 with pneumatic actuator

It's so easy to configure the type 546:
 With the configurator, you have a choice of new pneumatic actuators PA11 and PA21 in 2 optimized sizes including a large range of accessories.

We supply what you put together.



Pneumatic actuators PA11/PA21			
P01	Fail safe to close PA11/PA21		
P02	Fail safe to open PA11/21		
P03	Double acting PA11/21		
P30	Fail safe to close PA30/90		
P31	Fail safe to open PA30/90		
P32	Double acting PA30/90		
Manual override			
Q01	without manual override		
Q02	with manual override		
Stroke limiter			
R01	without stroke limiter		
R02	with stroke limiter		
P	Q	R	