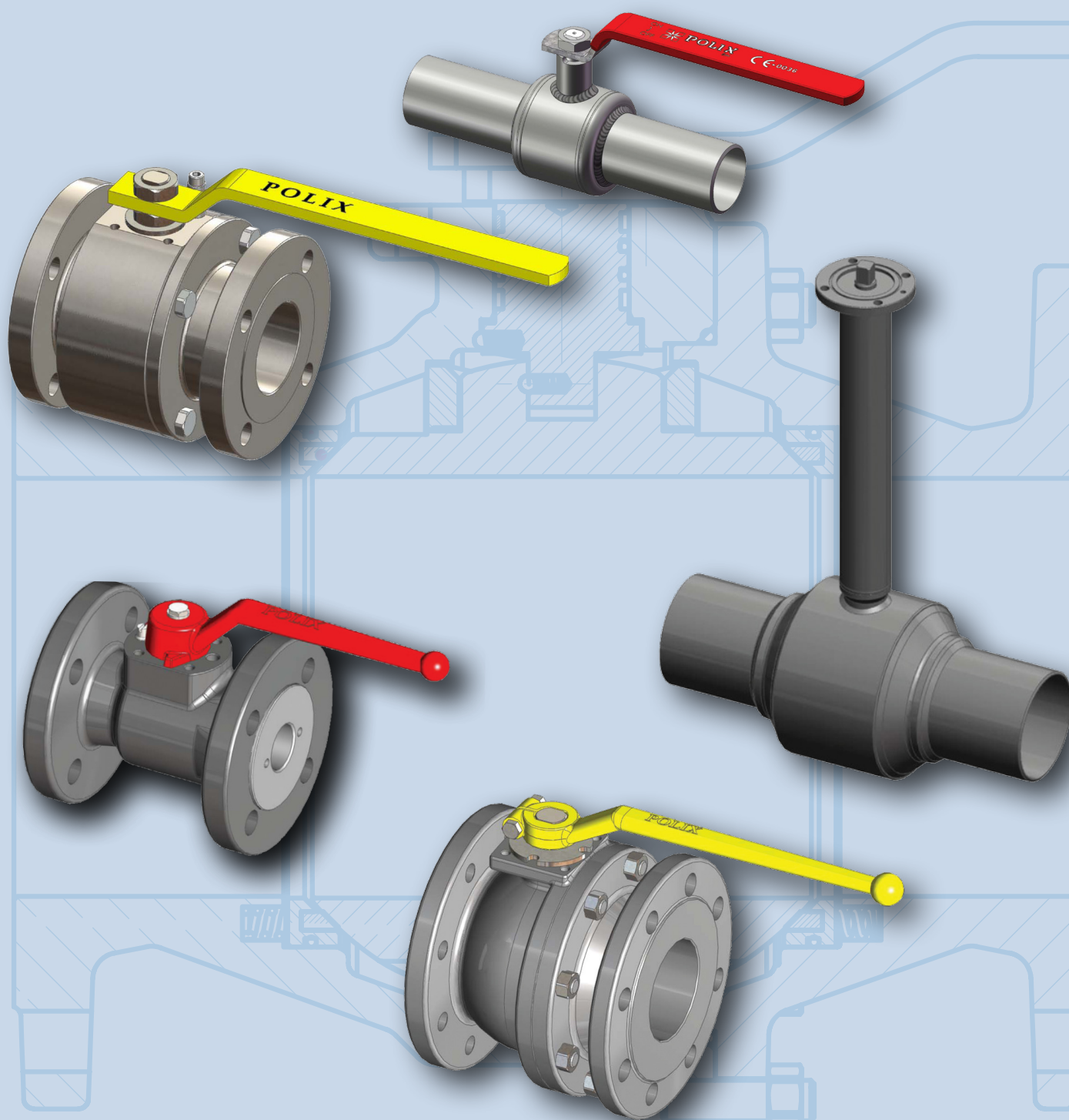


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Marking – ball valves POLIX

Standard marking

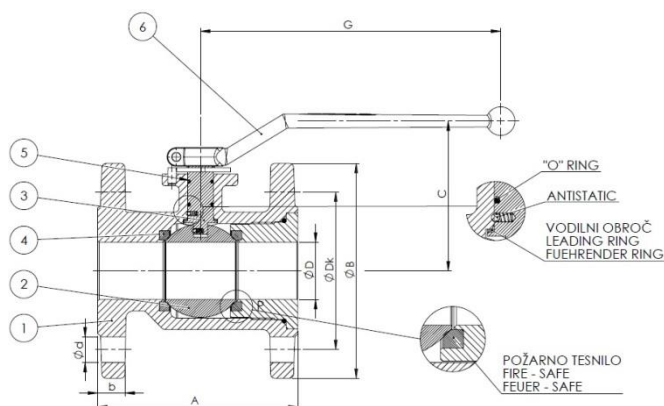
Ball valve	KP	
Body – shape	N (-G)	Ductile iron Cstr 1 EN-GJS-400-15; GGG-40 (0.7040)
	C (-G)	Ductile iron Cstr 2 – EN-GJS-400-15; GGG-40 (0.7040)
	V (-G)	Carbon steel – welded constr. P235 TR2 (1.0255)
	F (-G)	Carbon steel – machined A105 (1.0402)
	A (-G)	Carbon steel – machined A105 (1.0402)
	T (-G)	Carbon steel – welded constr. P235 TR2 (1.0255)
	S	Stainless steel – machined GX5CrNiMo19-11; AISI 316 (1.4408)
G: ball valve for gas		
Nominal size	DN50	from 15 up to 300
Nominal pressure	PN 4	4 bar
	PN 6	6 bar
	PN 10	10 bar
	PN 16	16 bar
	PN 40	40 bar
	AN150	ANSI class 150
	AN300	ANSI class 300
Bore	D	Full
	R	Reduced
Connection – shape	P	Flange
	U	Butt welded
	N	Threaded
	Y	Transitional piece steel-polyethylene
	H	Transitional piece polyethylene
	1	PU (flange/welded)
	2	PY (flange/steel-polyethylene)
	3	PH (flange/polyethylene)
	4	UY (welded/steel-polyethylene)
	5	UH (welded/polyethylene)
	6	YH (steel-polyethylene/polyethylene)
"O"ring	V	FPM-Viton (gas -20 °C ÷ 60 °C)
	N	NBR (-20 °C ÷ 100 °C)
	E	EPDM (-20 °C ÷ 150 °C)
	P	PTFE (-20 °C ÷ 200 °C)
Stem	B	Brass – CuZn40Pb2; Ms 58 (2.0402)
	X	Stainless steel – X20Cr13; AISI 420 (1.4021)
Seat	P	PTFE
	M	Metal
Ball	B	Brass – chrome plated – CuZn40Pb2; Ms 58 (2.0402)
	X	Stainless steel – X5CrNi18-10; AISI 304 (1.4301)
	C	Casting – EN-GJS-400-15; GGG-40 (0.7040)

Additional marking

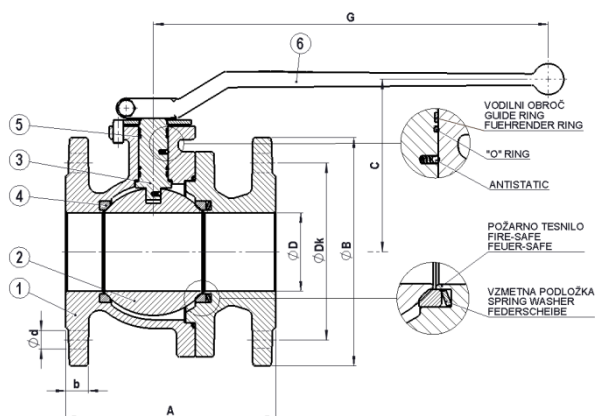
Construction of underground installation	PG0	Welded PG
	PG1	Flanged PG
	PG2	Flanged PG – with gear
	F00	Drive directly on the valve (F04–F12)
Shape of key accessory or drive	K22	K22=DN25–100; S27=DN125–200
	K32	Key dimension
	F04	Drive dimension (F05–F12)
Air hole construction	I1	One – side drain
	I2	Both – side drain
Sealing construction	ST	Secondary sealing
Face to face dimension	F5	
Without handle	Z	
Flange drilling AS 2129	ANSI	150
	B	Without drilling
	E	Table
Top flange	ISO	

1.1 BALL VALVES FOR GAS

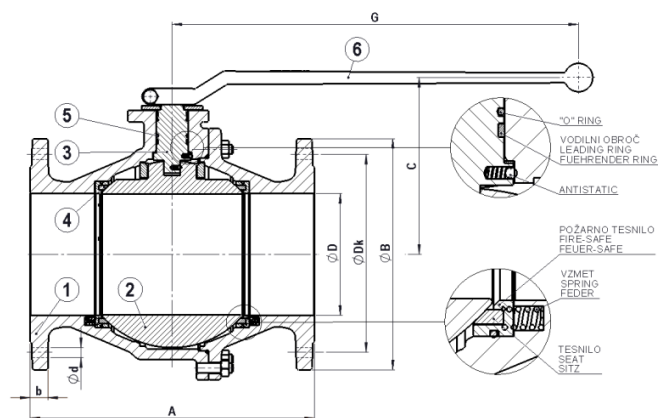




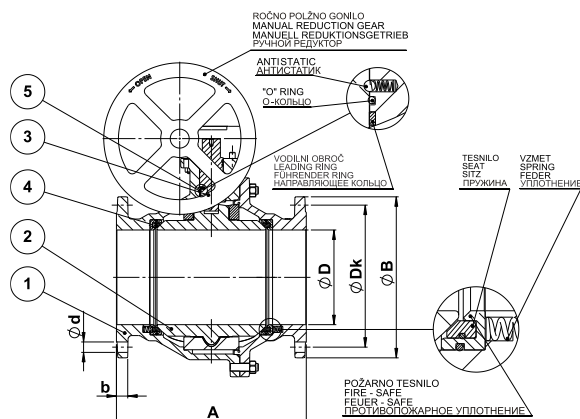
DN15-DN50



DN65-DN100



DN125-DN150



DN200-DN300



Working temperature: -20 °C/+60 °C

Materials

1	Body	Ductile Iron – EN-GJS-400-15 (GGG40)
2	Ball	Stainless Steel – X5CrNi18-10 (A304)
3	Stem	Stainless Steel – X20Cr13 (A420)
4	Seats	PTFE
5	O-Ring	Viton
6	Handle	Forged Aluminium – Al6061, option S235JR (RSt 37-2)

KPN-G DN ... PN16 DP VX PX - ISO



PN16

Art. nr.	DN	A	ØB	C	ØD	G	b	ØDk	Ød	Nr.	Top flange ISO	Shaft K x h	Weight (kg)
A950341	15	115	95	72	13	158	16	65	14	4	F03	11 x 13,5	2,00
A950342	20	120	105	82	19,5	158	18	75	14	4	F03	11 x 13,5	3,30
A950343	25	125	115	83	25	158	18	85	14	4	F04	11 x 13,5	3,60
A950344	32	130	140	102	32	180	18	100	18	4	F05	14 x 18	5,40
A950345	40	140	150	107	40	180	18	110	18	4	F05	14 x 18	6,70
A950346	50	150	165	120,5	50	210	20	125	18	4	F05	14 x 18	8,90
A950347	65	170	185	140	63,5	320	18	145	18	4	F07	17 x 23	14,70
A950348	80	180	200	151	78	320	20	160	18	8	F07	17 x 23	20,10
A950349	100	190	220	166	99	320	20	180	18	8	F07	17 x 23	26,00
A950350	125	325	250	201	124	500	22	210	18	8	F10	22 x 27	50,00
A950351	150	350	285	218	149	500	22	240	22	8	F10	22 x 27	69,50
A950012	200	400	340	–	200	–	24	295	22	12	F12	K30	144,00
A950013	250	450	405	–	250	–	26	355	26	12	F14	K36	235,00
A950014	300	500	460	–	300	–	29	410	26	12	F14/16	K36	329,00

 TRUNION MOUNTED BALL

KPN-G DN ... PN40 DP VX PX - ISO

PN40

Art. nr.	DN	A	ØB	C	ØD	G	b	ØDk	Ød	Nr.	Top flange ISO	Shaft K x h	Weight (kg)
A951101	15	115	95	72	13	158	16	65	14	4	F03	11 x 13,5	2,00
A951102	20	120	105	82	19,5	158	18	75	14	4	F03	11 x 13,5	3,30
A951103	25	125	115	83	25	158	18	85	14	4	F04	11 x 13,5	3,60
A951104	32	130	140	102	32	180	18	100	18	4	F05	14 x 18	5,40
A951105	40	140	150	107	40	180	18	110	18	4	F05	14 x 18	6,70
A951106	50	150	165	120,5	50	210	20	125	18	4	F05	14 x 18	8,90
A951107	65	170	185	140	63,5	320	18	145	18	8	F07	17 x 23	14,70
A951108	80	180	200	151	78	320	20	160	18	8	F07	17 x 23	20,10
A951229	100*	190	235	166	99	445	20	190	22	8	F07	17 x 23	*39,00

Notes

Face to face dimensions conform to DIN3202 F18.

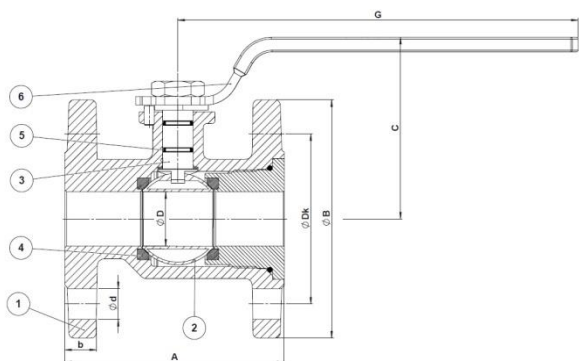
DN50 to DN300 with spring loaded washers.

DN200 – DN300 are with manual gearbox.

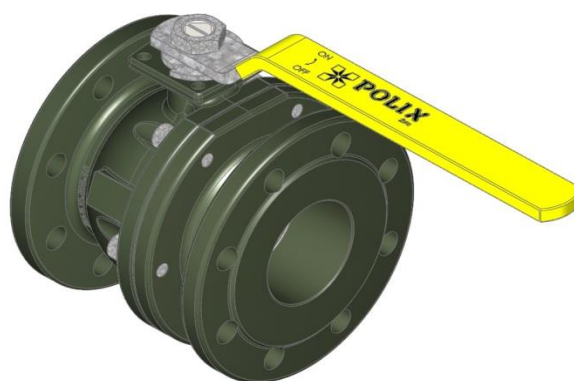
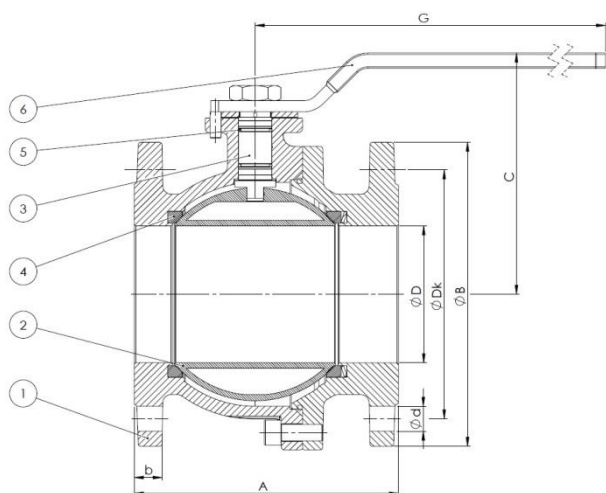
HTB from DN25 to DN100.

Antistatic and fire safe design.

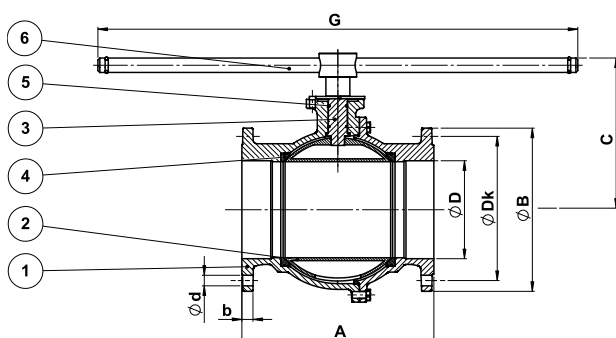
*Body made of Carbon Steel – A105.



DN25-DN50



DN65-DN150



DN200



Working temperature -20 °C/+60 °C

Materials

1	Body	Ductile Iron – EN-GJS-400-15 (GGG40)
2	Ball	Brass – CuZn40Pb2 (Ms 58)
3	Stem	Stainless Steel – X20Cr13 (A420)
4	Seats	PTFE
5	O-Ring	Viton
6	Handle	Carbon steel (Galvanised) – S235JR (RSt 37-2)

KPC-G DN ... PN16 DP VX PB - ISO

**PN16**

Art. nr.	DN	A	ØB	C	ØD	G	b	ØDk	Ød	Nr.	Top flange ISO	Shaft K x h	Weight (kg)
A954193	25	125	115	76	25	150	18	85	14	4	F03	11 x 13,5	3,60
A954194	32	130	140	92	31	235	18	100	18	4	F04	14 x 18	5,40
A954195	40	140	150	97	39	235	18	110	18	4	F05	14 x 18	6,70
A954196	50	150	165	105	49	271	20	125	18	4	F05	14 x 18	8,90
A954197	65	170	185	124	63	288	18	145	18	4	F07	17 x 23	14,70
A954198	80	180	200	133	76	288	20	160	18	8	F07	17 x 23	20,10
A954199	100	190	220	153	100	288	20	180	18	8	F07	17 x 23	26,00
A954200	125	200	250	183	125	541	22	210	18	8	F10	22 x 27	30,00
A954313	125	325*	250	183	125	541	22	210	18	8	F10	22 x 27	34,70
A954311	150	210	285	203	150	541	22	240	22	8	F10	22 x 27	38,00
A954314	150	350*	285	203	150	541	22	240	22	8	F10	22 x 27	45,30
A954012	200	400*	340	316	200	1000	24	295	22	12	F12	K30	85,00

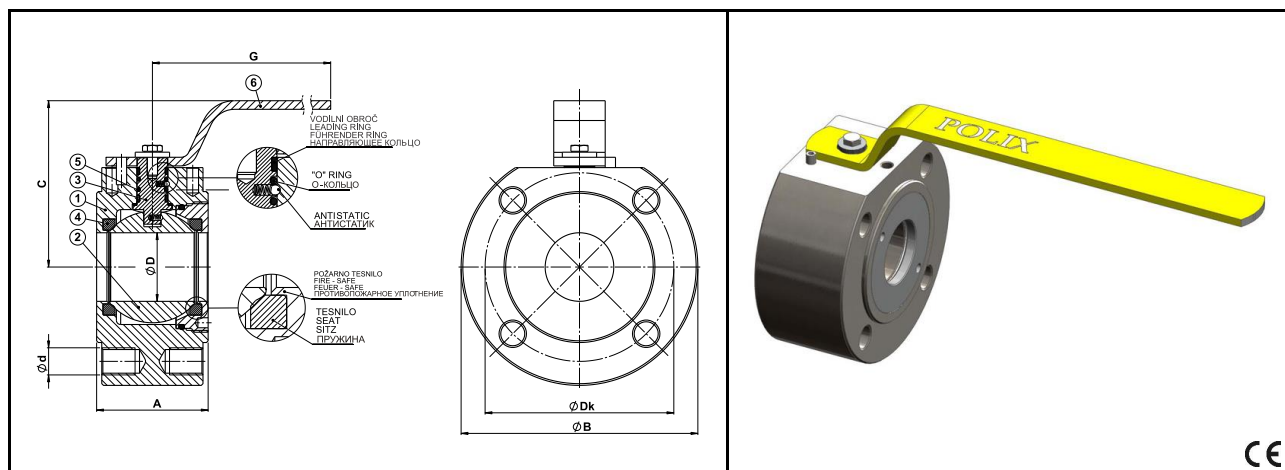
Notes

Article number from DN25 – DN50 are the same for PN16 and PN40 and are always declared as PN40.

Face to face dimensions conform to DIN3202 F4.

*Face to face dimensions conform to DIN3202 F5.





CE

Working temperature -20 °C/+60 °C

Materials

1	Body	Carbon Steel – A105, P235TR2
2	Ball	Stainless Steel – X5CrNi18-10 (A304)
3	Stem	Stainless Steel – X20Cr13 (A420)
4	Seats	PTFE
5	O-Ring	Viton
6	Handle	Carbon steel (Galvanised) – S235JR (RSt 37-2)

KPA-G DN ... PN16 DP VX PX

PN16

Art. nr.	DN	A	ØB	C	ØD	G	ØDk	Ød	Nr.	Weight (kg)
A955071	15	39	88	80	16	150	65	M12	4	2,80
A955072	20	39	98	80	20	150	75	M12	4	2,90
A955073	25	42	110	76	25	158	85	M12	4	3,00
A955074	32	55	130	108	32	180	100	M16	4	4,50
A955075	40	65	140	114	40	180	110	M16	4	6,50
A955076	50	80	150	128	50	222	125	M16	4	11,00
A955077	65	100	175	160	63,5	293	145	M16	4	15,00
A955078	80	120	190	170	78	293	160	M16	8	20,00
A955079	100	140	220	185	99	293	180	M16	8	28,50
A955080	125	175	296	194	125	541	210	M16	8	35,00
A955081	150	210	330	213	150	541	240	M20	8	97,00
A955082	200	270	435	310	200	1000	295	M20	12	179,00

KPA-G DN ... PN40 DP VX PX

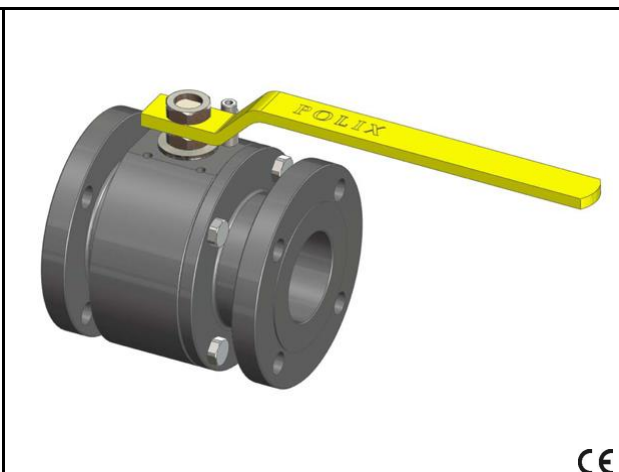
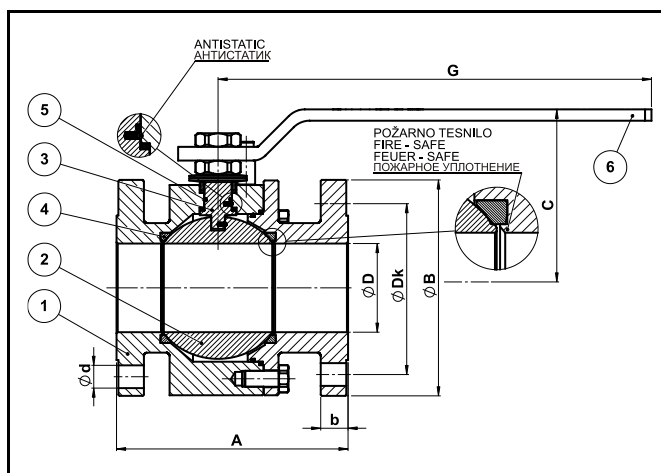
PN40

Art. nr.	DN	A	ØB	C	ØD	G	ØDk	Ød	Nr.	Weight (kg)
A955071	15	39	88	80	16	150	65	M12	4	2,80
A955072	20	39	98	80	20	150	75	M12	4	2,90
A955073	25	42	110	76	25	158	85	M12	4	3,00
A955074	32	55	130	108	32	180	100	M16	4	4,50
A955075	40	65	140	114	40	180	110	M16	4	6,50
A955076	50	80	150	128	50	222	125	M16	4	11,00
A955083	65	100	175	160	63,5	293	145	M16	8	15,00
A955084	80	120	190	170	78	293	160	M16	8	20,00
A955085	100	140	220	185	99	293	190	M20	8	28,50

Notes

Article numbers for DN15–DN50 are the same for PN16 and PN40 and are always declared as PN40.
 Antistatic and fire safe design.





CE

Working temperature -20 °C/+60 °C

Materials

1	Body	Carbon Steel – A105, P235TR2
2	Ball	Stainless Steel – X5CrNi18-10 (A304)
3	Stem	Stainless Steel – X20Cr13 (A420)
4	Seats	PTFE
5	O-Ring	Viton
6	Handle	Carbon steel (Galvanised) – S235JR (RSt 37-2)

KPF-G DN ... AN150 DP VX PX

ANSI Class 150

Art. nr.	DN	A	ØB	C	ØD	G	b	ØDk	Ød	Nr.	Weight (kg)
A956023	25	127	110	90	25	180	14,5	79,5	16	4	6,00
A956025	40	165	130	120	40	360	17,5	98,5	16	4	12,00
A956026	50	178	150	130	50	360	19,5	120,5	20	4	17,50
A956028	80	203	190	150	78	460	24,0	152,5	20	4	28,50
A956029	100	229	230	165	99	460	24,0	190,5	20	8	44,70
A956034	150	394	280	–	149	–	25,5	241,5	22	8	129,50
A956040*	200	457	343	–	200	–	30	298,4	22	8	153,50

KPF-G DN ... AN300 DP VX PX

ANSI Class 300

Art. nr.	DN	A	ØB	C	ØD	G	b	ØDk	Ød	Nr.	Weight (kg)
A956063	25	165	125	90	25	180	17,5	89,0	20	4	7,50
A956065	40	191	155	120	40	360	21,0	114,5	22	4	15,00
A956066	50	216	165	130	50	360	22,5	127,0	20	8	21,00
A956068	80	283	210	150	78	460	29,0	168,5	22	8	40,50
A956069	100	305	255	165	99	460	32,0	200,0	22	8	65,50
A956071	150	403	320	–	149	–	37,0	270,0	22	12	144,30
A956080*	200	502	381	–	200	–	42,5	330	25,5	12	179,50

☐ TRUNION MOUNTED BALL AND SPRING LOADED WASHERS

Notes

DN150-200 are with manual gearbox.

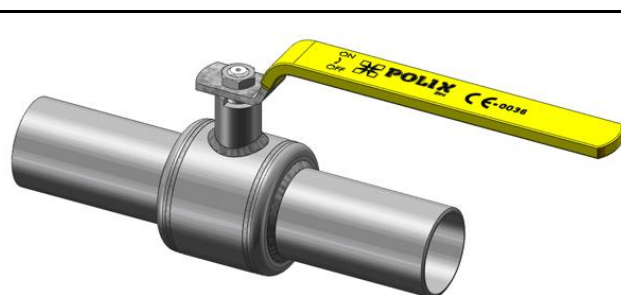
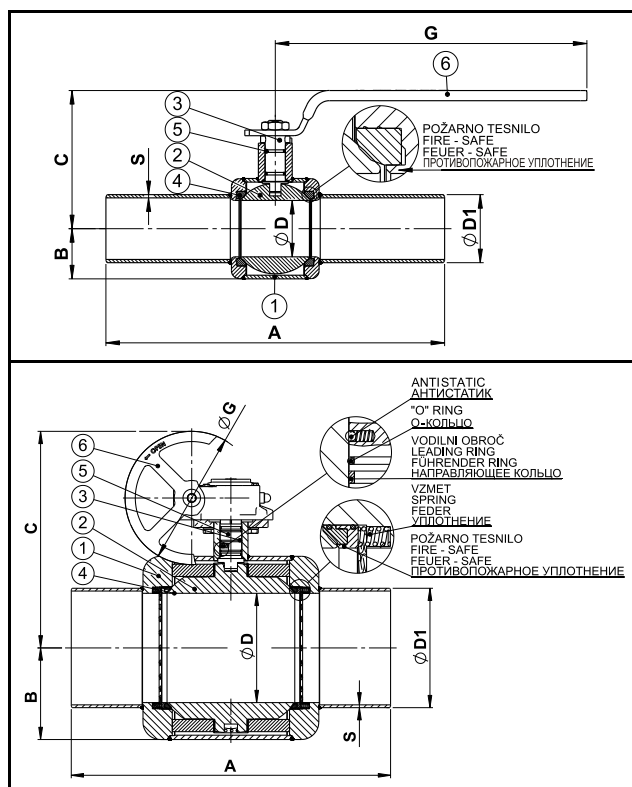
Antistatic and fire safe design.

*Welded construction.



BALL VALVE KPT-G, WELDED
FULL BORE, DN15–DN300

GAS



DN15–DN200

CE



DN250–DN300

CE

Working temperature -20 °C/+60 °C

Materials

1	Body	Carbon Steel – A105, P235TR2
2	Ball	Stainless Steel – X5CrNi18-10 (A304)
3	Stem	Stainless Steel – X20Cr13 (A420)
4	Seats	PTFE
5	O-Ring	Viton
6	Handle	Carbon steel (Galvanised) – S235JR (RSt 37-2)

KPT-G DN ... PN16 DU VX PX

PN16

Art. nr.	DN	A	B	C	ØD	ØD1	G	S	Weight (kg)
A958021	15	270	16,9	72,4	15,9	21,3	161	2,6	0,71
A958022	20	270	21,2	82,6	20	26,9	161	2,6	0,95
A958023	25	270	24,2	90,3	25	33,7	161	2,6	1,34
A958024	32	270	30,2	108,3	31	42,4	237	2,9	2,40
A958025	40	270	38,1	116	40	48,3	276	2,9	3,63
A958026	50	300	44,5	122,5	50	60,3	276	2,9	5,33
A958027	65	360	57,2	148,6	63,5	76,1	340	3,2	10,28
A958028	80	390	69,9	160,6	78	88,9	340	3,2	15,68
A958029	100	450	84,2	174,6	99	114,3	340	3,6	19,86
A958030	125	525	109,6	219	125	139,7	545	4,0	26,74
A958031	150	600	136,5	246	150	168,3	545	4,5	40,23
A958032	200	600	177,8	348	200	219,1	1000	6,3	80,41
A958033	250	730	209,5	495	250	273,0	Ø305	6,3	254,50
A958134	300*	850	209,5	495	250	323,9	Ø305	7,1	260,30

Notes

Face to face dimensions conform to DIN3202 F14.

Fire safe design.

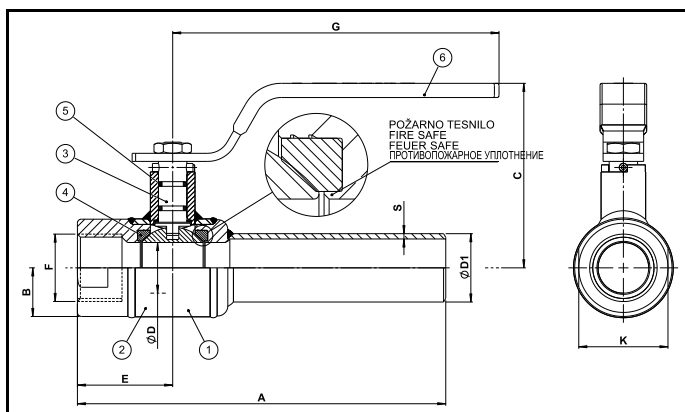
DN250 and DN300: - trunion mounted ball
 - spring loaded washers
 - antistatic design
 - manual gearbox

*DN300 – reduced bore.



**BALL VALVE KPT-G, WELDED-THREADED
FULL BORE, DN15-DN50**

GAS



Working temperature: -20 °C/+60 °C

Materials

1	Body	Carbon Steel – A105, P235TR2
2	Ball	Stainless Steel – X5CrNi18-10 (A304)
3	Stem	Stainless Steel – X20Cr13 (A420)
4	Seats	PTFE
5	O-Ring	Viton
6	Handle	Carbon steel (Galvanised) – S235JR (RSt 37-2)

KPT-G DN ... PN40 DU-DN PX PX

PN40

Art. nr.	DN	A	B	C	ØD	ØD1	E	F	G	K	S	Weight (kg)
A958891	15	169	16,9	71,6	15,8	21,3	34	G 1/2"	161	32	2,6	0,7
A958892	20	174	21,2	82,6	20	26,9	39	G 3/4"	161	40	2,6	0,8
A958893	25	182	24,2	90,3	25	33,7	47	G 1"	161	44	2,6	1,4
A958894	32	189	30,2	108,3	31	42,4	52	G 1 1/4"	237	56	2,9	1,8
A958895	40	196	38,1	116	40	48,3	61	G 1 1/2"	276	70	2,9	4,2
A958896	50	221,5	44,5	122,5	50	60,3	71,5	G 2"	276	82	2,9	5

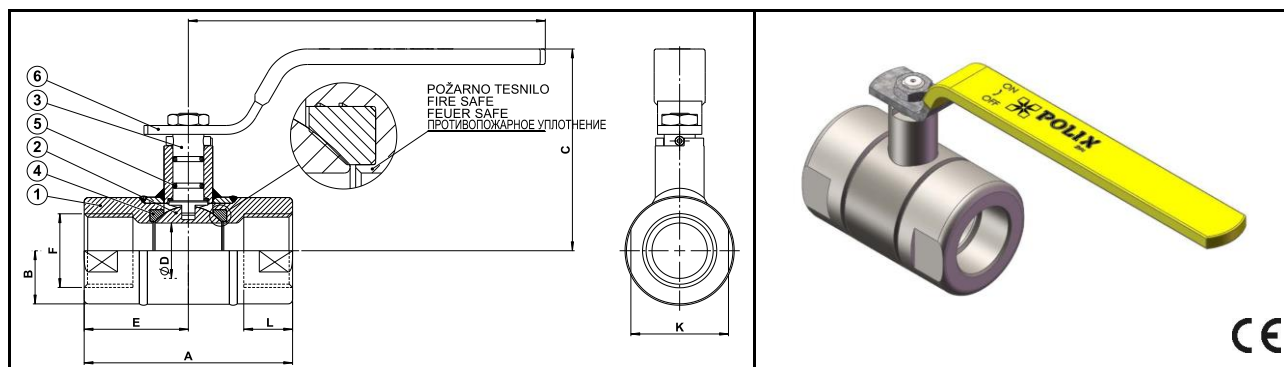
Notes

Fire safe design.



BALL VALVE KPT-G, THREADED
FULL BORE, DN15-DN50

GAS



Working temperature: -20 °C/+60 °C

Materials

1	Body	Carbon Steel – A105, P235TR2
2	Ball	Stainless Steel – X5CrNi18-10 (A304)
3	Stem	Stainless Steel – X20Cr13 (A420)
4	Seats	PTFE
5	O-Ring	Viton
6	Handle	Carbon steel (Galvanised) – S235JR (RSt 37-2)

KPT-G DN ... PN40 DN VX PX

PN40

Art. nr.	DN	A	B	C	ØD	E	F	G	K	L	Weight (kg)
A958751	15	68	16,9	71,6	15,8	34	G ½"	161	32	17	0,5
A958752	20	78	21,2	82,6	20	39	G ¾"	161	40	18	0,8
A958753	25	94	24,2	90,3	25	47	G 1"	161	44	22	1,4
A958754	32	104	30,2	108,3	31	52	G 1¼"	237	56	22	1,8
A958755	40	121	38,1	116	40	61	G 1½"	276	70	24	4,0
A958756	50	143	44,5	122,5	50	71,5	G 2"	276	82	27	5,4

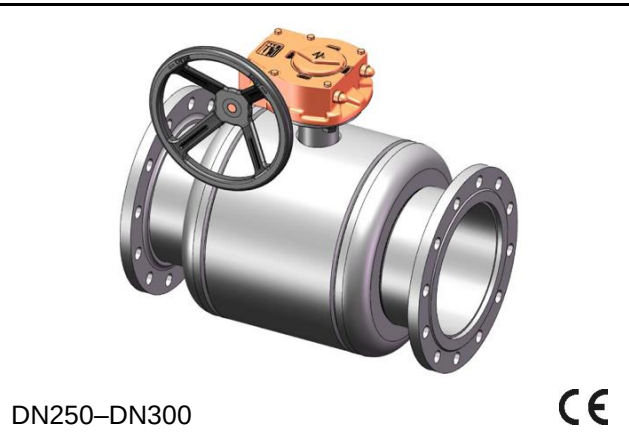
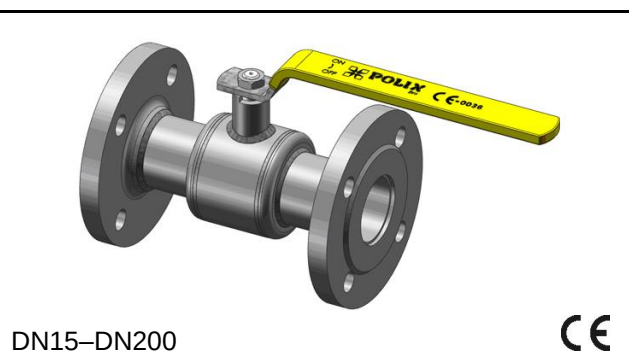
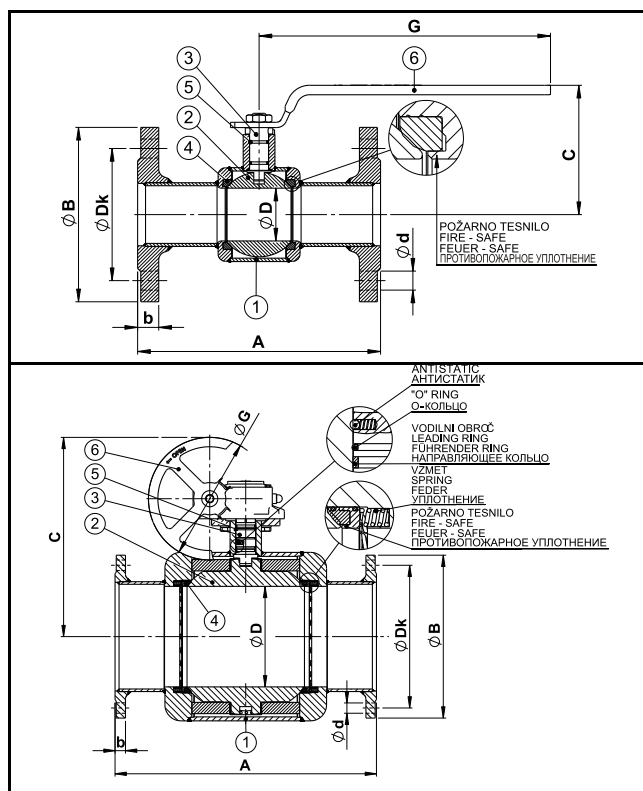
Notes

Fire safe design.



BALL VALVE KPT-G, FLANGED FULL BORE, DN15–DN300

GAS



Working temperature: -20 °C/+60 °C

Materials

1	Body	Carbon Steel – A105, P235TR2
2	Ball	Stainless Steel – X5CrNi18-10 (A304)
3	Stem	Stainless Steel – X20Cr13 (A420)
4	Seats	PTFE
5	O-Ring	Viton
6	Handle	Carbon steel (Galvanised) – S235JR (RSt 37-2)

KPT-G DN ... PN16 DP VX PX

PN16

Art. nr.	DN	A	ØB	C	ØD	G	b	ØDk	Ød	Nr.	Weight (kg)
A958221	15	130	95	71,6	15,9	161	16	65	14	4	1,96
A958222	20	150	105	82,6	20	161	18	75	14	4	2,73
A958223	25	160	115	90,3	25	161	18	85	14	4	3,49
A958224	32	180	140	108,3	31	237	18	100	18	4	5,62
A958225	40	200	150	116	40	276	18	110	18	4	7,23
A958226	50	230	165	122,5	50	276	20	125	18	4	8,96
A958227	65	290	185	148,6	63,5	340	22	145	18	8	16,45
A958228	80	310	200	160,6	78	340	24	160	18	8	23,42
A958229	100	350	235	174,6	99	340	24	190	22	8	29,91
A958230	125	400	270	219	125	545	26	220	26	8	40,24
A958231	150	450	300	246	150	545	28	250	26	8	52,43
A958232	200	550	375	348	200	1000	34	320	30	12	98,17
A958233	250	650	405	495	250	Ø305	26	355	26	12	274,50
A958334	300*	750	460	495	250	Ø305	28	410	26	12	287,30

Notes

Face to face dimensions conform to DIN3202 F17.

Fire safe design.

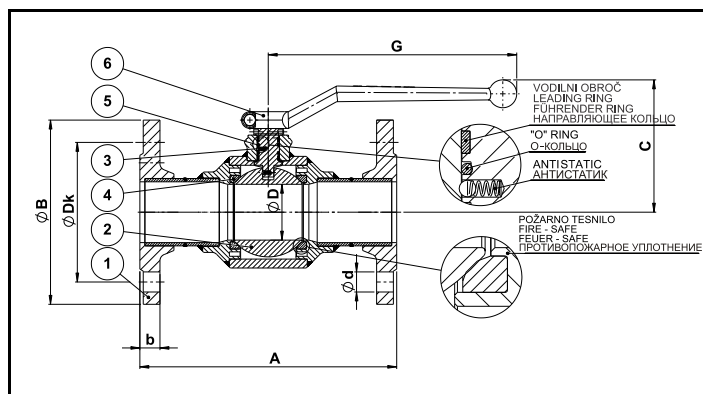
DN250 and DN300: - trunion mounted ball
- spring loaded washers
- antistatic design
- manual gearbox

*DN300 – reduced bore.



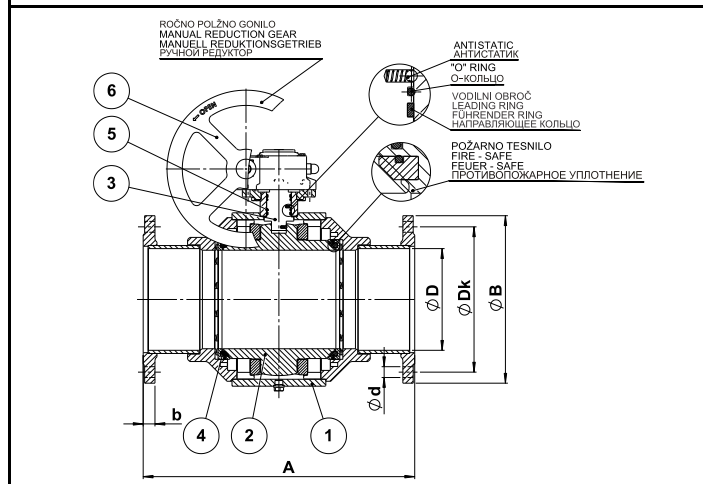
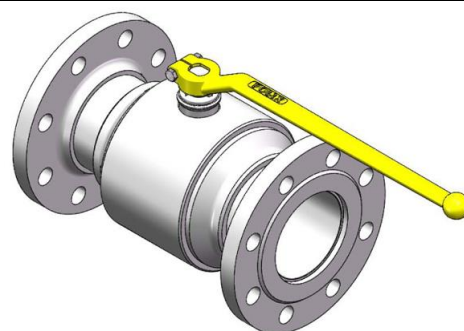
BALL VALVE KPV-G, FLANGED
FULL BORE, DN25–DN300

GAS



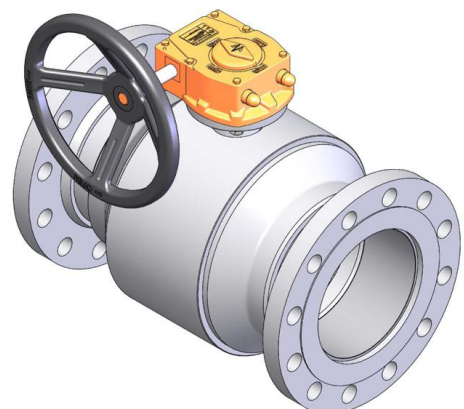
DN25–DN150

CE



DN150–DN300

CE



Working temperature -20 °C / +60 °C

Materials

1	Body	Carbon Steel – A105, P235TR2
2	Ball	Stainless Steel – X5CrNi18-10 (A304)
3	Stem	Stainless Steel – X20Cr13 (A420)
4	Seats	PTFE
5	O-Ring	Viton
6	Handle	Forged Aluminium – Al6061, option S235JR (RSt 37-2)

KPV-G DN ... PN16 DP VX PX

PN16

Art. nr.	DN	A	B	C	ØD	G	b	ØDk	Ød	Nr.	Weight (kg)
A957303	25	160	115	76	25	158	16	85	14	4	3,70
A957304	32	180	140	108	32	180	16	100	18	4	5,80
A957305	40	200	150	114	40	180	16	110	18	4	7,00
A957306	50	230	165	128	50	222	18	125	18	4	10,00
A957307	65	290	185	160	63,5	293	18	145	18	4	16,00
A957308	80	310	200	170	78	293	20	160	18	8	20,00
A957309	100	350	220	185	99	293	20	180	18	8	30,00
A957310	125	400	250	260	124	1000	22	210	18	8	55,00
A957311	150	450	285	277	149	1000	22	240	22	8	80,00
A957312	200	550	340	–	200	–	24	295	22	12	145,00
A905471	250/200*	450	405	–	200	–	26	355	26	12	155,00
A957313	250	650	405	–	250	–	26	355	26	12	252,50
A957314	300	750	460	–	300	–	28	410	26	12	385,50

KPV-G DN ... PN40 DP VX PX

PN40

Art. nr.	DN	A	B	C	ØD	G	b	ØDk	Ød	Nr.	Weight (kg)
A957403	25	160	115	76	25	158	18	85	14	4	3,70
A957404	32	180	140	108	32	180	18	100	18	4	5,80
A957405	40	200	150	114	40	180	18	110	18	4	7,00
A957406	50	230	165	128	50	222	20	125	18	4	10,00
A957407	65	290	185	160	63,5	293	22	145	18	8	16,50
A957408	80	310	200	170	78	293	24	160	18	8	20,50
A957409	100	350	235	185	99	293	24	190	22	8	32,00
A957410	125	400	270	260	124	1000	26	220	26	8	57,00
A957411	150	450	300	—	149	—	28	250	26	8	80,00
A957412	200	550	375	—	200	—	34	320	30	12	147,00
A905555	250/200*	450	450	—	200	—	38	385	33	12	159,00
A957413	250	650	405	—	250	—	26	355	26	12	252,50
A957414	300	750	460	—	300	—	28	410	26	12	385,50

 TRUNION MOUNTED BALL

Notes

Face to face dimensions conform to DIN3202 F17. DN50 to DN300 with spring loaded washers.

DN150 for PN40, DN200–DN300 are with the manual gearbox.

Antistatic and fire safe design.

*DN250 – reduced bore.

KPV-G DN ... AN150 DP VX PX

ANSI Class 150

Art. nr.	DN	A	ØB	C	ØD	G	b	ØDk	Ød	Nr.	Weight (kg)
A956103	25	127	108	87	25	170	14,5	79,5	16	4	3,4
A956104	32	140	117,3	92,5	35	170	14,5	88,9	16	4	4,6
A956105	40	165	127	97	40	170	17,5	98,5	16	4	5,7
A956106	50	178	152,4	107	50	210	19,5	120,5	20	4	8,4
A956107	65	191	177,8	128	63	280	20,6	139,7	20	4	15,6
A956108	80	203	190,5	138	78	280	24,0	152,5	20	4	19,0
A956109	100	229	228,6	155,5	99	400	24,0	190,5	20	8	30,3
A956111	150	394	279,4	250	149	1000	25,5	241,5	22	8	82,2
A956112	200	457	342,9	417,5	200	Ø305	30,0	298,4	22	8	152,0
A956113	250	533,4	406,4	491	250	Ø305	30,0	362	25,4	12	251,2
A956114	300	609,6	482,6	612	300	Ø457	32	431,8	25,4	12	389,1

KPV-G DN ... AN300 DP VX PX

ANSI Class 300

Art. nr.	DN	A	ØB	C	ØD	G	b	ØDk	Ød	Nr.	Weight (kg)
A956083	25	165	124	87	25	170	17,5	89,0	19	4	4,7
A956084	32	178	133,4	92,5	35,1	170	17,5	98,6	19	4	6,2
A956085	40	191	155,4	97	40	170	20,5	114,3	22	4	8,2
A956086	50	215,9	165,1	107	50	210	22,0	127,0	19	8	10,1
A956087	65	241	190,5	128	63,5	280	23,9	149,4	22	8	18,6
A956088	80	282,6	209,6	138	78	280	29,0	168,5	22	8	23,6
A956089	100	304,8	254	155,5	99	400	32,0	200,2	22	8	40,8
A956091	150	403	317,5	250	149	1000	37,0	269,7	22	12	97,5
A956092	200	501,7	381	417,5	200	Ø305	41	330,0	25,5	12	178,0
A956093	250	568,3	444,5	491	250	Ø305	47,6	387,4	28,5	16	289,9
A956094	300	647,7	520,7	612	300	Ø457	50,8	450,9	31,8	16	443,5

 TRUNION MOUNTED BALL

Notes

DN50 to DN300 with spring loaded washers.

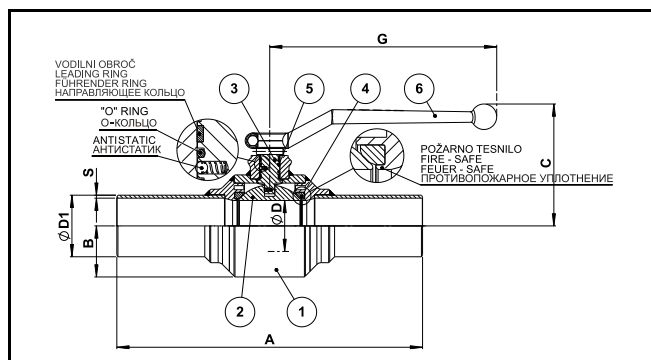
Antistatic and fire safe design.

DN150 - DN300 are with the manual gearbox.

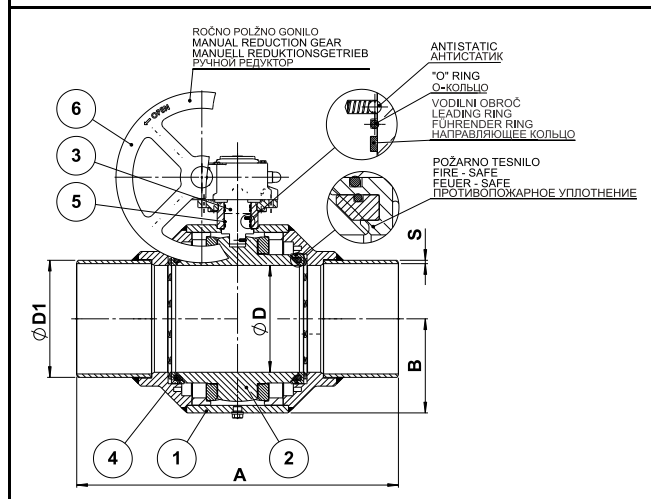
BALL VALVE KPV-G, WELDED

FULL BORE, DN25–DN300

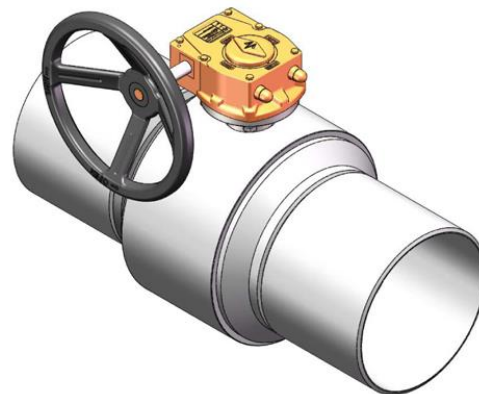
GAS



DN25–DN125



DN150–DN300



Working temperature -20 °C / +60 °C

Materials

1	Body	Carbon Steel – A105, P235TR2
2	Ball	Stainless Steel – X5CrNi18-10 (A304)
3	Stem	Stainless Steel – X20Cr13 (A420)
4	Seats	PTFE
5	O-Ring	Viton
6	Handle	Forged Aluminium – Al6061, option S235JR (RSt 37-2)

KPV-G DN ... PN40 DU VX PX

PN40

Art. nr.	DN	A	B	C	ØD	ØD1	G	s	Weight (kg)
A957123	25	270	33	76	25	33,7	158	2,6	3,00
A957124	32	270	35	108	32	42,4	180	2,6	4,50
A957125	40	270	41	114	40	48,3	180	2,6	5,00
A957126	50	300	50	128	50	60,3	222	2,9	9,00
A957127	65	360	65	160	63,5	76,1	293	2,9	14,00
A957128	80	390	75	170	78	88,9	293	3,2	19,00
A957129	100	450	93	185	99	114,3	293	3,6	33,00
A957130	125	525	115	260	124	139,7	1000	4,0	61,00
A957131	150	600	135	277	149	168,3	1000	4,5	89,00
A957132	200	600	176	—	200	219,1	—	6,3	149,00
A957145	250/200*	730	176	—	200	273,0	—	7,1	153,00
A957147	250	730	209,5	—	250	273,0	—	8,8	234,00
A957148	300	850	254	—	300	323,9	—	8,8	361,00

■ TRUNION MOUNTED BALL

Notes

Face to face dimensions according to DIN3202 S14 long. DN50 to DN300 with spring loaded washers.

DN150 to DN300 are with the manual gearbox.

Antistatic and fire safe design.

*DN250 – reduced bore.

KPV-G DN ... AN300 DU VX PX**ANSI Class 300**

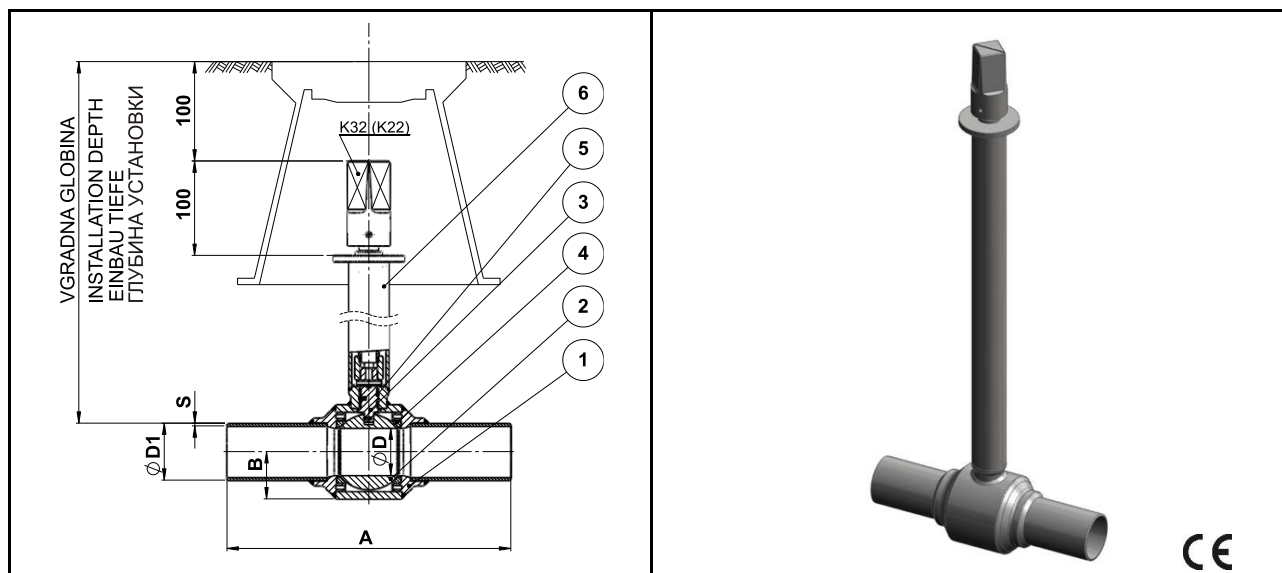
Št. art.	DN	A	B	C	ØD	ØD1	G	s	Teža (kg)
A956153	25	216	33	76	25	33,7	158	2,6	2,00
A956154	32	216	35	108	32	42,4	180	2,6	2,50
A956155	40	216	41	114	40	48,3	180	2,6	3,10
A956156	50	216	50	128	50	60,3	222	2,9	4,20
A956157	65	241	65	160	63,5	76,1	293	2,9	8,70
A956158	80	283	75	170	78	88,9	293	3,2	11,80
A956159	100	305	93	185	99	114,3	293	3,6	21,10
A956160	125	381	115	260	124	139,7	1000	4,0	50,30
A956161	150	457	135	277	149	168,3	1000	4,5	71,10
A956162	200	521	176	—	200	219,1	—	6,3	125,60
A956163	250	559	209,5	—	250	273,0	—	8,8	209,50
A956164	300	635	254	—	300	323,9	—	8,8	335,50

☐ TRUNION MOUNTED BALL

Notes

DN150 to DN300 are with the manual gearbox.
Antistatic and fire safe design.



BALL VALVE KPV-G**FULL BORE, UNDERGROUND INSTALLATION, DN25–DN200****GAS****Working temperature -20 °C / +60 °C****Materials**

1	Body	Carbon Steel – A105, P235TR2
2	Ball	Stainless Steel – X5CrNi18-10 (A304)
3	Stem	Stainless Steel – X20Cr13 (A420)
4	Seats	PTFE
5	O-Ring	Viton
6	Stem extension	Carbon Steel – P235TR1, A105

KPV-G DN ... PN40 DU VX PX PG0 K22**PN40**

Art. nr.	DN	A	B	ØD	ØD1	s	Weight (kg)
A957133	25	270	33	25	33,7	2,6	9,00
A957134	32	270	35	32	42,4	2,6	10,50
A957135	40	270	41	40	48,3	2,6	12,00
A957136	50	300	50	50	60,3	2,9	17,00
A957137	65	360	65	63,5	76,1	2,9	22,50
A957138	80	390	75	78	88,9	3,2	27,50
A957139	100	450	93	99	114,3	3,6	42,00

KPV-G DN ... PN40 DU VX PX PG0 S27**PN40**

Art. nr.	DN	A	B	ØD	ØD1	s	Weight (kg)
A957140	125	525	115	124	139,7	4,0	71,00
A957141	150	600	135	149	168,3	4,5	100,00
A957142	200	600	176	200	219,1	6,3	161,00

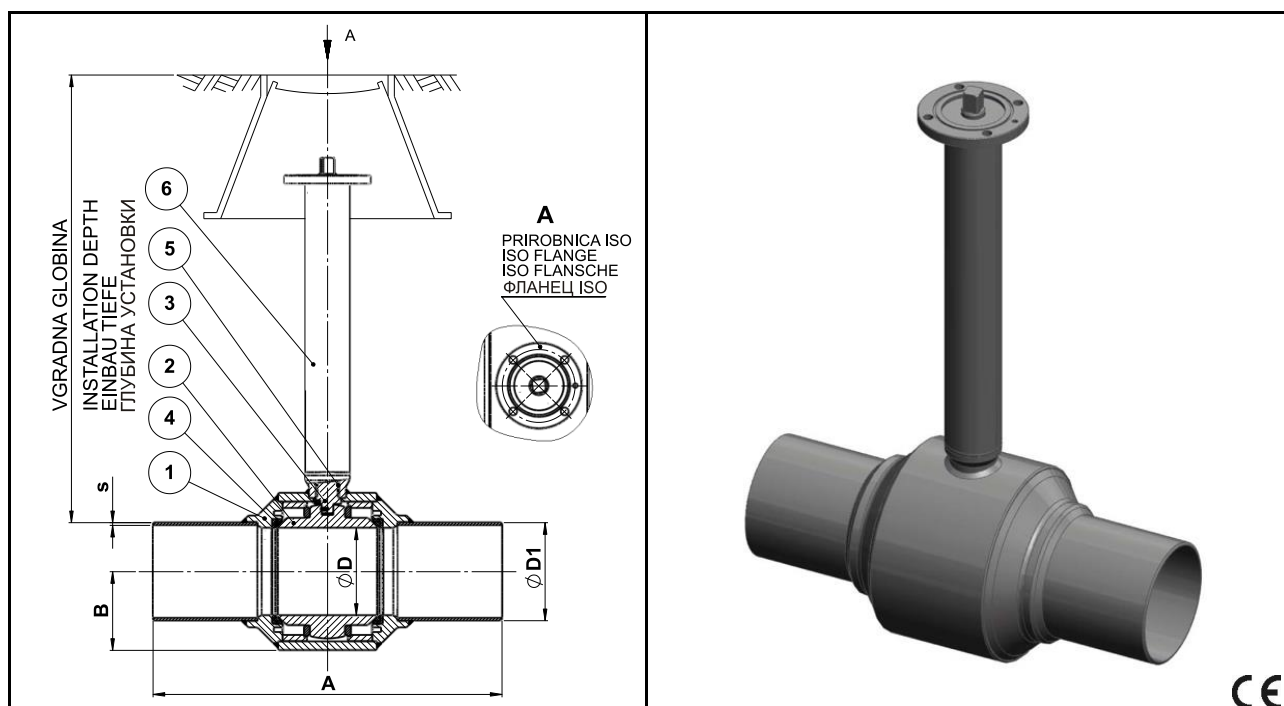
☐ TRUNION MOUNTED BALL
KPV-G DN ... PN40 DU VX PX PG0 K32**PN40**

Art. nr.	DN	A	B	ØD	ØD1	s	Weight (kg)
A957183	25	270	33	25	33,7	2,6	9,00
A957184	32	270	35	32	42,4	2,6	10,50
A957185	40	270	41	40	48,3	2,6	12,00
A957186	50	300	50	50	60,3	2,9	17,00
A957187	65	360	65	63,5	76,1	2,9	22,50
A957188	80	390	75	78	88,9	3,2	27,50
A957189	100	450	93	99	114,3	3,6	42,00
A957190	125	525	115	124	139,7	4,0	71,00
A957191	150	600	135	149	168,3	4,5	100,00

☐ TRUNION MOUNTED BALL
Notes

Installation depth is 1 m or as per request. DN50 to DN200 with spring loaded washers.
Antistatic and fire safe design.



BALL VALVE KPV-G**FULL BORE, UNDERGROUND INSTALLATION, DN25–DN300****GAS****Working temperature -20 °C/+60 °C****Materials**

1	Body	Carbon Steel – A105, P235TR2
2	Ball	Stainless Steel – X5CrNi18-10 (A304)
3	Stem	Stainless Steel – X20Cr13 (A420)
4	Seats	PTFE
5	O-Ring	Viton
6	Stem extension	Carbon Steel – P235TR1, A105

KPV-G DN ... PN40 DU VX PX PG0 F..**PN40**

Art. nr.	DN	F..	A	B	ØD	ØD1	s	Weight (kg)
A957503	25	F05	270	33	25	33,7	2,6	9,00
A957504	32	F05	270	35	32	42,4	2,6	10,50
A957505	40	F05	270	41	40	48,3	2,6	12,00
A957506	50	F05	300	50	50	60,3	2,9	17,00
A957507	65	F07	360	65	63,5	76,1	2,9	22,50
A957508	80	F07	390	75	78	88,9	3,2	27,50
A957509	100	F07	450	93	99	114,3	3,6	42,00
A957510	125	F12	525	115	124	139,7	4,0	71,00
A957511	150	F12	600	135	149	168,3	4,5	100,00
A957512	200	F12	600	176	200	219,1	6,3	161,00
A957513	250/200*	F12	730	176	200	273,0	7,1	165,00

KPV-G DN ... PN40 DU VX PX PG1 F..**PN40**

Art. nr.	DN	F..	A	B	ØD	ØD1	s	Weight (kg)
A957514	250	F14	730	209,5	250	273,0	8,8	263,00
A957515	300	F14	850	254	300	323,9	8,8	393,00

☐ TRUNION MOUNTED BALL
Notes

Installation depth is 1 m or as per request. DN50 to DN300 with spring loaded washers.

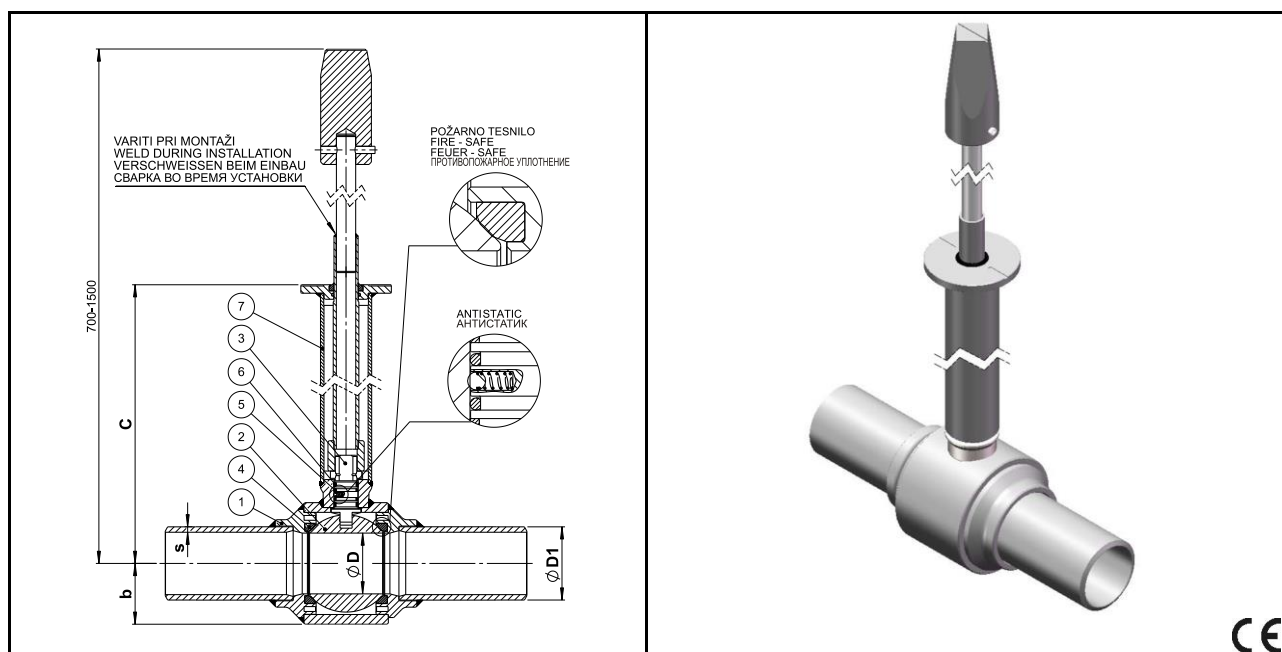
Antistatic and fire safe design.

DN200–DN300 are with manual gearbox.

DN250–DN300 underground extension – construction PG1 – with flange.

*DN250/200 – reduced bore.





Working temperature -20 °C/+60 °C

Materials

1	Body	Carbon Steel – A105, P235TR2
2	Ball	Stainless Steel – X5CrNi18-10 (A304)
3	Stem	Stainless Steel – X20Cr13 (A420)
4	Seats	PTFE
5	O-Ring	Viton
6	Leading ring	Turcite
7	Stem extension – telescopic	Carbon Steel – P235TR1, A105

KPV-G DN ... PN40 DU VX PX PG0 K24-30

PN40

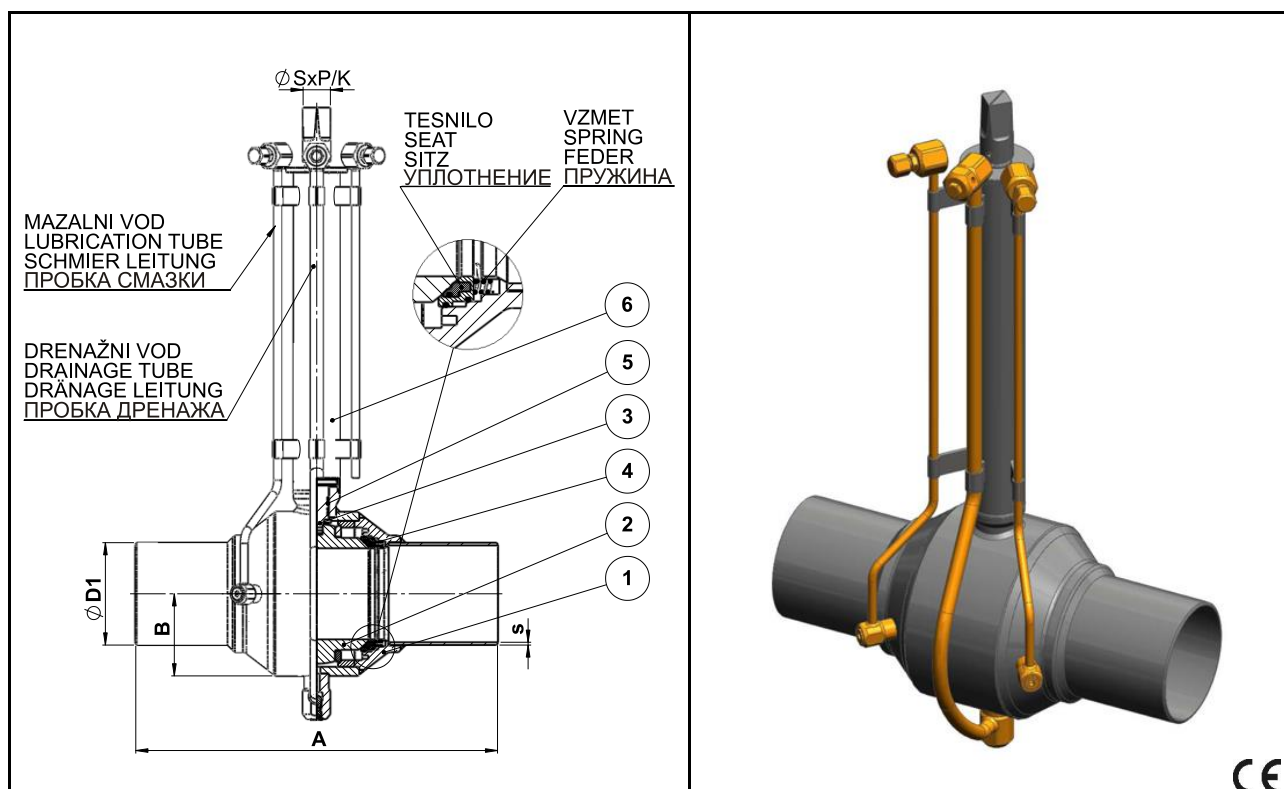
Art. nr.	DN	A	B	C	ØD	ØD1	s	Weight (kg)
A957543	25	270	33	379	25	33,7	4,05	4,4
A957544	32	270	35	384,5	32	42,4	2,6	5,7
A957545	40	270	41	390	40	48,3	2,6	6,5
A957546	50	300	50	400	50	60,3	4,5	8,2
A957547	65	360	65	402,5	63,5	76,1	2,9	13,6
A957548	80	390	75	412	78	88,9	3,2	17,9
A957549	100	450	93	422	99	114,3	3,6	33
A957550	125	525	115	436	124	139,7	4,0	63,5
A957551	150	600	135	453	149	168,3	4,5	73,5

☐ TRUNION MOUNTED BALL

Notes

DN50 to DN150 with spring loaded washers.
Antistatic and fire safe design.





Working temperature -20 °C/+60 °C

Materials

1	Body	Carbon Steel – A105, P235TR2
2	Ball	Stainless Steel – X5CrNi18-10 (A304)
3	Stem	Stainless Steel – X20Cr13 (A420)
4	Seats	PTFE
5	O-Ring	Viton
6	Stem extension	Carbon Steel – P235TR1, A105

KPV-G DN ... PN16 DU VX PX PG0 K32 I1 ST

PN16

Art. nr.	DN	A	B	ØD	ØD1	s	Shaft ØSxP/K	Weight (kg)
A905466	80	390	75	78	88,9	4,0	K32	32,50
A905280	100	450	93	99	114,3	5,0	K32	47,00

KPV-G DN ... PN16 DU VX PX PG0 F.. I1 ST**

PN16

Art. nr.	DN	F..	A	B	ØD	ØD1	s	Shaft ØSxP/K	Weight (kg)
A905365	100	F07	450	93	99	114,3	5,0	19x13	54,00
A905281	150	F12	600	135	149	168,3	4,5	23,8x19	76,00
A905179	200*	F12	600	176	200	219,1	6,3	K30	105,00
A905223	250*	F12	730	176	200	273,0	7,1	K30	166,00

☐ TRUNION MOUNTED BALL

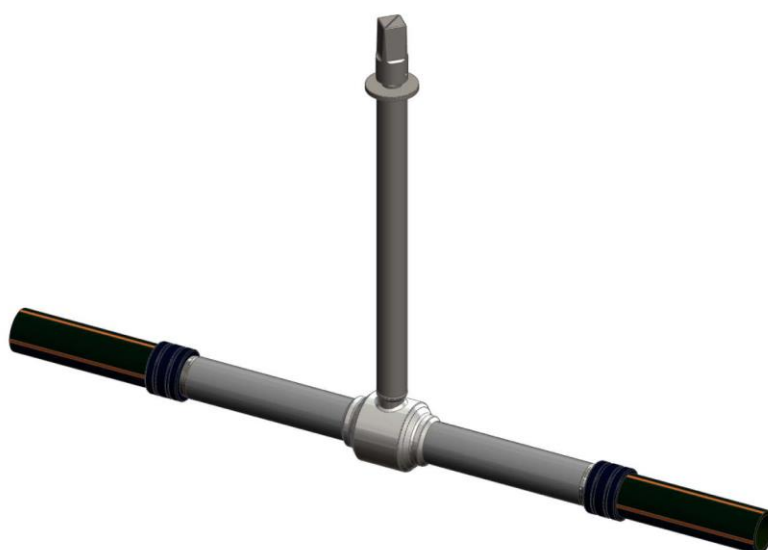
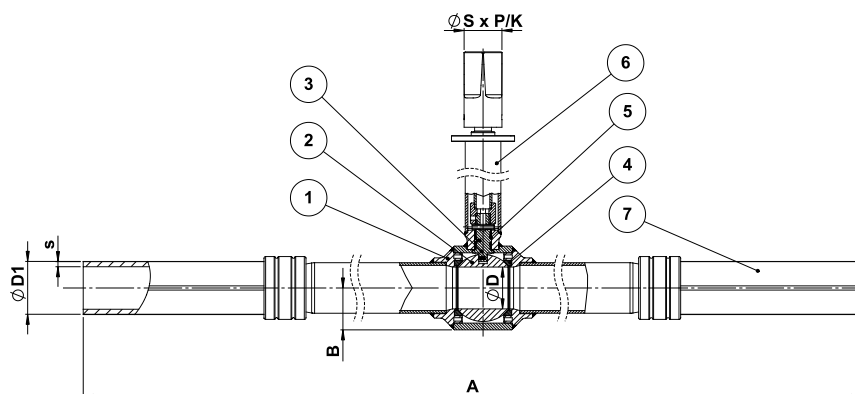
Notes

Antistatic and fire safe design. DN80 to DN250 with spring loaded washers.

*DN250 – reduced bore.

**With manual gearbox.





Working temperature -20 °C/+60 °C

Materials

1	Body	Carbon Steel – A105, P235TR2
2	Ball	Stainless Steel – X5CrNi18-10 (A304)
3	Stem	Stainless Steel – X20Cr13 (A420)
4	Seats	PTFE
5	O-Ring	Viton
6	Stem extension	Carbon Steel – P235TR1, A105
7	Transitional piece	Carbon Steel / Polyethylene – PE

KPV-G DN ... PN10 DY VX PX PG0

PN10

Art. nr.	DN PE Connection	DN Ball Valve	A (±20 mm)	B	ØD	ØD1	s	Shaft ØSxP/K	Weight (kg)
A905305	32	25	1065	33	25	33,7	3,0	17,8x14	9,80
A905118	40	32	1075	35	32	42,4	3,7	17,8x14	11,90
A905119	50	40	1065	41	40	48,3	4,6	17,8x14	14,20
A905120	63	50	1130	50	50	60,3	5,8	18x14	20,60
A905121	75	65	1165	65	63,5	76,1	6,8	23,8x19	27,60
A905122	90	80	1180	75	78	88,9	8,2	23,8x19	35,40
A905123	110	100	1210	93	99	114,3	10,0	23,8x19	53,00
A905419	160	150	1580	135	149	168,3	14,6	K30	114,40
A905487	225	200	1668	176	200	219,1	20,5	K30	178,20

☐ TRUNION MOUNTED BALL

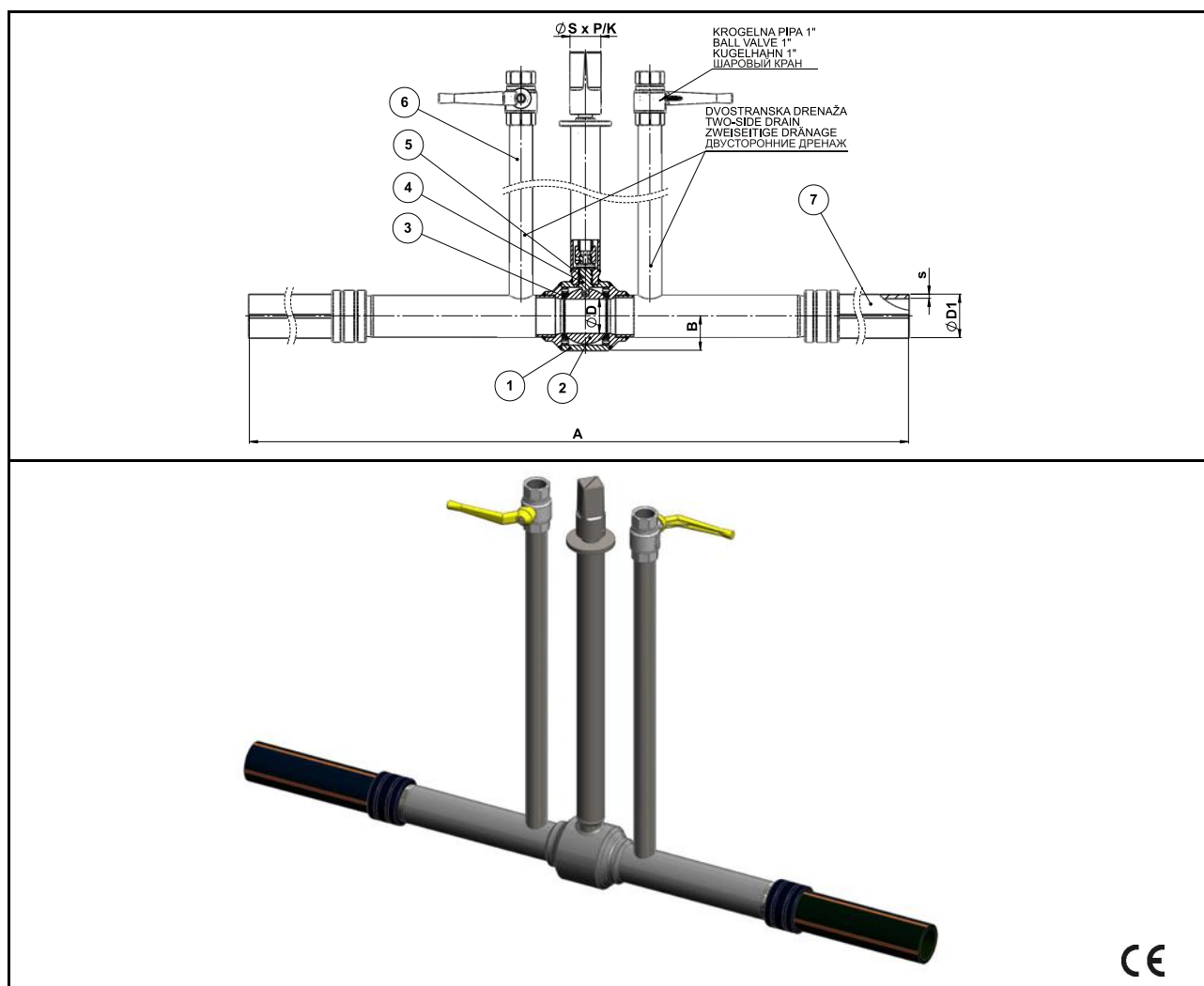
Notes

Antistatic and fire safe design. DN50 to DN200 with spring loaded washers.



BALL VALVE KPV-G, TRANSITIONAL PIECE STEEL – PE
FULL BORE, UNDERGROUND INSTALLATION, TWO SIDE DRAINAGE DN63–DN225

GAS



Working temperature -20 °C/+60 °C

Materials

1	Body	Carbon Steel – A105, P235TR2
2	Ball	Stainless Steel – X5CrNi18-10 (A304)
3	Stem	Stainless Steel – X20Cr13 (A420)
4	Seats	PTFE
5	O-Ring	Viton
6	Stem extension	Carbon Steel – P235TR1, A105
7	Transitional piece	Carbon Steel / Polyethylene – PE

KPV-G DN ... PN10 DY VX PX PG0 I2

PN10

Art. nr.	DN PE Connection	DN Ball Valve	A (±20 mm)	B	ØD	ØD1	s	Shaft ØSxP/K	Weight (kg)
A905478	63	50	1130	50	50	60,3	5,8	18x14	20,60
A905558	75	65	1165	65	63,5	76,1	6,8	23x19	27,60
A905479	90	80	1180	75	78	88,9	8,2	23x19	35,40
A905431	125	100	1210	93	99	114,3	11,4	23x19	53,00
A905432	180	150	1580	135	149	168,3	16,4	K30	114,40
A905482	225	200	1660	176	200	219,1	20,5	K30	178,20

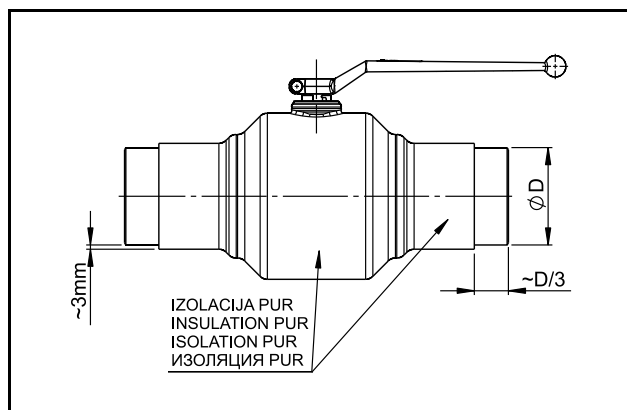
☐ TRUNION MOUNTED BALL

Notes

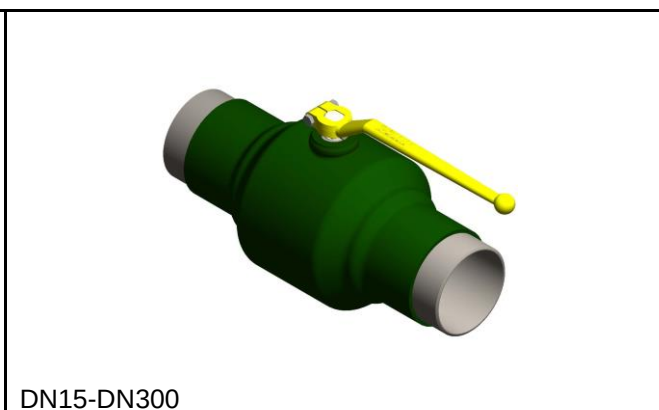
Antistatic and fire safe design. DN50 to DN200 with spring loaded washers.



INSULATION PUR BALL VALVE KPV, KPT



DN15-DN300

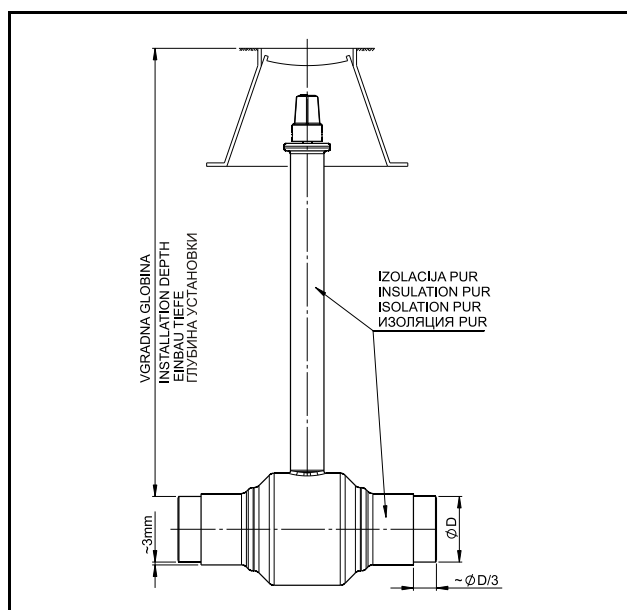


Working temperature: -20 °C/+60 °C

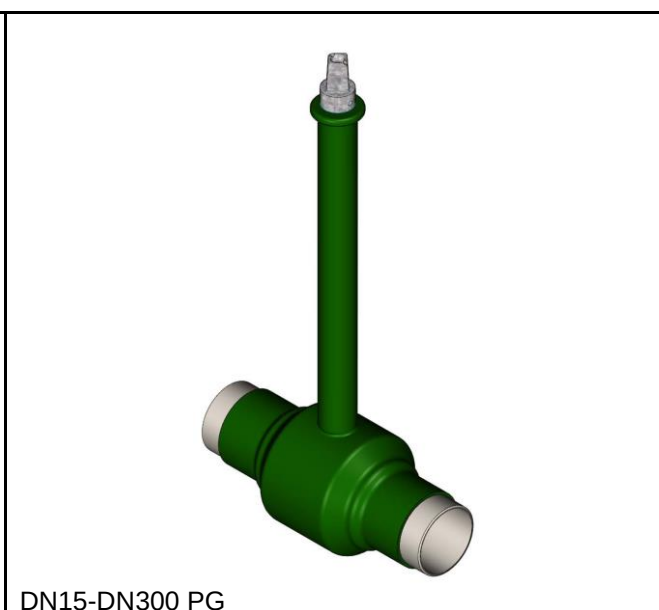
Materials

1	Ball valve	Carbon Steel – A105, P235TR2
2	Anti-corrosion protection	PUR

Art. nr.	DN
A071627	15-300



DN15-DN300 PG



Working temperature: -20 °C/+60 °C

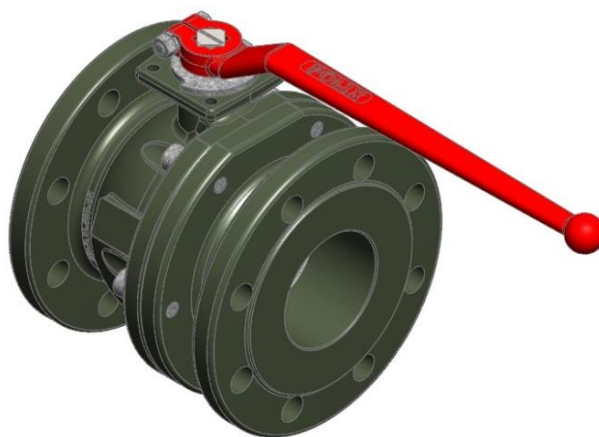
Materials

1	Ball valve	Carbon Steel – A105, P235TR2
2	Stem extension	Carbon Steel – P235TR1, A105
3	Anti-corrosion protection	PUR

Art. nr.	DN
A071628	15-300PG

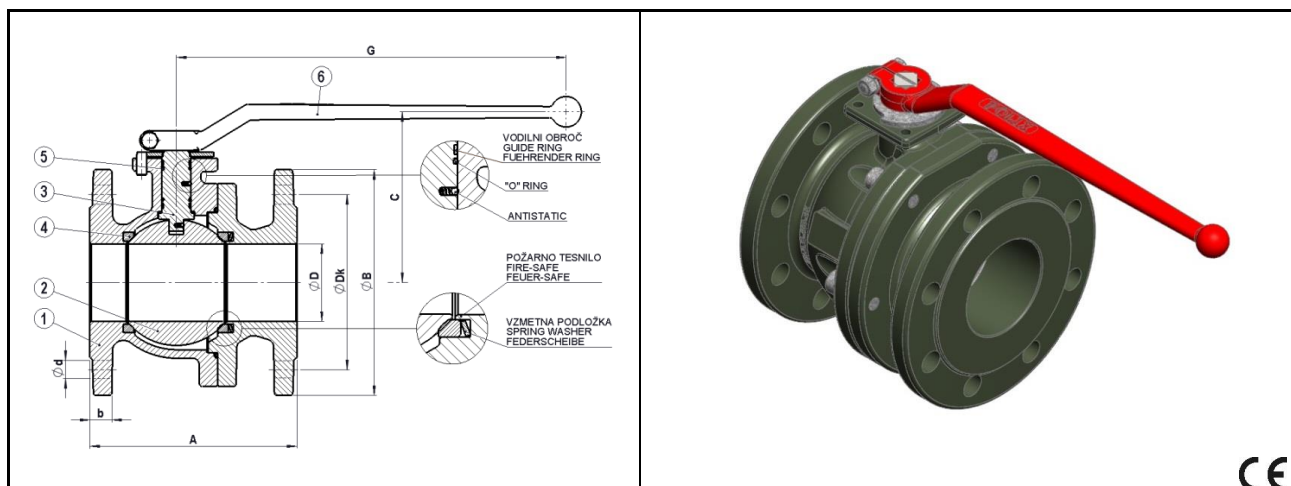


1.2 BALL VALVES FOR ABRASSIVE MEDIUMS



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Working temperature: -20 °C/+100 °C

Materials

1	Body	Ductile Iron – EN-GJS-400-15 (GGG40)
2	Ball	Stainless Steel – X5CrNi18-10 (A304)
3	Stem	Stainless Steel – X20Cr13 (A420)
4	Seats	Brass – CuSn5Pb5ZN5
5	O-Ring	PTFE
6	Handle	Forged Aluminium – Al6061, option S235JR (RSt 37-2)

KPN DN ... PN16 DP PX MX - ISO

PN16

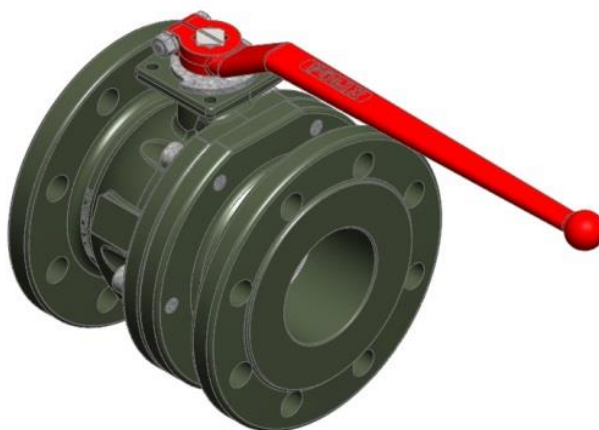
Art. nr.	DN	A	ØB	C	ØD	G	b	ØDk	Ød	Nr.	Top flange ISO	Shaft K x h	Weight (kg)
A954271	15	115	95	67	16	150	17	65	14	4	F03	11 x 13,5	2,00
A954272	20	120	105	74	20	150	18	75	14	4	F03	11 x 13,5	3,30
A954273	25	125	115	83	25	158	18	85	14	4	F04	11 x 13,5	3,60
A954274	32	130	140	102	32	180	18	100	18	4	F05	14 x 18	5,40
A954275	40	140	150	107	40	180	18	110	18	4	F05	14 x 18	6,70
A950456	50	150	165	120,5	50	210	20	125	18	4	F05	14 x 18	8,90
A950457	65	170	185	140	63,5	320	18	145	18	4	F07	17 x 23	14,63
A950458	80	180	200	151	78	320	20	160	18	8	F07	17 x 23	20,11
A950459	100	190	220	166	99	320	20	180	18	8	F07	17 x 23	26,00
A950460	125	325	250	201	124	500	22	210	18	8	F10	22 x 27	50,00
A950461	150	350	285	218	149	500	22	240	22	8	F10	22 x 27	69,50

Notes

Face to face dimensions conform to DIN3202 F18.
 Antistatic and fire safe design.



1.3 BALL VALVES FOR WATER AND OTHER MEDIUMS



Page: 29 - 49



BALL VALVE KPN - ISO FULL BORE, DN15-DN300

	DN15-DN50 CE
	DN65-DN100 CE
	DN125-DN150 CE
	DN200-DN300 CE

Working temperature: -20 °C/+180 °C**Materials**

1	Body	Ductile Iron – EN-GJS-400-15 (GGG40)
2	Ball	Stainless Steel – X5CrNi18-10 (A304)
3	Stem	Stainless Steel – X20Cr13 (A420)
4	Seats	PTFE
5	O-Ring	PTFE
6	Handle	Forged Aluminium – Al6061, option S235JR (RSt 37-2)

KPN DN ... PN16 DP PX PX - ISO**PN16**

Art. nr.	DN	A	ØB	C	ØD	G	b	ØDk	Ød	Nr.	Top flange ISO	Shaft K x h	Weight (kg)
A954221	15	115	95	72	13	158	16	65	14	4	F03	11 x 13,5	2,00
A954222	20	120	105	82	19,5	158	18	75	14	4	F03	11 x 13,5	3,30
A954223	25	125	115	83	25	158	18	85	14	4	F04	11 x 13,5	3,60
A954224	32	130	140	102	32	180	18	100	18	4	F05	14 x 18	5,40
A954225	40	140	150	107	40	180	18	110	18	4	F05	14 x 18	6,70
A950476	50	150	165	120,5	50	210	20	125	18	4	F05	14 x 18	8,90
A950477	65	170	185	140	63,5	320	18	145	18	4	F07	17 x 23	14,70
A950478	80	180	200	151	78	320	20	160	18	8	F07	17 x 23	20,11
A950479	100	190	220	166	99	320	20	180	18	8	F07	17 x 23	26,00
A950480	125	325	250	201	124	500	22	210	18	8	F10	22 x 27	50,00
A950481	150	350	285	218	149	500	22	240	22	8	F10	22 x 27	69,50
A950036	200	400	340		200		24	295	22	12	F12	22 x 27	144,00
A950037	250	450	405		250		26	355	26	12	F14	K36	235,00
A950038	300	500	460		300		29	410	26	12	F14/16	K36	329,00

KPN DN ... PN40 DP PX PX - ISO**PN40**

Art. nr.	DN	A	ØB	C	ØD	G	b	ØDk	Ød	Nr.	Top flange ISO	Shaft K x h	Weight (kg)
A954231	15	115	95	72	13	158	16	65	14	4	F03	11 x 13,5	2,00
A954232	20	120	105	82	19,5	158	18	75	14	4	F03	11 x 13,5	3,30
A954233	25	125	115	83	25	158	18	85	14	4	F04	11 x 13,5	3,60
A954234	32	130	140	102	32	180	18	100	18	4	F05	14 x 18	5,40
A954235	40	140	150	107	40	180	18	110	18	4	F05	14 x 18	6,90
A950496	50	150	165	120,5	50	210	20	125	18	4	F05	14 x 18	8,90
A950497	65	170	185	140	63,5	320	18	145	18	8	F07	17 x 23	14,70
A950498	80	180	200	151	78	320	20	160	18	8	F07	17 x 23	20,11
A951329	100*	190	235	166	99	445	20	190	22	8	F07	17 x 23	26,00

 TRUNION MOUNTED BALL

Notes

DN50 to DN300 with spring loaded washers.

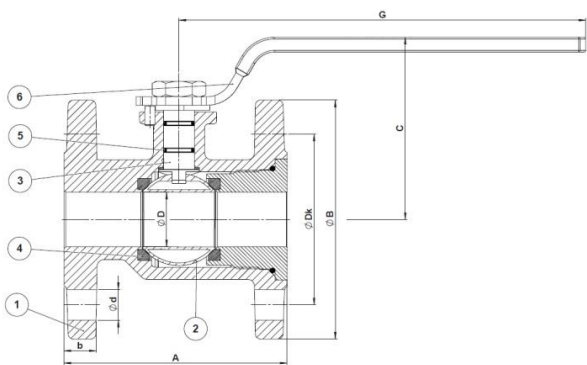
Face to face dimensions conform to DIN3202 F18.

DN200 – DN300 are with manual gearbox.

Antistatic and fire safe design.

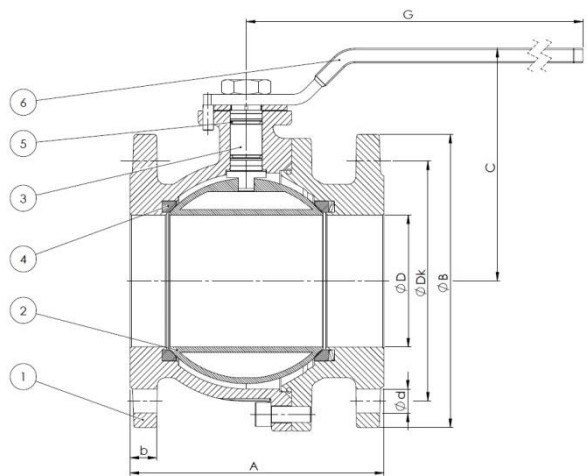
*Body made of Carbon Steel – A105, P235TR2.

BALL VALVE KPC - ISO
FULL BORE, DN25–DN200



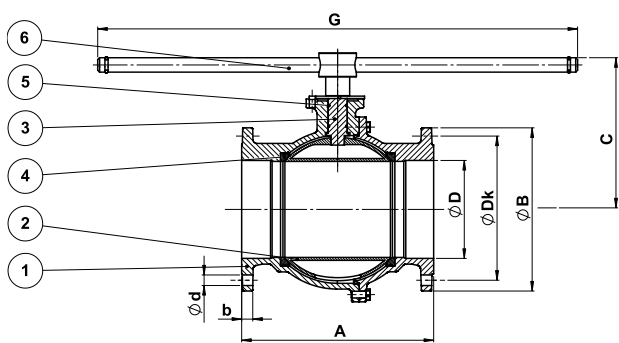
DN25–DN50

CE



DN65–DN150

CE



DN200

CE

Working temperature -20 °C/+100 °C**Materials**

1	Body	Ductile Iron – EN-GJS-400-15 (GGG40)
2	Ball	Brass – CuZn40Pb2 (Ms 58)
3	Stem	Stainless Steel – X20Cr13 (A420)
4	Seats	PTFE
5	O-Ring	NBR
6	Handle	Carbon steel (Galvanised) – S235JR (RSt 37-2)

KPC DN ... PN16 DP NX PB - ISO**PN16**

Art. nr.	DN	A	ØB	C	ØD	G	b	ØDk	Ød	Nr.	Top flange ISO	Shaft K x h	Weight (kg)
A954243	25	125	115	76	25	150	18	85	14	4	F03	11 x 13,5	3,30
A954244	32	130	140	92	31	235	18	100	18	4	F04	14 x 18	5,40
A954245	40	140	150	97	39	235	18	110	18	4	F05	14 x 18	6,70
A954246	50	150	165	105	49	271	20	125	18	4	F05	14 x 18	8,90
A954247	65	170	185	124	63	288	18	145	18	4	F07	17 x 23	14,70
A954248	80	180	200	133	76	288	20	160	18	8	F07	17 x 23	20,10
A954249	100	190	220	153	100	288	20	180	18	8	F07	17 x 23	26,00
A954250	125	200	250	183	125	541	22	210	18	8	F10	22 x 27	30,00
A954333	125	325*	250	183	125	541	22	210	18	8	F10	22 x 27	34,70
A954331	150	210	285	203	150	541	22	240	22	8	F10	22 x 27	38,00
A954334	150	350*	285	203	150	541	22	240	22	8	F10	22 x 27	45,30
A954332	200	400*	340	316	200	1000	24	295	22	12	F12	22 x 27	85,00

KPC DN ... PN40 DP NX PB - ISO**PN40**

Art. nr.	DN	A	ØB	C	ØD	G	b	ØDk	Ød	Nr.	Top flange ISO	Shaft K x h	Weight (kg)
A954243	25	125	115	76	25	150	18	85	14	4	F03	11 x 13,5	3,30
A954244	32	130	140	92	31	235	18	100	18	4	F04	14 x 18	5,40
A954245	40	140	150	97	39	235	18	110	18	4	F05	14 x 18	6,70
A954246	50	150	165	105	49	271	20	125	18	4	F05	14 x 18	8,90

Working temperature -20 °C/+150 °C**Materials**

1	Body	Ductile Iron – EN-GJS-400-15 (GGG40)
2	Ball	Brass – CuZn40Pb2 (Ms 58)
3	Stem	Stainless Steel – X20Cr13 (A420)
4	Seats	PTFE
5	O-Ring	EPDM
6	Handle	Carbon steel (Galvanised) – S235JR (RSt 37-2)

KPC DN ... PN16 DP EX PB - ISO**PN16**

Art. nr.	DN	A	ØB	C	ØD	G	b	ØDk	Ød	Nr.	Top flange ISO	Shaft K x h	Weight (kg)
A954253	25	125	115	76	25	150	18	85	14	4	F03	11 x 13,5	3,30
A954254	32	130	140	92	31	235	18	100	18	4	F04	14 x 18	5,40
A954255	40	140	150	97	39	235	18	110	18	4	F05	14 x 18	6,70
A954256	50	150	165	105	49	271	20	125	18	4	F05	14 x 18	8,90
A954257	65	170	185	124	63	288	18	145	18	4	F07	17 x 23	14,70
A954258	80	180	200	133	76	288	20	160	18	8	F07	17 x 23	20,10
A954259	100	190	220	153	100	288	20	180	18	8	F07	17 x 23	26,00
A954260	125	200	250	183	125	541	22	210	18	8	F10	22 x 27	30,00
A954343	125	325*	250	183	125	541	22	210	18	8	F10	22 x 27	34,70
A954341	150	210	285	203	150	541	22	240	22	8	F10	22 x 27	38,00
A954344	150	350*	285	203	150	541	22	240	22	8	F10	22 x 27	45,30
A952024	200	400*	340	316	200	1000	24	295	22	12	F12	22 x 27	85,00

KPC DN ... PN40 DP EX PB - ISO**PN40**

Art. nr.	DN	A	ØB	C	ØD	G	b	ØDk	Ød	Nr.	Top flange ISO	Shaft K x h	Weight (kg)
A954253	25	125	115	76	25	150	18	85	14	4	F03	11 x 13,5	3,30
A954254	32	130	140	92	31	235	18	100	18	4	F04	14 x 18	5,40
A954255	40	140	150	97	39	235	18	110	18	4	F05	14 x 18	6,70
A954256	50	150	165	105	49	271	20	125	18	4	F05	14 x 18	8,90

Working temperature -20 °C/+180 °C

Materials

1	Body	Ductile Iron – EN-GJS-400-15 (GGG40)
2	Ball	Brass – CuZn40Pb2 (Ms 58)
3	Stem	Stainless Steel – X20Cr13 (A420)
4	Seats	PTFE
5	O-Ring	PTFE + EPDM
6	Handle	Carbon steel (Galvanised) – S235JR (RSt 37-2)

KPC DN ... PN6 DP PX PB - ISO

PN6

Art. nr.	DN	A	ØB	C	ØD	G	b	ØDk	Ød/M**	Nr.	Top flange ISO	Shaft K x h	Weight (kg)
A954363	25	125	100	76	25	150	18	75	11/M10	4	F03	11 x 13,5	3,30
A954364	32	130	120	92	31	235	18	90	14/M12	4	F04	14 x 18	5,40
A954365	40	140	130	97	39	235	18	100	14/M12	4	F05	14 x 18	6,70
A954366	50	150	140	105	49	271	20	110	14/M12	4	F05	14 x 18	8,90
A954367	65	170	160	124	63	288	18	130	14	4	F07	17 x 23	14,70
A954368	80	180	190	133	76	288	20	150	18	4	F07	17 x 23	20,10
A954369	100	190	210	153	100	288	20	170	18	4	F07	17 x 23	26,00
A954370	125	200	240	183	125	541	22	200	M16	8	F10	22 x 27	30,00
A954371	150	210	265	203	150	541	22	225	M16	8	F10	22 x 27	38,00

Notes

**M – thread

KPC DN ... PN16 DP PX PB - ISO

PN16

Art. nr.	DN	A	ØB	C	ØD	G	b	ØDk	Ød	Nr.	Top flange ISO	Shaft K x h	Weight (kg)
A954263	25	125	115	76	25	150	18	85	14	4	F03	11 x 13,5	3,30
A954264	32	130	140	92	31	235	18	100	18	4	F04	14 x 18	5,40
A954265	40	140	150	97	39	235	18	110	18	4	F05	14 x 18	6,70
A954266	50	150	165	105	49	271	20	125	18	4	F05	14 x 18	8,90
A954267	65	170	185	124	63	288	18	145	18	4	F07	17 x 23	14,70
A954268	80	180	200	133	76	288	20	160	18	8	F07	17 x 23	20,10
A954269	100	190	220	153	100	288	20	180	18	8	F07	17 x 23	26,00
A954270	125	200	250	183	125	541	22	210	18	8	F10	22 x 27	30,00
A954353	125	325*	250	183	125	541	22	210	18	8	F10	22 x 27	34,70
A954351	150	210	285	203	150	541	22	240	22	8	F10	22 x 27	38,00
A954354	150	350*	285	203	150	541	22	240	22	8	F10	22 x 27	45,30
A952036	200	400*	340	316	200	1000	24	295	22	12	F12	K30	85,00

KPC DN ... PN40 DP PX PB - ISO

PN40

Art. nr.	DN	A	ØB	C	ØD	G	b	ØDk	Ød	Nr.	Top flange ISO	Shaft K x h	Weight (kg)
A954263	25	125	115	76	25	150	18	85	14	4	F03	11 x 13,5	3,30
A954264	32	130	140	92	31	235	18	100	18	4	F04	14 x 18	5,40
A954265	40	140	150	97	39	235	18	110	18	4	F05	14 x 18	6,70
A954266	50	150	165	105	49	271	20	125	18	4	F05	17 x 23	8,90

Notes

Article numbers for DN25–DN50 are the same for PN16 and PN40 and are always declared as PN40.

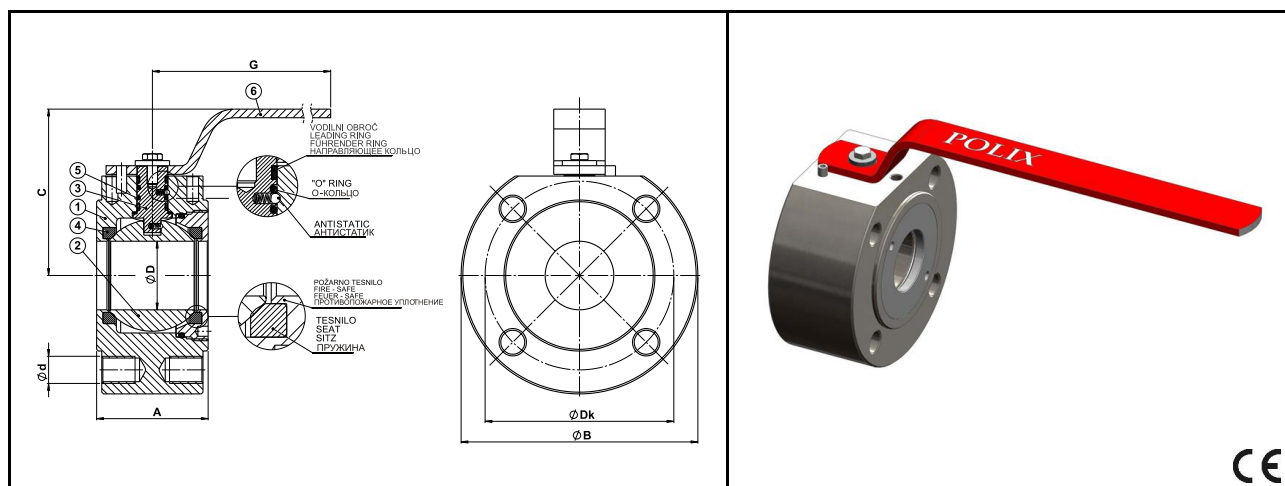
Face to face dimensions conform to DIN3202 F4.

*Face to face dimensions conform to DIN3202 F5.



BALL VALVE KPA

FULL BORE, DN15–DN200



Materials

1	Body	Carbon Steel – A105
2	Ball	Stainless Steel – X5CrNi18-10 (A304)
3	Stem	Stainless Steel – X20Cr13 (A420)
4	Seats	PTFE
5	O-Ring	PTFE + EPDM
6	Handle	Carbon steel (Galvanised) – S235JR (RSt 37-2)

Working temperature -20 °C/+180 °C

KPA DN ... PN16 DP PX PX

PN16

Art. nr.	DN	A	ØB	C	ØD	G	ØDk	Ød	Nr.	Weight (kg)
A955025	15	39	88	80	16	150	65	M12	4	2,80
A955026	20	39	98	80	20	150	75	M12	4	2,90
A955027	25	42	110	76	25	158	85	M12	4	3,00
A955028	32	55	130	108	32	180	100	M16	4	4,50
A955029	40	65	140	114	40	180	110	M16	4	6,50
A955030	50	80	150	128	50	222	125	M16	4	11,00
A955031	65	100	175	160	63,5	293	145	M16	4	15,00
A955032	80	120	190	170	78	293	160	M16	8	20,00
A955033	100	140	220	185	99	293	180	M16	8	28,50
A955010	125	175	296	194	125	541	210	M16	8	35,00
A955035	150	210	330	213	150	541	240	M20	8	97,00
A955036	200	270	435	310	200	1000	295	M20	12	179,00

KPA DN ... PN40 DP PX PX

PN40

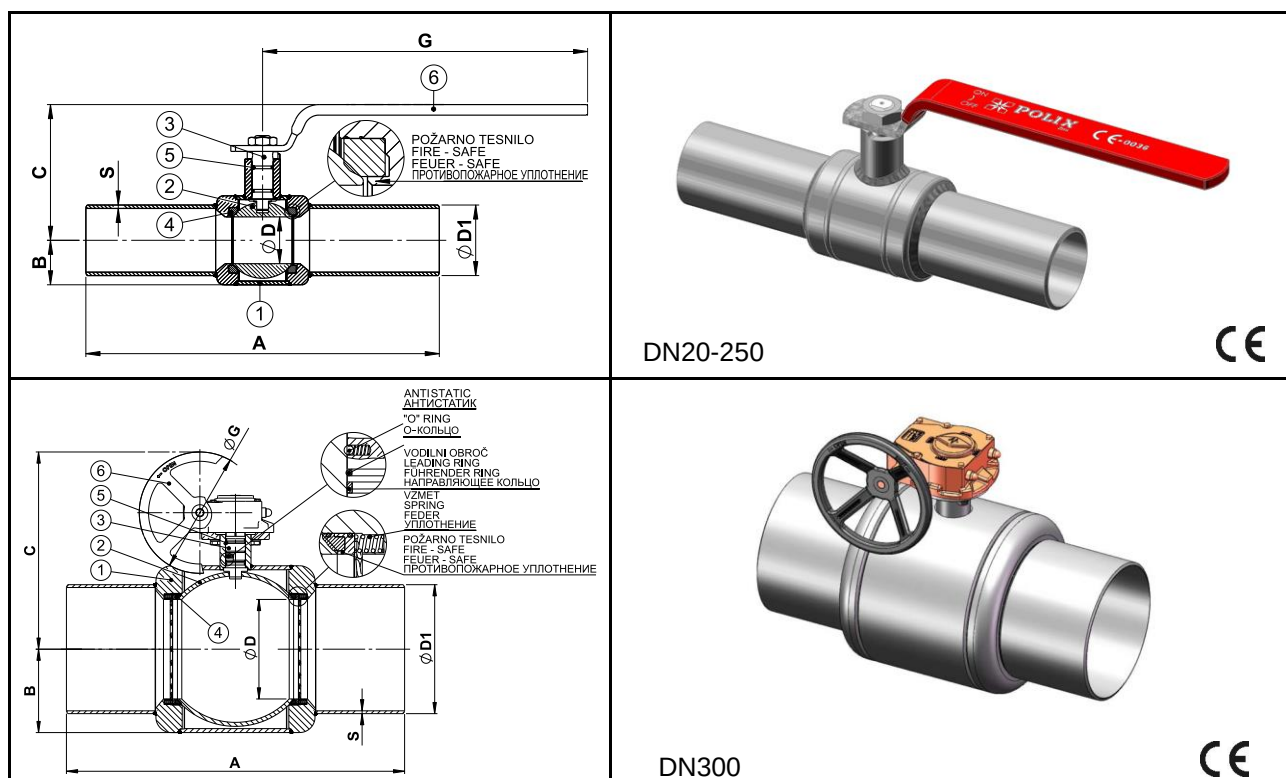
Art. nr.	DN	A	ØB	C	ØD	G	ØDk	Ød	Nr.	Weight (kg)
A955025	15	39	88	80	16	150	65	M12	4	2,80
A955026	20	39	98	80	20	150	75	M12	4	2,90
A955027	25	42	110	76	25	158	85	M12	4	3,00
A955028	32	55	130	108	32	180	100	M16	4	4,50
A955029	40	65	140	114	40	180	110	M16	4	6,50
A955030	50	80	150	128	50	222	125	M16	4	11,00
A955060	65	100	175	160	63,5	293	145	M16	8	15,00
A955059	80	120	190	170	78	293	160	M16	8	20,00
A955086	100	140	220	185	99	293	190	M20	8	28,50

Notes

Article numbers for DN15–DN50 are the same for PN16 and PN40 are always declared as PN40.
Antistatic and fire safe design.



BALL VALVE KPT, WELDED **REDUCED BORE, DN20–DN300**



Working temperature -20 °C/+200 °C

Materials

1	Body	Carbon Steel – A105, P235TR2
2	Ball	Stainless Steel – X5CrNi18-10 (A304)
3	Stem	Stainless Steel – X20Cr13 (A420)
4	Seats	PTFE
5	O-Ring	PTFE + VITON
6	Handle	Carbon steel (Galvanised) – S235JR (RSt 37-2)

KPT DN ... PN40 RU PX PX

Art. nr.	DN	A	B	C	ØD	ØD1	G	S	Weight (kg)
A958102	20	270	16,9	71,6	15,8	26,9	161	2,6	0,81
A958103	25	270	21,2	82,7	20	33,7	161	2,6	1,05
A958104	32	270	24,2	90,3	25	42,4	161	2,6	1,35
A958105	40	270	30,2	108,3	31	48,3	237	2,9	1,91
A958106	50	300	38,1	116	40	60,3	276	2,9	3,78
A958107	65	360	44,5	122,5	50	76,1	276	3,2	5,37
A958108	80	390	57,2	148,6	63,5	88,9	340	3,2	9,19
A958109	100	450	69,9	160,6	78	114,3	340	3,6	14,40
A958110	125	525	84,2	174,6	99	139,7	340	4,0	22,22
A958111	150	600	109,6	219	125	168,3	545	4,5	33,45
A958112	200	600	136,5	246	150	219,1	545	6,3	56,00
A958113	250	730	177,8	322,5	200	273	1000	6,3	116,5
A958114	300	850	209,5	495	250	323,9	Ø305	7,1	176,2

MAXIMUM ALLOWABLE PRESSURE: DN65-DN125 = 25 bar
 DN150-DN300 = 16 bar

Notes

Face to face dimensions conform to DIN3202 S14.

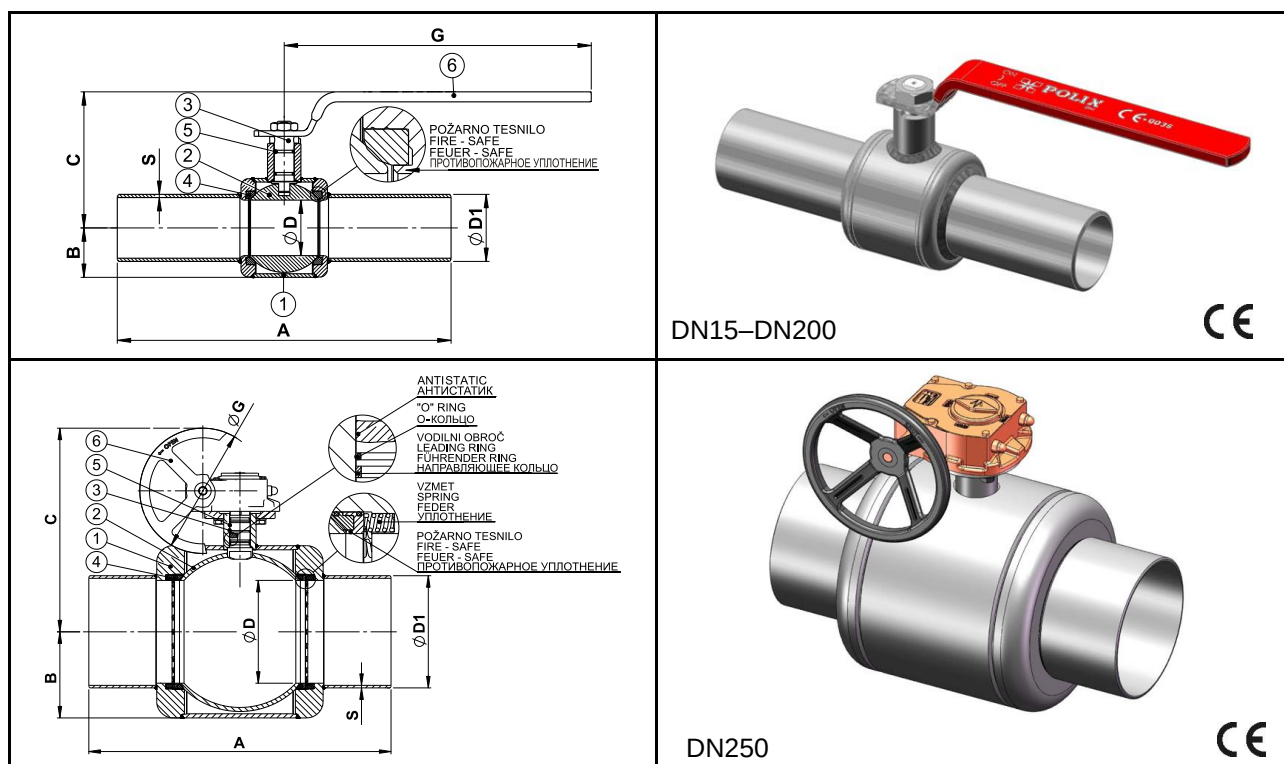
Fire safe design

DN300: - spring loaded washers

- antistatic design

- manual gearbox

BALL VALVE KPT, WELDED **FULL BORE, DN15–DN250**



Working temperature -20 °C/+200 °C

Materials

1	Body	Carbon Steel – A105, P235TR2
2	Ball	Stainless Steel – X5CrNi18-10 (A304)
3	Stem	Stainless Steel – X20Cr13 (A420)
4	Seats	PTFE
5	O-Ring	PTFE + VITON
6	Handle	Carbon steel (Galvanised) – S235JR (RSt 37-2)

KPT DN ... PN40 DU PX PX

PN40

Art. nr.	DN	A	B	C	ØD	ØD1	G	S	Weight (kg)
A958001	15	270	16,9	72,4	15,9	21,3	161	2,6	0,71
A958002	20	270	21,2	82,6	20	26,9	161	2,6	0,95
A958003	25	270	24,2	90,3	25	33,7	161	2,6	1,34
A958004	32	270	30,2	108,3	31	42,4	237	2,9	2,40
A958005	40	270	38,1	116	40	48,3	276	2,9	3,63
A958006	50	300	44,5	122,5	50	60,3	276	2,9	5,33
A958007	65	360	57,2	148,6	63,5	76,1	340	3,2	10,28
A958008	80	390	69,9	160,6	78	88,9	340	3,2	15,68
A958009	100	450	84,2	174,6	99	114,3	340	3,6	19,86
A958010	125	525	109,6	219	125	139,7	545	4,0	26,74
A958011	150	600	136,5	246	150	168,3	545	4,5	40,23
A958012	200	600	177,8	348	200	219,1	1000	6,3	80,41
A958013	250	730	209,5	495	250	273	Ø305	6,3	168,50

MAXIMUM ALLOWABLE PRESSURE: DN65-DN125 = 25 bar
 DN150-DN250 = 16 bar

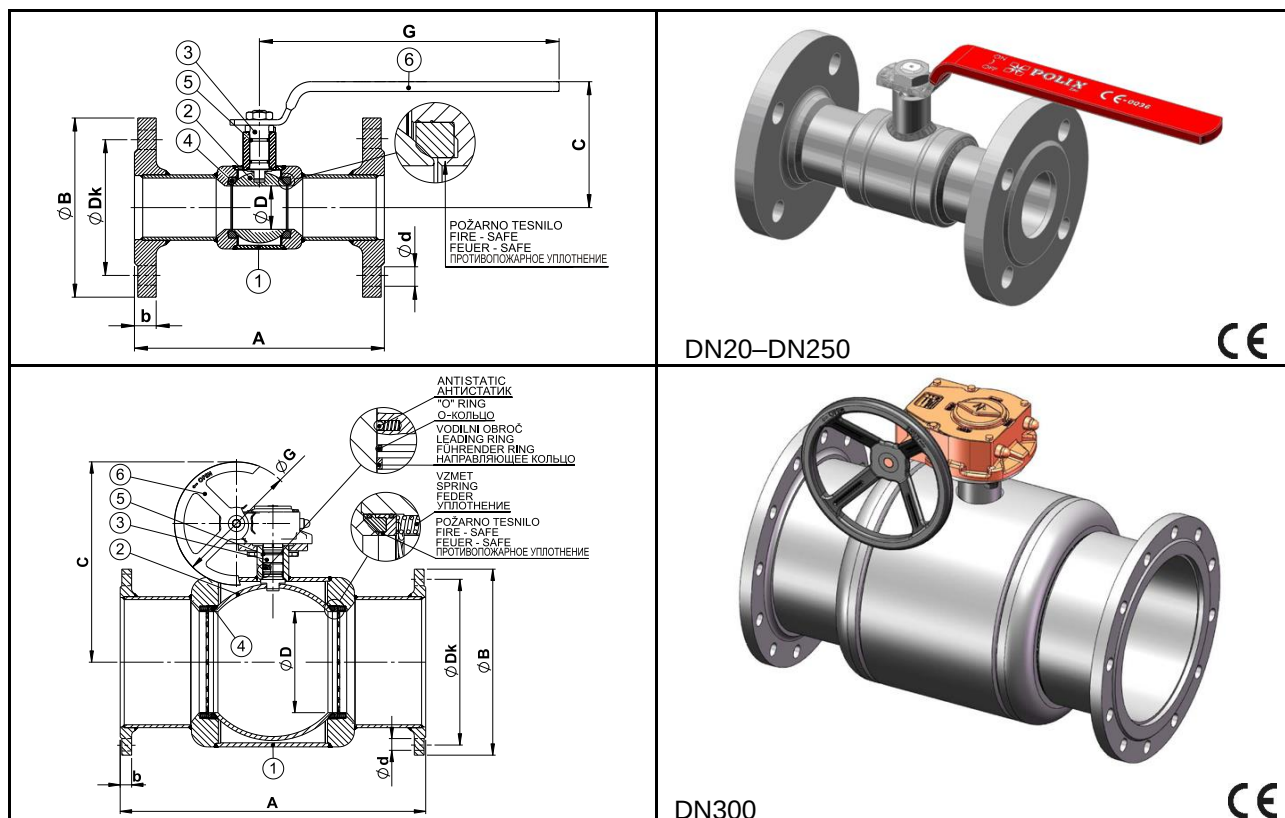
Notes

Face to face dimensions conform to DIN3202 S14.

Fire safe design

DN250: - spring loaded washers
 - antistatic design
 - manual gearbox

BALL VALVE KPT, FLANGED **REDUCED BORE, DN20–DN300**



Working temperature -20 °C/+200 °C

Materials

1	Body	Carbon Steel – A105, P235TR2
2	Ball	Stainless Steel – X5CrNi18-10 (A304)
3	Stem	Stainless Steel – X20Cr13 (A420)
4	Seats	PTFE
5	O-Ring	PTFE + VITON
6	Handle	Carbon steel (Galvanised) – S235JR (RSt 37-2)

KPT DN ... PN16 RP PX PX

PN16

Art. nr.	DN	A	ØB	C	ØD	G	b	ØDk	Ød	Nr.	Weight (kg)
A958702	20	150	105	71,6	15,9	161	16	75	14	4	2,17
A958703	25	160	115	82,6	20	161	16	85	14	4	2,68
A958704	32	180	140	90,3	25	161	16	100	18	4	3,82
A958705	40	200	150	108,3	31	237	16	110	18	4	5,02
A958706	50	230	165	116	40	276	18	125	18	4	7,68
A958707	65	290	185	122,5	50	276	18	145	18	4	10,12
A958708	80	310	200	148,6	63,5	340	20	160	18	8	15,12
A958709	100	350	220	160,6	78	340	20	180	18	8	22,36
A958710	125	400	250	174,6	99	340	22	210	18	8	33,32
A958311	150	450	285	219	125	545	22	240	22	8	43,43
A958312	200	550	340	246	150	545	24	295	22	12	71,93
A958313	250	650	405	322,5	200	1000	26	355	26	12	139,73
A958314	300	750	460	495	250	Ø305	28	410	26	12	201,00

KPT DN ... PN40 RP PX PX

PN40

Art. nr.	DN	A	ØB	C	ØD	G	b	ØDk	Ød	Nr.	Weight (kg)
A958302	20	150	105	71,6	15,9	161	18	75	14	4	2,57
A958303	25	160	115	82,6	20	161	18	85	14	4	3,18
A958304	32	180	140	90,3	25	161	18	100	18	4	4,52
A958305	40	200	150	108,3	31	237	18	110	18	4	5,52
A958306	50	230	165	116	40	276	20	125	18	4	8,58
A958307	65	290	185	122,5	50	276	22	145	18	8	11,52
A958308	80	310	200	148,6	63,5	340	24	160	18	8	16,92
A958309	100	350	235	160,6	78	340	24	190	22	8	24,46
A958310	125	400	270	174,6	99	340	26	220	26	8	35,72
A958711	150	450	300	219	125	545	28	250	26	8	45,43
A958712	200	550	375	246	150	545	34	320	30	12	73,93
A958713	250	650	450	322,5	200	1000	38	385	33	12	142,73
A958714	300	750	515	495	250	Ø305	42	450	33	16	246,50



FLANGES 40 BAR - MAXIMUM ALLOWABLE PRESSURE: DN65-DN125 = 25 bar
DN150-DN300 = 16 bar

Notes

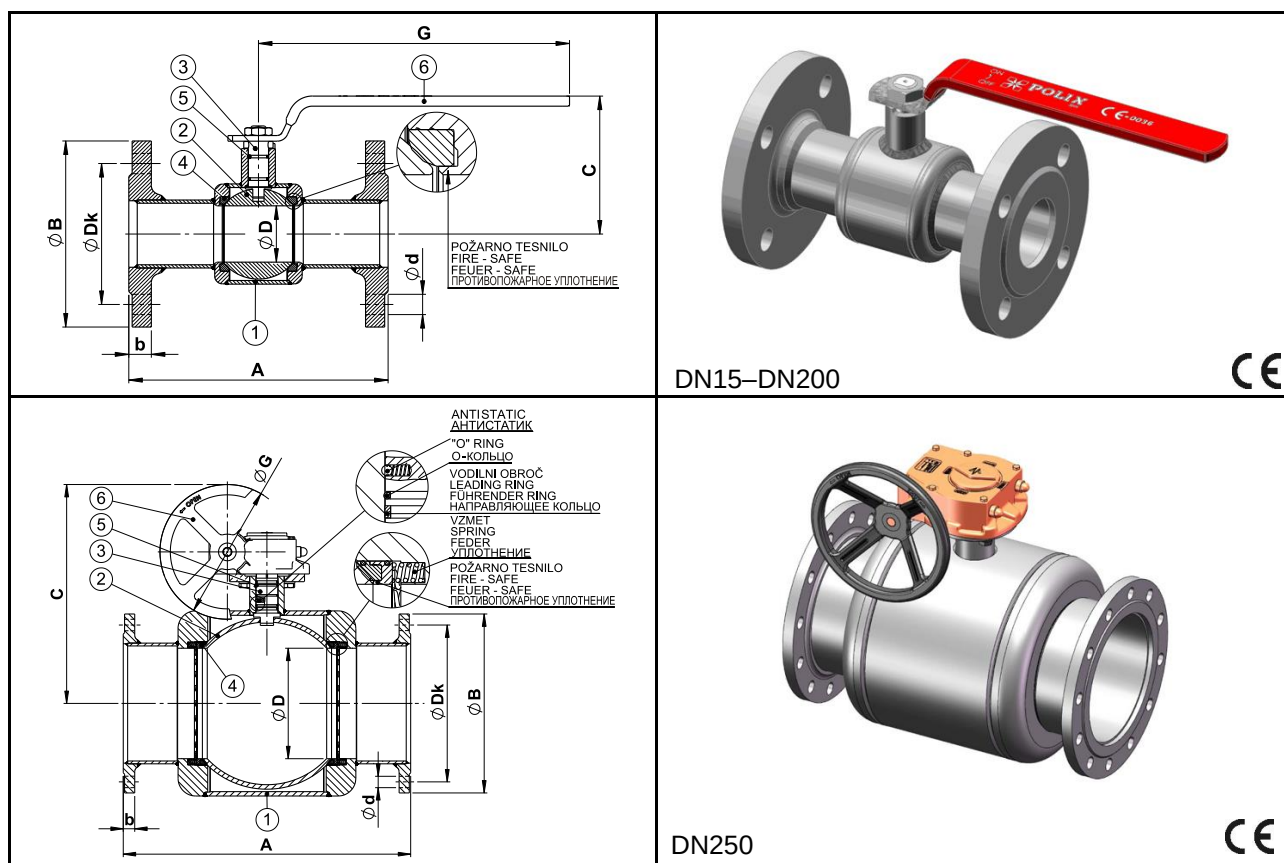
Face to face dimensions conform to DIN3202 F17.

Fire safe design

DN300: - spring loaded washers
- antistatic design
- manual gearbox



BALL VALVE KPT, FLANGED **FULL BORE, DN15–DN250**



Working temperature -20 °C/+200 °C

Materials

1	Body	Carbon Steel – A105, P235TR2
2	Ball	Stainless Steel – X5CrNi18-10 (A304)
3	Stem	Stainless Steel – X20Cr13 (A420)
4	Seats	PTFE
5	O-Ring	PTFE + VITON
6	Handle	Carbon steel (Galvanised) – S235JR (RSt 37-2)

KPT DN ... PN16 DP PX PX

PN16

Art. nr.	DN	A	ØB	C	ØD	G	b	ØDk	Ød	Nr.	Weight (kg)
A958801	15	130	95	71,6	15,9	161	14	65	14	4	1,76
A958802	20	150	105	82,6	20	161	16	75	14	4	2,51
A958803	25	160	115	90,3	25	161	16	85	14	4	3,12
A958804	32	180	140	108,3	31	237	16	100	18	4	5,07
A958805	40	200	150	116	40	276	16	110	18	4	6,81
A958806	50	230	165	122,5	50	276	18	125	18	4	8,22
A958807	65	290	185	148,6	63,5	340	18	145	18	4	14,95
A958808	80	310	200	160,6	78	340	20	160	18	8	21,72
A958809	100	350	220	174,6	99	340	20	180	18	8	27,13
A958810	125	400	250	219	125	545	22	210	18	8	37,85
A958211	150	450	285	246	150	545	22	240	22	8	59,20
A958212	200	550	340	348	200	1000	24	295	22	12	102,90
A958213	250	650	405	495	250	Ø305	26	355	26	12	189,50

KPT DN ... PN40 DP PX PX**PN40**

Art. nr.	DN	A	ØB	C	ØD	G	b	ØDk	Ød	Nr.	Weight (kg)
A958201	15	130	95	71,6	15,9	161	16	65	14	4	1,96
A958202	20	150	105	82,6	20	161	18	75	14	4	2,73
A958203	25	160	115	90,3	25	161	18	85	14	4	3,49
A958204	32	180	140	108,3	31	237	18	100	18	4	5,62
A958205	40	200	150	116	40	276	18	110	18	4	7,23
A958206	50	230	165	122,5	50	276	20	125	18	4	8,96
A958207	65	290	185	148,6	63,5	340	22	145	18	8	16,45
A958208	80	310	200	160,6	78	340	24	160	18	8	23,42
A958209	100	350	235	174,6	99	340	24	190	22	8	29,91
A958210	125	400	270	219	125	545	26	220	26	8	40,24
A958811	150	450	300	246	150	545	28	250	26	8	52,43
A958812	200	550	375	348	200	1000	34	320	30	12	106,20
A958813	250	650	450	495	250	Ø305	38	385	33	12	219,90



FLANGES 40 BAR - MAXIMUM ALLOWABLE PRESSURE: DN65-DN125 = 25 bar
 DN150-DN250 = 16 bar

Notes

Face to face dimensions conform to DIN3202 F17.

Fire safe design

DN250: - spring loaded washers

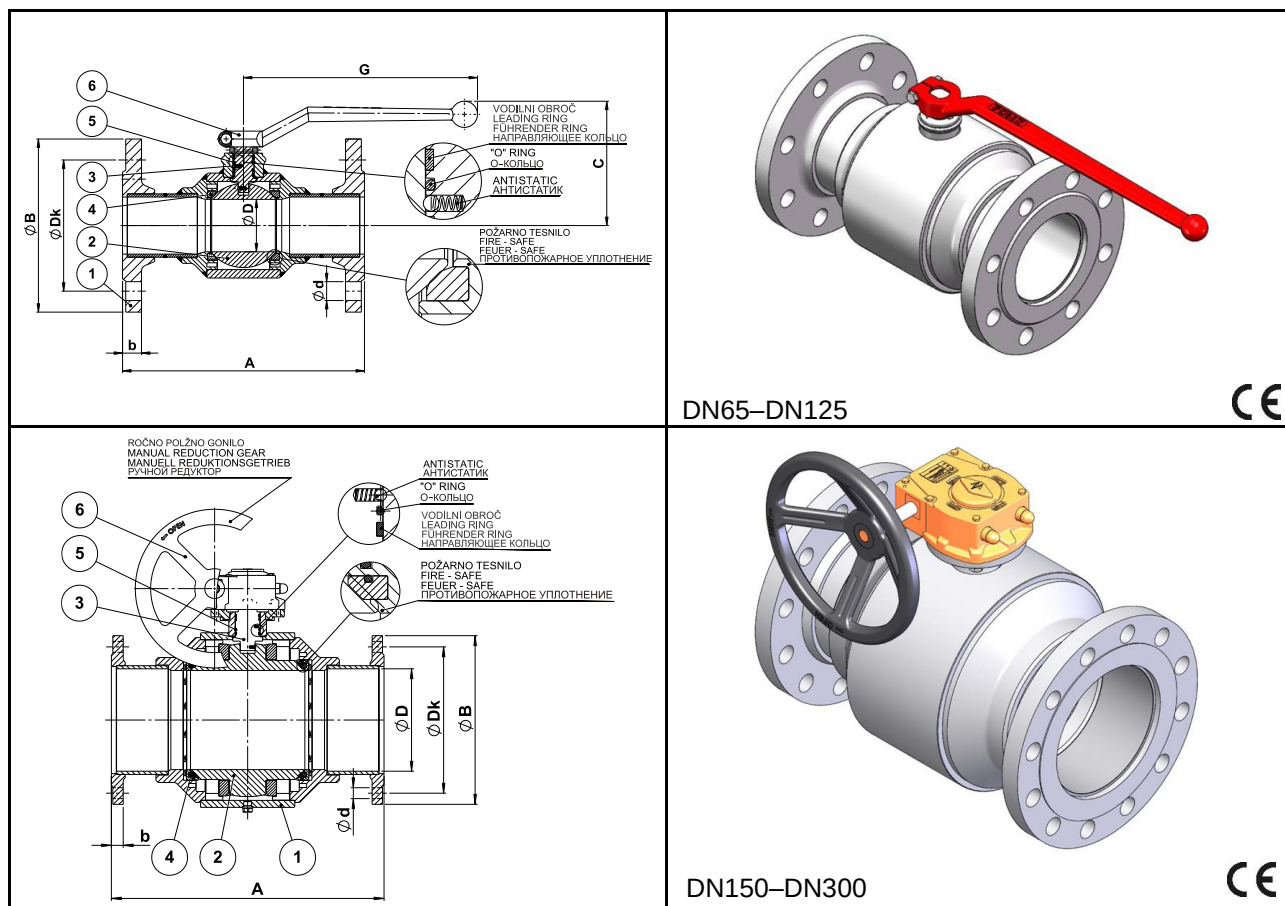
- antistatic design

- manual gearbox



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BALL VALVE KPV, FLANGED **FULL BORE, DN65–DN300**



Working temperature: -20 °C/+200 °C

Materials

1	Body	Carbon Steel – A105, P235TR2
2	Ball	Stainless Steel – X5CrNi18-10 (A304)
3	Stem	Stainless Steel – X20Cr13 (A420)
4	Seats	PTFE
5	O-Ring	PTFE + EPDM
6	Handle	Forged Aluminium – Al6061, option S235JR (RSt 37-2)

KPV DN ... PN40 DP PX PX

PN40

Art. nr.	DN	A	B	C	ØD	G	b	ØDk	Ød	Nr.	Weight (kg)
A905035	65	290	185	160	63,5	293	22	145	18	8	16,50
A905036	80	310	200	170	78	293	24	160	18	8	20,50
A905037	100	350	235	185	99	293	24	190	22	8	32,00
A905038	125	400	270	260	124	1000	26	220	26	8	57,00
A905039	150	450	300	277	149	1000	28	250	26	8	80,00
A905040	200	550	375	–	200	–	34	320	30	12	147,00
A905041	250/200*	450	450	–	200	–	38	385	33	12	159,00
A905046	250	650	450	–	250	–	38	385	33	12	283,50
A905047	300	750	515	–	300	–	42	450	33	16	430,50

■ TRUNION MOUNTED BALL

Opombe

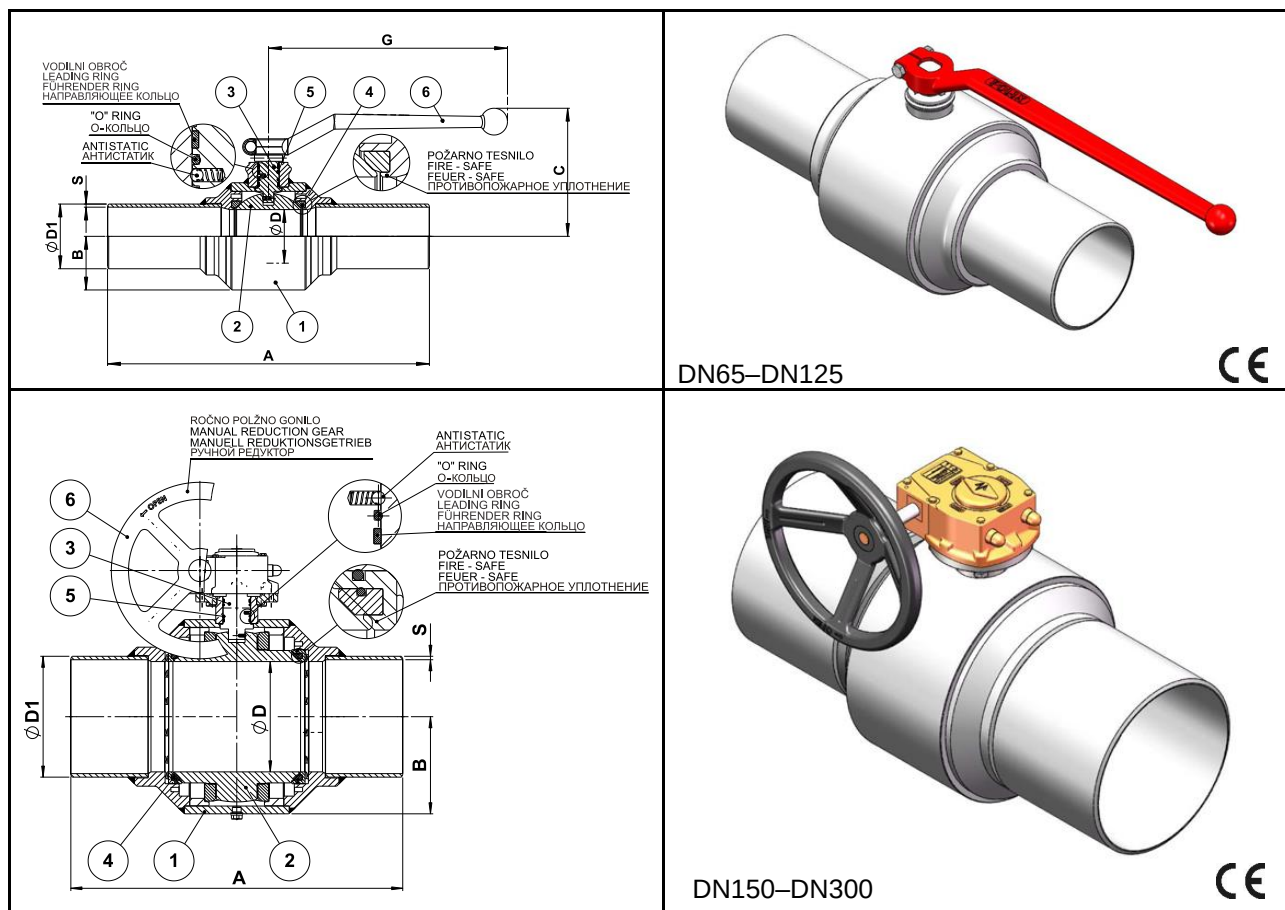
Face to face dimensions conform to DIN3202 F17. DN50 to DN300 with spring loaded washers.

DN150 to DN300 are with the manual gearbox.

Antistatic and fire safe design.

*DN250 – reduced bore.

BALL VALVE KPV, WELDED **FULL BORE, DN65–DN300**



Working temperature: -20 °C/+200 °C

Materials

1	Body	Carbon Steel – A105, P235TR2
2	Ball	Stainless Steel – X5CrNi18-10 (A304)
3	Stem	Stainless Steel – X20Cr13 (A420)
4	Seats	PTFE
5	O-Ring	PTFE + EPDM
6	Handle	Forged Aluminium – Al6061, option S235JR (RSt 37-2)

KPV DN ... PN40 DU PX PX

PN40

Art. nr.	DN	A	B	C	ØD	ØD1	G	s	Weight (kg)
A905055	65	360	65	160	63,5	76,1	293	3,6	14,00
A905056	80	390	75	170	78	88,9	293	4,0	19,00
A905057	100	450	93	185	99	114,3	293	3,6	33,00
A905058	125	525	115	260	124	139,7	1000	4,0	61,00
A905059	150	600	135	277	149	168,3	1000	4,5	89,00
A905060	200	600	176	–	200	219,1	–	6,3	149,00
A905061	250/200*	730	176	–	200	273,0	–	7,1	153,00
A905066	250	730	209,5	–	250	273,0	–	8,8	234,00
A905067	300	850	254	–	300	323,9	–	8,8	361,00

■ TRUNION MOUNTED BALL

Opombe

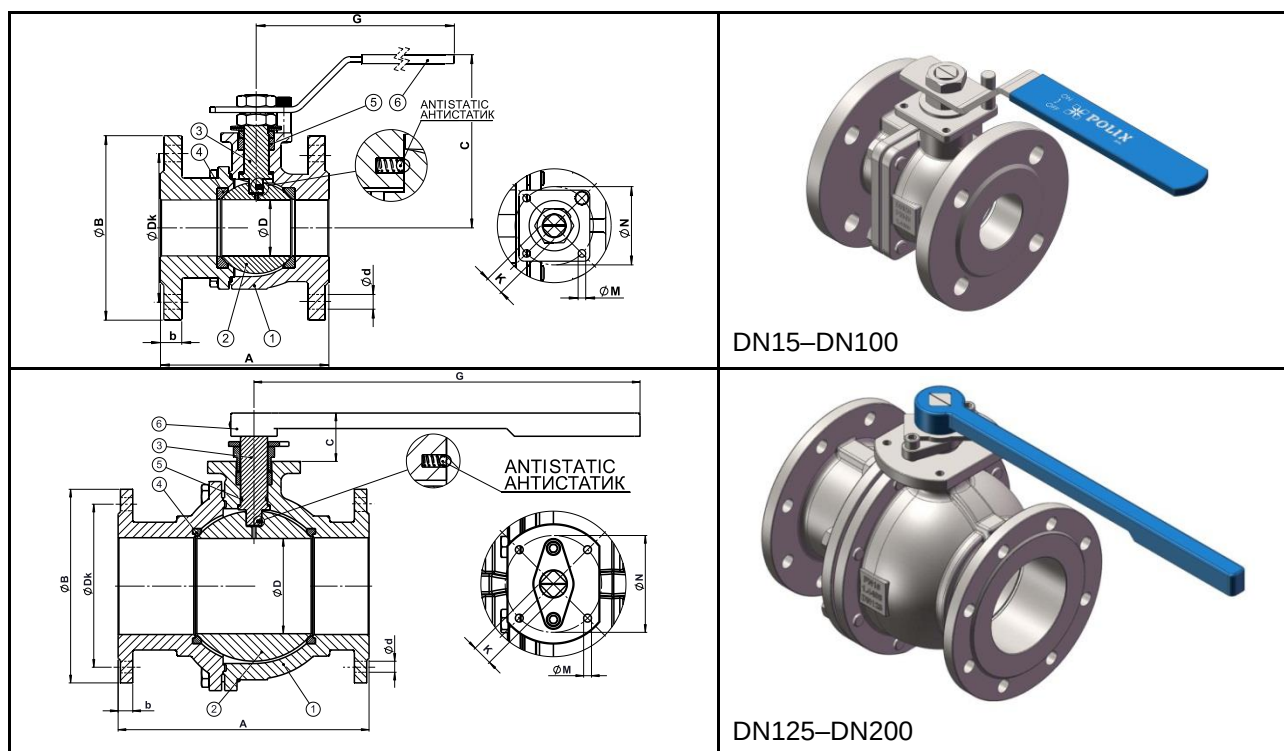
Face to face dimensions according to DIN3202 S14 long. DN50 to DN300 with spring loaded washers.

DN150–DN300 are with the manual gearbox.

Antistatic and fire safe design.

*DN250 – reduced bore.

BALL VALVE KPS, FLANGED
FULL BORE, DN15-DN200



Working temperature: -20 °C/+200 °C

Materials

1	Body	Stainless Steel – GX5CrNiMo19-11 (A316)
2	Ball	Stainless Steel – GX5CrNiMo19-11 (A316)
3	Stem	Stainless Steel –X5CrNiMo17-12-2 (A316)
4	Seats	PTFE
5	Stem seal	PTFE
6	Handle	Stainless Steel – X5CrNi18-10 (A304)

KPS DN ... PN16 DP PX PX

PN16

Art. nr.	DN	ISO 5211			K	ØDk	ØB	A	C	ØD	G	b	Ød	Nr.	Weight (kg)
		F	ØN	ØM											
A003484	15	F04	42	M5	11	65	95	115	87	15	160	16	14	4	2,16
A003485	20	F04	42	M5	11	75	105	120	94	20	160	18	14	4	2,87
A003486	25	F05	50	M6	14	85	115	125	103	25	171	18	14	4	4,02
A003487	32	F05	50	M6	14	100	140	130	118	32	217	18	18	4	5,82
A003488	40	F05	50	M6	14	110	150	140	123	38	217	18	18	4	6,69
A003489	50	F07	70	M8	17	125	165	150	148	50	293	20	18	4	10,16
A003490	65	F07	70	M8	17	145	185	170	156	65	293	22	18	8	14,16
A003492	80	F10	102	M10	22	160	200	180	204	80	373	24	18	8	20,64
A003483	100	F10	102	M10	22	180	220	190	204	100	373	20	18	8	24,68
A061782	125	F12	125	M12	32	210	250	325	70	125	500	70	18	8	46,00
A061783	150	F12	125	M12	32	240	285	350	71	150	500	71	22	8	69,00
A068126	200	F12	125	M12	32	295	340	400	65	200	540	65	22	12	127,00

KPS DN ... PN40 DN15-DN80 DP PX PX
PN40

Art. nr.	DN	ISO 5211			K	ØDk	ØB	A	C	ØD	G	b	Ød	Nr.	Weight (kg)
		F	ØN	ØM											
A003484	15	F04	42	M5	11	65	95	115	87	15	160	16	14	4	2,16
A003485	20	F04	42	M5	11	75	105	120	94	20	160	18	14	4	2,87
A003486	25	F05	50	M6	14	85	115	125	103	25	171	18	14	4	4,02
A003487	32	F05	50	M6	14	100	140	130	118	32	217	18	18	4	5,82
A003488	40	F05	50	M6	14	110	150	140	123	38	217	18	18	4	6,69
A003489	50	F07	70	M8	17	125	165	150	148	50	293	20	18	4	10,16
A003490	65	F07	70	M8	17	145	185	170	156	65	293	22	18	8	14,16
A003492	80	F10	102	M10	22	160	200	180	204	80	373	24	18	8	20,64

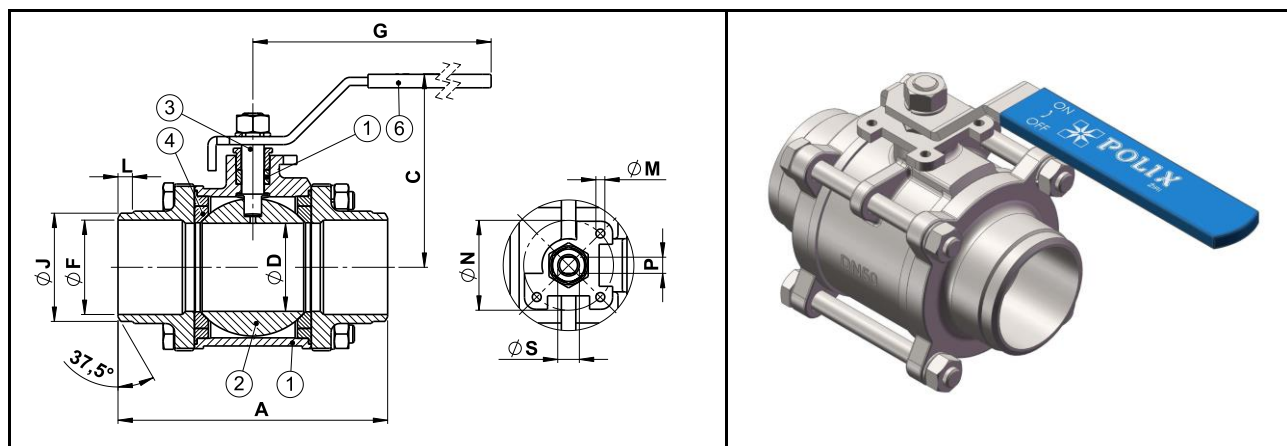
Notes

Where adapter is needed, choose it from KPN adapters.

Article numbers for DN15–DN80 are the same for PN16 and PN40 and are always declared as PN40.



BALL VALVE KPS, WELDED **FULL BORE, DN10-DN100**



Working temperature: -20 °C/+200 °C

Materials

1	Body	Stainless Steel – GX5CrNiMo19-11 (A316)
2	Ball	Stainless Steel – GX5CrNiMo19-11 (A316)
3	Stem	Stainless Steel –X5CrNiMo17-12-2 (A316)
4	Seats	PTFE
5	Stem seal	PTFE
6	Handle	Stainless Steel – X5CrNi18-10 (A304)

KPS DN ... PN63 DU PX PX

PN63

Art. nr.	DN	ISO 5211			P	ØS	A	C	G	ØD	ØF	ØJ	L	Weight (kg)
		F	ØN	ØM										
A059976	10	F04	42	M5	5	8	70	55	108	12,7	12,5	17,2	5	0,45
A028114	15	F04	42	M5	6,5	9,5	75	64	121	15	15,7	21,3	5	0,63
A028115	20	F04	42	M5	9,5	6,5	90	70	121	20	21	26,9	6	0,76
A028116	25	F04	42	M5	8	11	100	75	155	25	26,8	33,7	6	1,14
A028117	32	F04	42	M5	8	11	110	83	155	32	35,1	42,4	8	2,00
A028118	40	F05	50	M6	9	12,5	125	98	192	38	40,5	48,3	8	2,43

KPS DN ... PN40 DU PX PX

PN40

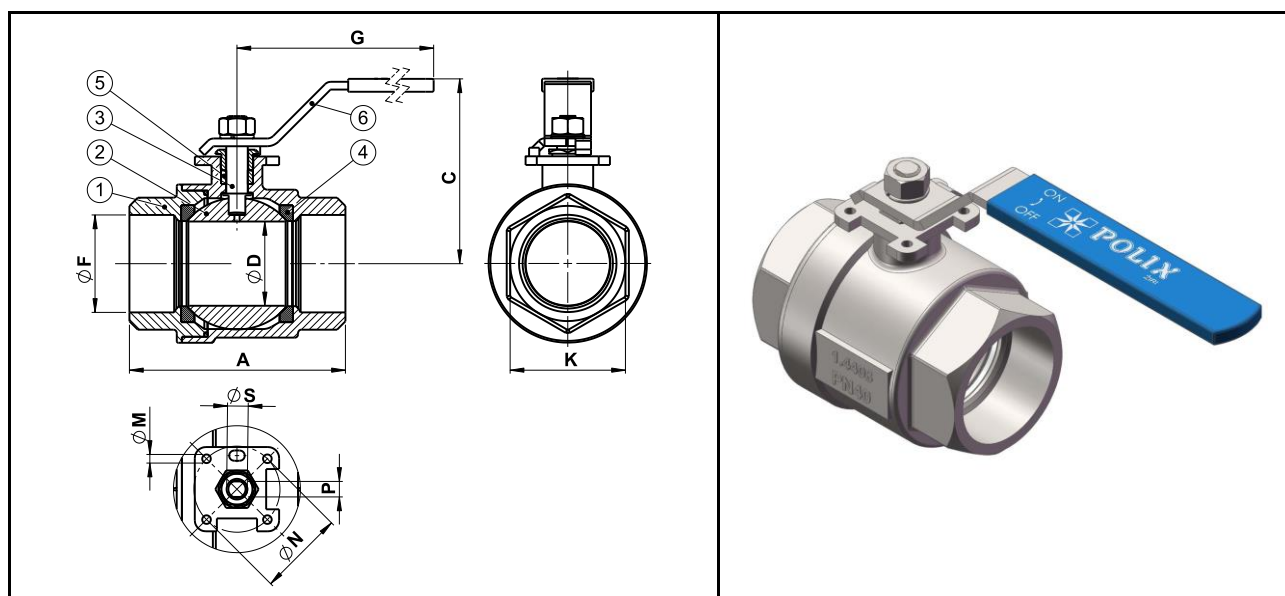
Art. nr.	DN	ISO 5211			ØP	ØS	A	C	G	ØD	ØF	ØJ	L	Teža (kg)
		F	ØN	ØM										
A028119	50	F05	50	M6	12,5	9	150	105	192	49	52,3	60,3	8	3,62
A066685	65	F07	70	M8	19	12	190	148	257	65,6	62,5	73	12	8,06
A012161	80	F07	70	M8	19	12	220	155	257	80	77,5	88,9	12	10,95
A070674	100	F10	102	M10	20	25	270	184	290	100	100	114,3	20	22,50

Notes

Where adapter is needed, choose it from KPN adapters.



BALL VALVE KPS, THREADED **FULL BORE, DN15-DN65**



Working temperature: -20 °C/+200 °C

Materials

1	Body	Stainless Steel – GX5CrNiMo19-11 (A316)
2	Ball	Stainless Steel – GX5CrNiMo19-11 (A316)
3	Stem	Stainless Steel –X5CrNiMo17-12-2 (A316)
4	Seats	PTFE
5	Stem seal	PTFE
6	Handle	Stainless Steel – X5CrNi18-10 (A304)

KPS DN ... PN63 DN PX PX

PN63

Art. nr.	DN	ISO 5211			P	ØS	A	ØF	G	ØD	C	Weight (kg)
		F	ØN	ØM								
A004062	15	F04	42	M5	5	8	66,4	G1/2	115	15	69	0,39
A004063	20	F04	42	M5	6,5	9,5	73,4	G3/4	115	20	77	0,54
A004064	25	F04	42	M5	8	11	84,8	G1	138	25	80	0,78
A004065	32	F04	42	M5	81	11	99,5	G1 1/4	163	32	86	1,27
A004066	40	F05	50	M6	9	12,5	112,7	G1 1/2	193	38	97	1,91

KPS DN ... PN40 DN PX PX

PN40

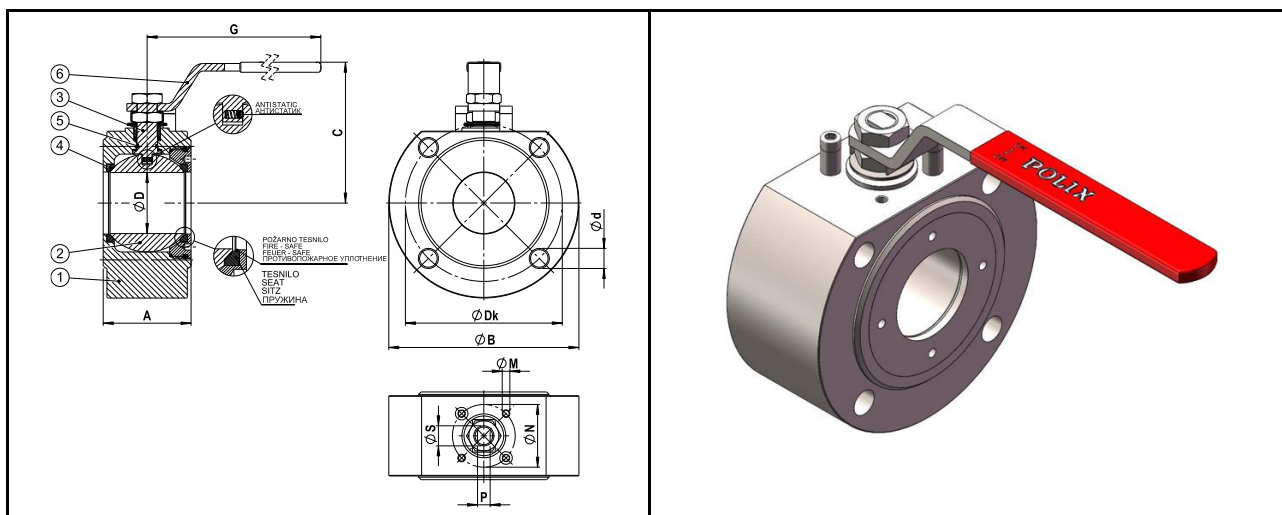
Art. nr.	DN	ISO 5211			P	ØS	A	ØF	G	ØD	C	Weight (kg)
		F	ØN	ØM								
A004067	50	F05	50	M6	9	12,5	129	G2	193	49	105	2,91
A028121	65	F07	70	M8	12	19	162,8	G2 1/2	248	65	141	6,21

Notes

Where adapter is needed, choose it from KPN adapters.



BALL VALVE KPAS FULL BORE, DN15–DN200



Working temperature: -10 °C/+180 °C

Materials

1	Body	Stainless Steel – AISI316 (1.4401; 1.4408)
2	Ball	Stainless Steel – X5CrNiMo17-12-2 (AISI316) 1.4401
3	Stem	Stainless Steel – AISI316 (1.4401)
4	Seats	PTFE
5	O-Ring	FPM (Viton)
6	Handle	Stainless steel AISI304

KPAS DN ... PN16 DP VX PX

PN16

Art. nr.	DN	A	ØB	C	ØD	G	ØDk	Ød	Nr.	P	ØS	ISO 5211			Weight (kg)
												F	ØN	ØM	
A072386	15	35	90	65	15	140	65	M12	4	6	M10	F03	36	M5	1,35
A072387	20	38	100	70	20	140	75	M12	4	6	M10	F03	36	M5	1,81
A072388	25	43	110	82	25	180	85	M12	4	8	M12	F04	42	M5	2,51
A072389	32	54	130	85	32	180	100	M16	4	8	M12	F04	42	M5	4,33
A072390	40	60	140	102	40	230	110	M16	4	10	M16	F05	50	M6	5,54
A072391	50	70	150	110	50	230	125	M16	4	10	M16	F05	50	M6	7,30
A072392	65	95	175	137,5	65	333	145	M16	8	14	M22	F07	70	M8	15,00
A072393	80	122	190	150	78	333	160	M16	8	14	M22	F07	70	M8	20,67
A072394	100	154	220	167	96	370	180	M16	8	16	M27	F10	102	M10	34,5
A072395	125	185	255	181	118	370	210	M16	8	16	M27	F10	102	M10	54,20
A072396	150	235	295	249	144	584	240	M20	8	26	M42	F12	125	M12	90,57
A072397	200	310	373	288	192	584	295	M20	12	26	M42	F12	125	M12	177,06

KPAS DN ... PN40 DP VX PX

PN40

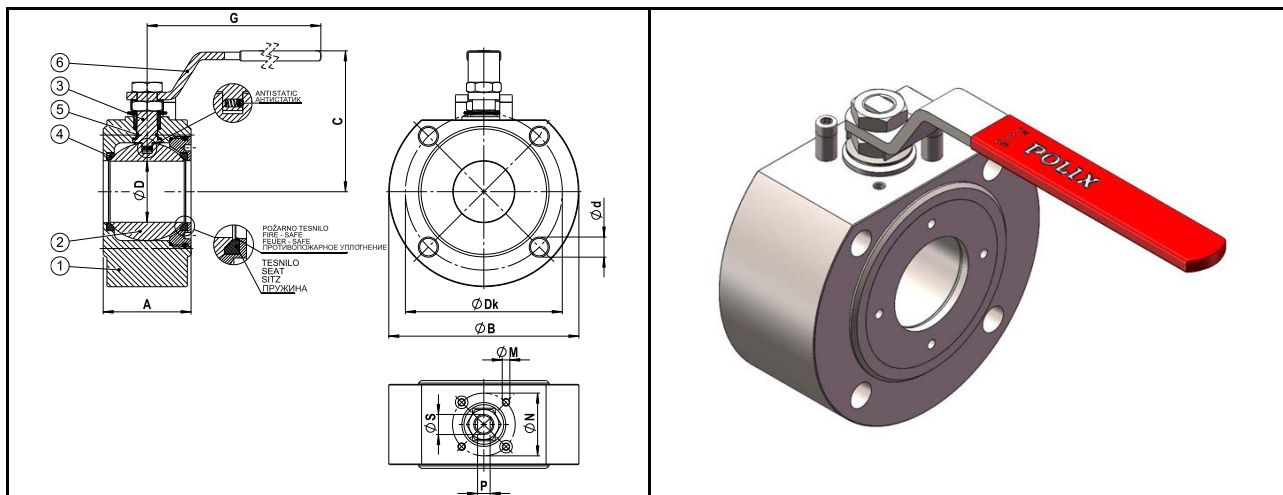
Art. nr.	DN	A	ØB	C	ØD	G	ØDk	Ød	Nr.	P	ØS	ISO 5211			Weight (kg)
												F	ØN	ØM	
A072398	15	35	90	65	15	140	65	M12	4	6	M10	F03	36	M5	1,35
A072399	20	38	100	70	20	140	75	M12	4	6	M10	F03	36	M5	1,81
A072400	25	43	110	82	25	180	85	M12	4	8	M12	F04	42	M5	2,51
A072401	32	54	130	85	32	180	100	M16	4	8	M12	F04	42	M5	4,33
A072402	40	60	140	102	40	230	110	M16	4	10	M16	F05	50	M6	5,54
A072403	50	70	150	110	50	230	125	M16	4	10	M16	F05	50	M6	7,30
A072404	65	95	175	137,5	65	333	145	M16	8	14	M22	F07	70	M8	15,00
A072405	80	122	190	150	78	333	160	M16	8	14	M22	F07	70	M8	20,67

Notes

Possible with ATEX certificate.



BALL VALVE KPAS FULL BORE, DN15–DN100



Working temperature: -10 °C/+180 °C

Materials

1	Body	Stainless Steel – AISI316 (1.4401; 1.4408)
2	Ball	Stainless Steel – X5CrNiMo17-12-2 (AISI316) 1.4401
3	Stem	Stainless Steel – AISI316 (1.4401)
4	Seats	PTFE
5	O-Ring	VITON
6	Handle	Stainless steel AISI304

KPAS DN ... AN150 DP VX PX

ANSI 150

Art. nr.	DN	A	ØB	C	ØD	G	ØDk	Ød	Nr.	P	ØS	ISO 5211			Weight (kg)
												F	ØN	ØM	
A072406	15	35	89	65	15	160	60,5	1/2"	4	6	M10	F03	36	M5	1,24
A072407	20	38	98,5	70	20	160	70	1/2"	4	6	M10	F03	36	M5	1,65
A072408	25	43	108	82	25	200	79,5	1/2"	4	8	M12	F04	42	M5	2,45
A072409	32	54	118	85	32	207	89	1/2"	4	8	M12	F04	42	M5	3,67
A072410	40	60	127	102	40	260	98,5	1/2"	4	10	M16	F05	50	M6	4,66
A072411	50	70	165	110	50	265	120,5	5/8"	4	10	M16	F05	50	M6	5,80
A072412	65	95	185	137,5	65	380	139,5	5/8"	4	14	M22	F07	70	M8	10,35
A072413	80	122	200	150	78	395	152,5	5/8"	4	14	M22	F07	70	M8	13,90
A072414	100	140	220	165	96	440	190,5	5/8"	8	16	M27	F10	102	M10	20,00

KPAS DN ... AN300 DP VX PX

ANSI 300

Art. nr.	DN	A	ØB	C	ØD	G	ØDk	Ød	Nr.	P	ØS	ISO 5211			Weight (kg)
												F	ØN	ØM	
A072415	15	42	95,2	66	15	161	66,7	1/2"	4	6	M10	F03	36	M5	1,73
A072416	20	46	117,5	73	20	163	82,5	5/8"	4	6	M10	F03	36	M5	2,77
A072417	25	50	123,8	90	25	205	88,9	5/8"	4	8	M12	F04	42	M5	3,70
A072419	40	66	155,6	109	40	263	114,3	3/4"	4	10	M16	F04	42	M6	7,11
A072420	50	83	165,1	116	50	272	127	5/8"	8	10	M16	F05	50	M6	10,43

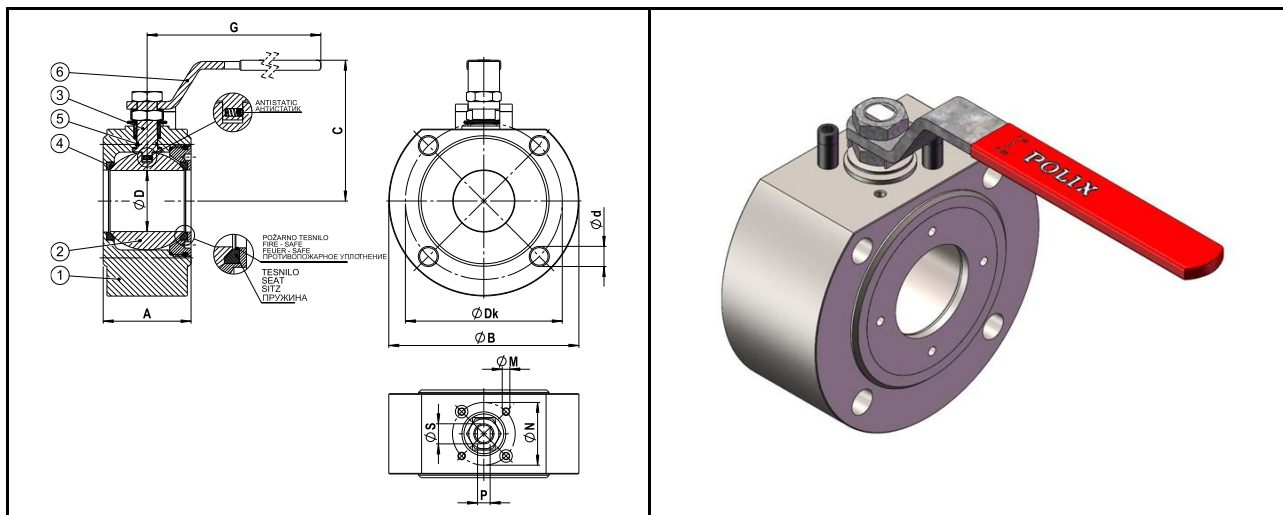
Notes

Possible with ATEX certificate.



BALL VALVE KPAC

FULL BORE, DN15–DN200



Working temperature: -10 °C/+180 °C

Materials

1	Body	Carbon Steel – A105
2	Ball	DN15–DN20 Stainless Steel – X5CrNiMo17-12-2 (AISI316) 1.4401 DN > 25 Stainless Steel – X5CrNi18-10 (AISI304) 1.4301
3	Stem	Stainless Steel – X5CrNi18-10 (AISI304) 1.4301
4	Seats	PTFE
5	O-Ring	VITON
6	Handle	Carbon Steel

KPAC DN ... PN16 DP VX PX

PN16

Art. nr.	DN	A	ØB	C	ØD	G	ØDk	Ød	Nr.	P	ØS	ISO 5211			Weight (kg)
												F	ØN	ØM	
A072365	15	35	90	65	15	140	65	M12	4	6	M10	F03	36	M5	1,35
A072366	20	38	100	70	20	140	75	M12	4	6	M10	F03	36	M5	1,81
A072367	25	43	110	82	25	180	85	M12	4	8	M12	F04	42	M5	2,51
A072368	32	54	130	85	32	180	100	M16	4	8	M12	F04	42	M5	4,33
A072369	40	60	140	102	40	230	110	M16	4	10	M16	F05	50	M6	5,54
A072370	50	70	150	110	50	230	125	M16	4	10	M16	F05	50	M6	7,30
A072371	65	95	175	137,5	65	333	145	M16	8	14	M22	F07	70	M8	15,00
A072372	80	122	190	150	78	333	160	M16	8	14	M22	F07	70	M8	20,67
A072373	100	154	220	167	96	370	180	M16	8	16	M27	F10	102	M10	34,5
A072374	125	185	255	181	118	370	210	M16	8	16	M27	F10	102	M10	54,20
A072375	150	235	295	249	144	584	240	M20	8	26	M42	F12	125	M12	90,57
A072376	200	310	373	288	192	584	295	M20	12	26	M42	F12	125	M12	177,06

KPAC DN ... PN40 DP VX PX

PN40

Art. nr.	DN	A	ØB	C	ØD	G	ØDk	Ød	Nr.	P	ØS	ISO 5211			Weight (kg)
												F	ØN	ØM	
A072377	15	35	90	65	15	140	65	M12	4	6	M10	F03	36	M5	1,35
A072378	20	38	100	70	20	140	75	M12	4	6	M10	F03	36	M5	1,81
A072379	25	43	110	82	25	180	85	M12	4	8	M12	F04	42	M5	2,51
A072380	32	54	130	85	32	180	100	M16	4	8	M12	F04	42	M5	4,33
A072381	40	60	140	102	40	230	110	M16	4	10	M16	F05	50	M6	5,54
A072382	50	70	150	110	50	230	125	M16	4	10	M16	F05	50	M6	7,30
A072383	65	95	175	137,5	65	333	145	M16	8	14	M22	F07	70	M8	15,00
A072384	80	122	190	150	78	333	160	M16	8	14	M22	F07	70	M8	20,67

Notes

Possible with ATEX certificate.



1.4 ACCESSORIES



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When is adapter required to mount the actuator?

TYPE	ADAPTERS FOR ACTUATORS	ACTUATOR
KPN	Yes, except for DN200-DN300	Manual gearbox
	Yes*	Pneumatic actuator
	Yes, except for DN250, DN300	Electric actuator
KPC	Yes, except for DN200	Manual gearbox
	Yes	Pneumatic actuator
	Yes	Electric actuator
KPV	/	Manual gearbox
	Yes	Pneumatic actuator
	Yes	Electric actuator
KPV PG0 F..	/	Manual gearbox
	Yes	Pneumatic actuator
	Yes	Electric actuator

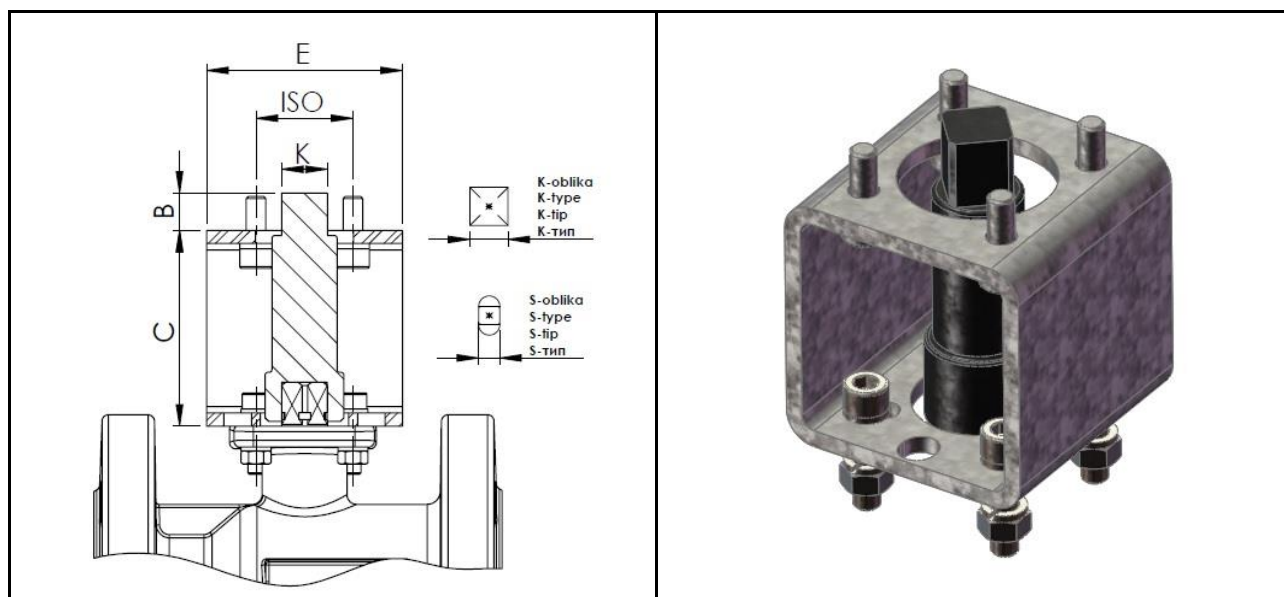
* Except for DN250, DN300 double acting pneumatic actuator.

How to choose an appropriate adapter:

- select the ball valve
- choose the actuator
- on the basis of the Top flange ISO and Shaft ØSxP/K of the actuator, select the corresponding adapter



ADAPTERS FOR ACTUATORS



Materials

Body	Carbon Steel (Galvanised) – S23 (St 37-2), A105
Screws, nuts	DIN 912, DIN 931

Art. nr.	Adapter	DN	Top flange ISO	Shaft ØSxP/K	B	C	E	Weight (kg)
A950910	KPC	25	F05	20x16	13	60	60	0,30
A950929	KPC	25	F05	K11	13	60	60	0,30
A950918	KPC	25	F05	K14	13	60	60	0,30
A950928	KPC	25	F05	K17	13	60	60	0,30
A950905	KPC	32–50	F05	20x16	13	60	60	0,50
A950933	KPC	32–50	F05	K11	13	60	60	0,50
A950919	KPC	32–50	F05	K14	13	60	60	0,50
A950932	KPC	32–50	F05	K17/K22*	13	60	60	0,50
A950894	KPC	32–50	F07	K17	13	60	100	0,40
A950895	KPC	40–50	F07	K22	13	60	100	1,10
A950890	KPC	40–50	F05	K17	13	60	60	0,60
A950904	KPC	65–100	F07	S19	16	70	80	1,00
A950920	KPC	65–100	F07	K17	16	70	80	1,00
A950938	KPC	65–100	F07	K19	16	70	80	1,00
A950891	KPC	65–100	F07	K22	16	80	80	1,30
A950896	KPC	65–100	F12	K27	16	80	140	3,30
A950941	KPC	125–150	F10	K22	26	90	120	3,00
A950940	KPC	125–150	F10	K27	26	90	120	3,00
A950917	KPC	125–150	F10	K30/K36*	26	90	120	3,00
A950945	KPC	125–150	F12	K22	26	90	120	3,00
A950944	KPC	125–150	F12	K27	26	90	120	3,00
A950906	KPC	125–150	F12	K30/K36*	26	90	120	3,00
A950897	KPC	125	F14	K36	26	80	160	3,60
A950892	KPC	150	F12	K36	23	80	140	3,20
A950898	KPC	150	F14	K46	23	80	160	3,60
A950889	KPC	150	F16	K46	27	120	160	9,20
A950893	KPC	200	F14	K36	23	80	160	3,80
A950899	KPC	200	F16	K46	27	120	220	9,20
A950909	KPN	25	F05	20x16	13	60	60	0,30
A950913	KPN	25	F05	K14	13	60	60	0,30
A950930	KPN	25	F05	K17	13	60	60	0,30
A950931	KPN	25	F05	K11	13	60	60	0,30
A950911	KPN	32–40	F05	20x16	13	60	60	0,50
A950914	KPN	32–40	F05	K14	13	60	60	0,50
A950934	KPN	32–40	F05	K17	13	60	60	0,50
A950935	KPN	32–40	F05	K11	13	60	60	0,50

Art. nr.	Adapter	DN	Top flange ISO	Shaft ØSxP/K	B	C	E	Weight (kg)
A950907	KPN	50	F05	20x16	13	60	60	0,50
A950915	KPN	50	F05	K14	13	60	60	0,50
A950937	KPN	50	F05	K11	13	60	60	0,50
A950936	KPN	50	F05	K17/K22*	13	60	60	0,50
A950908	KPN	65-100	F07	24x19	16	80	80	1,00
A950970	KPN	65-100	F07	20x13	16	80	80	1,00
A950916	KPN	65-100	F07	K17	16	80	80	1,00
A950939	KPN	65-100	F07	K19	16	80	80	1,00
A950988	KPN	65-100	F07	K22	16	80	80	1,00
A950981	KPN	65-100	F10	K22	23	60	100	1,00
A950986	KPN	65-100	F10	K27	23	60	100	1,00
A950982	KPN	65-100	F12	K27	30	80	125	1,00
A950964	KPN	125-150	F12	K30/K36*	30	80	120	3,00
A950965	KPN	125-150	F12	K27	30	80	120	3,00
A950966	KPN	125-150	F12	K22	30	80	120	3,00
A950961	KPN	125-150	F10	K30/K36*	30	80	120	3,00
A950962	KPN	125-150	F10	K27	30	80	120	3,00
A950963	KPN	125-150	F10	K22	30	80	120	3,00
A950983	KPN	150	F14	K36	30	80	135	3,00
A950912	KPN	200	F12	K30	30	80	120	3,00
A950946	KPN	200	F12	K27	30	80	120	3,00
A950947	KPN	200	F12	K22	30	80	120	3,00
A950984	KPN	200	F14	K36	30	80	135	3,00
A950987	KPN	200	F16	K46	50	120	160	8,70
A951004	KPN	250	F16	K46	42	120	160	9,50
A951032	KP**	25	F04 / F04	K11 / K11	11,5	60	60	0,60
A951033	KP**	32	F04 / F04	K14 / K14	15	60	60	0,60
A951034	KP**	40 - 50	F05 / F05	K14 / K14	13	60	60	0,60
A951035	KP**	65 - 100	F07 / F07	K17 / K17	16	80	80	1,30
A951036	KP**	125 - 150	F10 / F10	K22 / K22	26	80	140	2,80
A951037	KP**	200	F12 / F12	K27 / K27	29	80	140	2,80
A950850	KPT	25	F04/F05*	K11	10	50	43	0,20
A950851	KPT	25	F04/F05*	K14	10	50	43	0,20
A950852	KPT	32-50	F04/F05*	K14	17	55	50	0,30
A950853	KPT	65-100	F07	K17	18,5	78	70	0,80
A950854	KPT	125-150	F10/F12*	K22	20	104	125	2,00
A950855	KPT	125-150	F10/F12*	K30	20	104	125	2,20
A950856	KPT	200-250	F10/F12*	K30	26	70	125	1,40

 ADAPTER WELDED ON THE BODY OF THE BALL VALVE. IT CAN ONLY BE SOLD MOUNTED ON THE BALL VALVE.

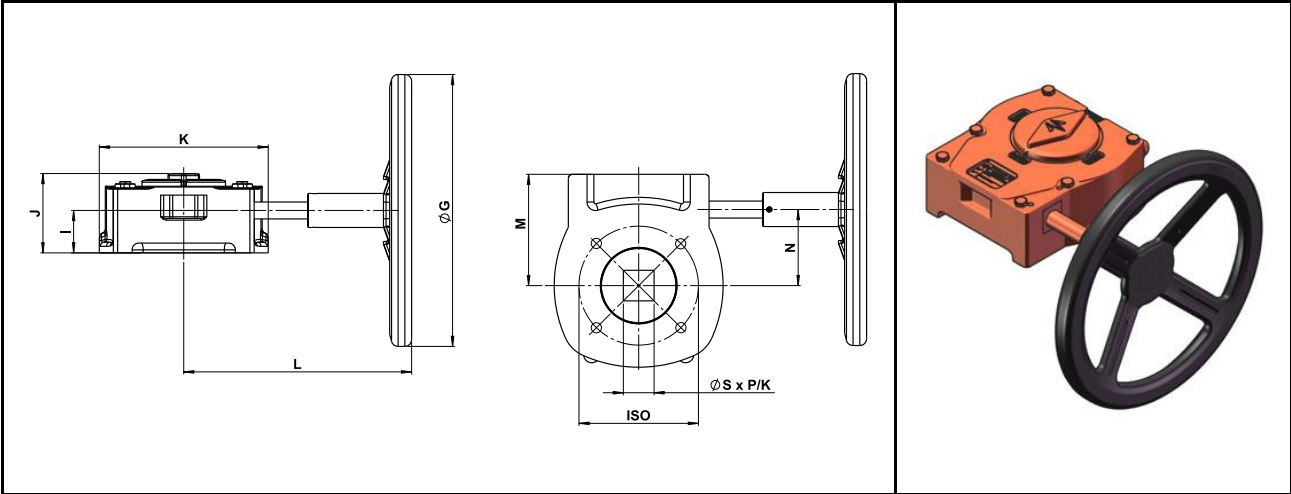
Notes

*Suitable for both dimensions.

**For KPC and KPN ball valves with ISO top flange



MANUAL GEARBOX FOR BALL VALVES



Materials

Body	Aluminum Alloy / Carbon Steel
Wheel	Carbon Steel

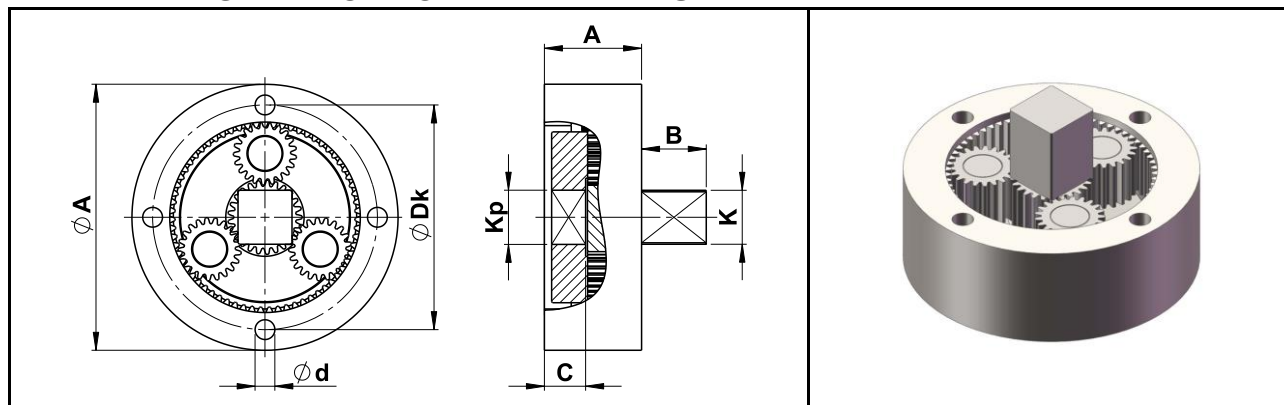
Art. nr.	DN	I	J	K	L	M	N	ØG	Top flange ISO	Shaft K	Weight (kg)
A950996	50–100	28	60	136	200	88	60	200	F07 / F10	K17	4,00
A950997	125–250	44	85	150	210	105	67	250/310*	F12	K30	11,00
A951003	250–300	50	93,5	198	267	131	89,5	310	F14	K36	15,00

Notes

*Dimension for DN 250.



PLANETARY GEAR BOX FOR BALL VALVES



Materials

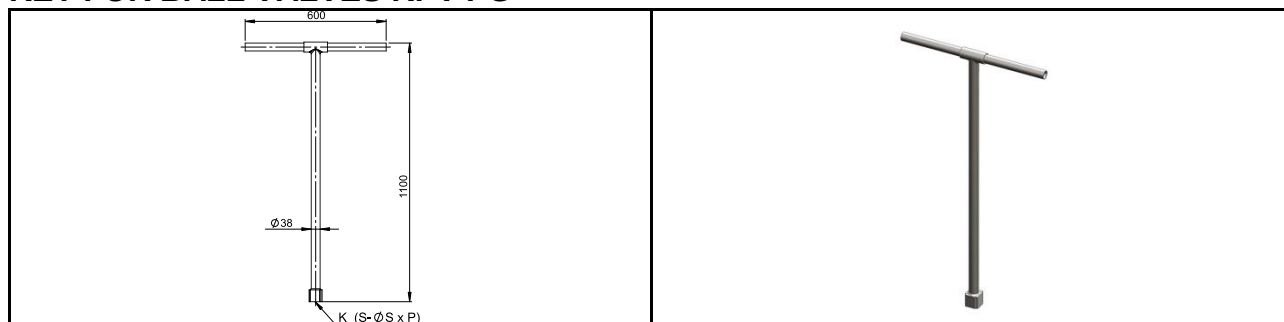
Body	Carbon Steel
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Art. nr.	ØA	ØDk	Ød	A	B	C	Kp	K	Weight (kg)
A901875	148	125	11	54	36	22	30	30	5,27

Notes

Planetary gear box is mounted between top ISO flange of the ball valve and underground extension.

KEY FOR BALL VALVES KPV PG

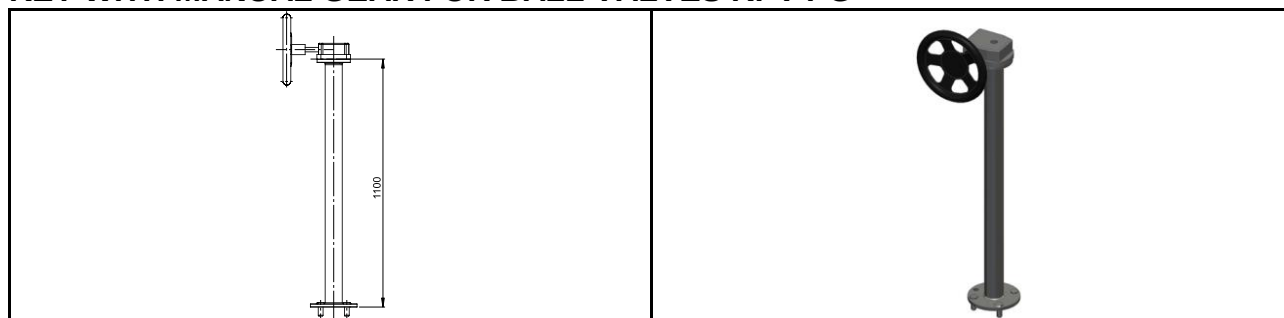


Materials

Body	Carbon Steel – P235TR1, A105
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Art. nr.	Shaft	Weight (kg)
A950998	K32	5,00
A950999	K22	5,00
A951000	S27	5,00

KEY WITH MANUAL GEAR FOR BALL VALVES KPV PG



Materials

Body	Carbon Steel – P235TR1, A105
------	------------------------------

Art. nr.	Shaft	Weight (kg)
A950994	S27	25,00



ACTUATORS FOR BALL VALVES

ELECTRIC ACTUATORS

BALL VALVE DN		ER RANGE & V ECONOMICAL (ER/VS)								
		Art. nr.	Actuator	Top flange ISO	Shaft K	Lever (Nm)	Duty cycle (%)	Power (W)	Opening time (s)	Weight (kg)
	25	A038578	ER35.90A.G00	F03-F05	22	35	50	45	7	1,50
	32	A037857	ER60.90A.G00	F05-F07	22	60	50	45	12	3,00
	40	A037857	ER60.90A.G00	F05-F07	22	60	50	45	12	3,00
	50	A037858	ER100.90A.G00	F05-F07	22	100	50	45	23	3,00

BALL VALVE DN		V RANGE (VR/VS/VT)								
		Art. nr.	Actuator	Top flange ISO	Shaft K	Lever (Nm)	Duty cycle (%)	Power (W)	Opening time (s)	Weight (kg)
	25	A037840	VR45.70A.G00	F05-F07	17	45	50	45	15	3,10
	32	A037840	VR45.70A.G00	F05-F07	17	45	50	45	15	3,10
	40	A037848	VR75.70A.G00	F05-F07	17	75	50	45	20	3,10
	50	A037849	VS100.90A.G00	F07-F10	22	100	50	45	15	5,60
	65	A037072	VS150.90A.G00	F07-F10	22	150	50	85	30	5,60
	80	A037072	VS150.90A.G00	F07-F10	22	150	50	85	30	5,60
	100	A037850	VS300.90A.G00	F07-F10	22	300	50	85	50	5,60
	125	A037851	VT600.A08.T00	F10-F12	36	600	50	250	38	17,10
	150	A037852	VT1000.A08.T00	F10-F12	36	1000	50	250	38	17,10
	200	A037852	VT1000.A08.T00	F10-F12	36	1000	50	250	38	17,10
	250	A072107	VT1500.B08.G00	F14-F16	46	1500	50	250	113	54,00
	300	A072107	VT1500.B08.G00	F14-F16	46	1500	50	250	113	54,00

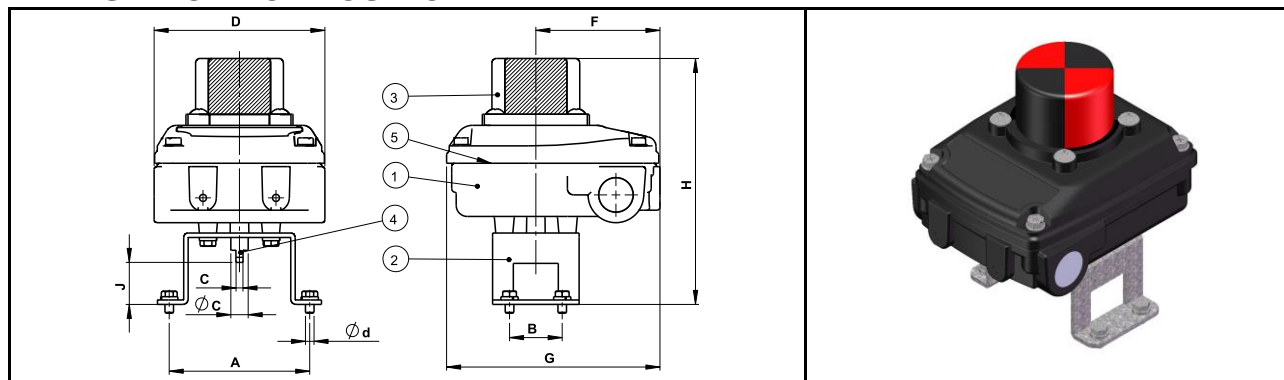
BALL VALVE DN		ATEX (VRX/VSX)								
		Art. nr.	Actuator	Top flange ISO	Shaft K	Lever (Nm)	Duty cycle (%)	Power (W)	Opening time (s)	Weight (kg)
	25	A037853	VRX45.70A.G00	F05-F07	17	45	50	45	15	4,00
	32	A037853	VRX45.70A.G00	F05-F07	17	45	50	45	15	4,00
	40	A037854	VRX75.70A.G00	F05-F07	17	75	50	45	20	4,00
	50	A037862	VSX100.90A.G00	F07-F10	22	100	50	45	15	6,50
	65	A037861	VSX150.90A.G00	F07-F10	22	150	50	85	30	6,50
	80	A037861	VSX150.90A.G00	F07-F10	22	150	50	85	30	6,50
	100	A037863	VSX300.90A.G00	F07-F10	22	300	50	85	50	6,50

PNEUMATIC ACTUATORS

BALL VALVE DN		DOUBLE ACTING (MT)						
		Art. nr.	Actuator	Top flange ISO	Shaft K	Lever (Nm) P=6 bar	Weight (kg)	
	25	A039358	MT15	F05	14	33	1,83	
	32	A039352	MT17	F05	14	44	2,35	
	40	A039359	MT20	F07	17	60	2,87	
	50	A039353	MT25	F07	17	91	4,00	
	65	A039354	MT30	F07	17	121	4,84	
	80	A039360	MT35	F10	22	193	7,58	
	100	A039361	MT40	F10	22	242	9,03	
	125	A039363	MT50	F12	27	544	17,80	
	150	A039364	MT55	F12	27	725	22,18	
	200	A039365	MT60	F14	36	1099	36,30	
	250	A039365	MT60	F14	36	1099	36,30	
	300	A068987	MT65	F14	36	1450	39,88	

BALL VALVE DN		SPRING RETURN (UT)					
		Art. nr.	Actuator	Top flange ISO	Shaft K	Lever (Nm)	Weight (kg)
	25	A039367	UT25-SR4	F07	17	28	4,52
	32	A039369	UT30-SR4	F07	17	42	5,57
	40	A039371	UT35-SR3	F10	22	52	9,02
	50	A039372	UT35-SR5	F10	22	86	9,02
	65	A039373	UT45-SR4	F10	22	126	15,02
	80	A039374	UT45-SR5	F10	22	158	15,02
	100	A039375	UT50-SR4	F12	27	196	22,63
	125	A039377	UT60-SR5	F14	36	483	45,90
	150	A039379	UT70-SR4	F16	46	692	82,96
	200	A039380	UT70-SR6	F16	46	1039	82,96
	250	A039380	UT70-SR6	F16	46	1039	82,96
	300	A068986	UT75-SR6	F16	46	1208	98,00

LIMIT SWITCH BOX POSITIONER



Materials

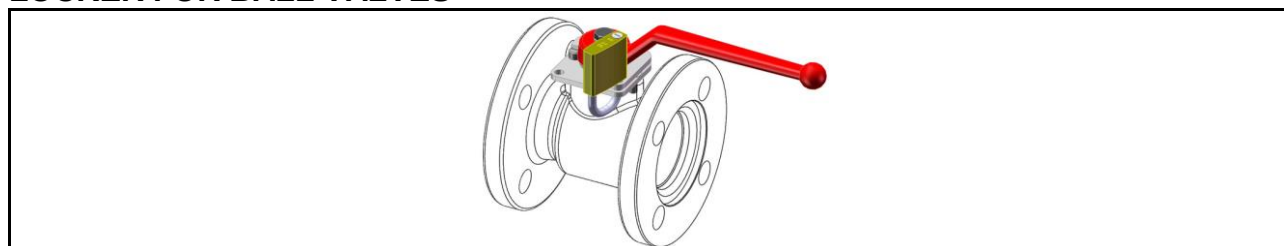
1	Body	Cast Aluminium
2	Shaft	Stainless Steel AISI300
3	External indicator	Polycarbonat
4	Cams	Stainless Steel AISI304
5	O-ring	NBR

Art. nr.	A	B	C	ØC	D	F	G	H	J	Weight (kg)
A046094	75,5-81,5	30	4	10	97	71	121,5	140	24	0,7

Notes

Limit switch box positioner is suitable to be mounted directly on pneumatic actuators.
ATEX execution is available upon request.

LOCKER FOR BALL VALVES

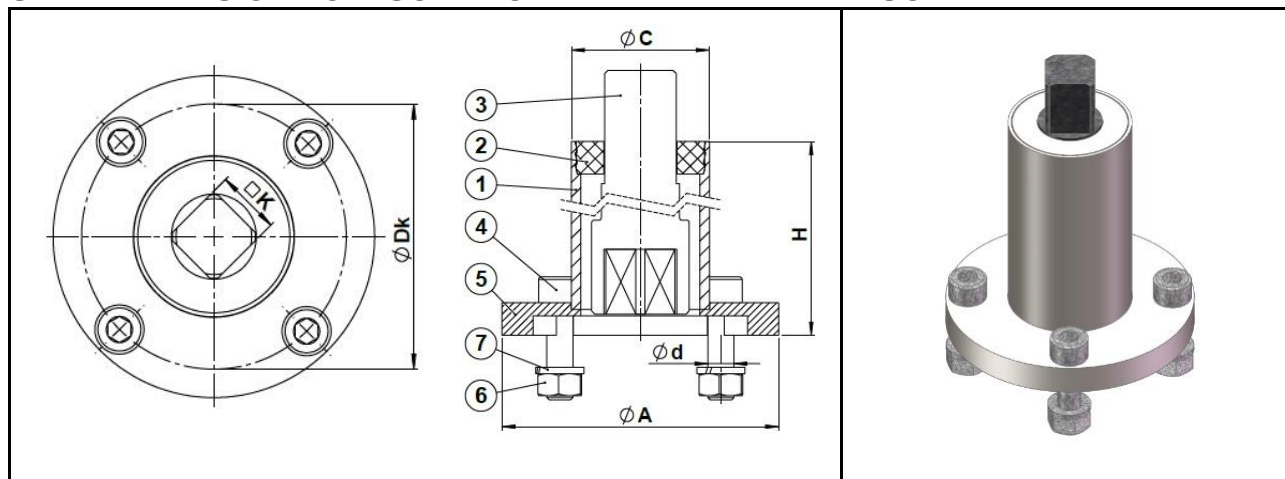


Materials

Body		Carbon Steel (Galvanised)	
Art. nr.	Locker	DN	Weight (kg)
A950200	KPC	25	0,17
A950201	KPC	32	0,35
A950202	KPC	40-50	0,55
A950203	KPC	65-100	0,95
A950204	KPC	125-150	2,15
A950199	KPC	200	0,50
A950198	KPN	15-20	0,20
A950205	KPN	25	0,20
A950206	KPN	32-40	0,35
A950208	KPN	50	0,25
A950209	KPN	65-100	0,15
A950210	KPN	125-150	2,10
A950213	KPN	200	0,39
A950214	KPN	250-300	0,40



STEM EXTENSION FOR ISOLATION – BALL VALVE KP - ISO



Materials

1	Leading tube	P235 TR1
2	Bush	Polyamide
3	Stem	A105
4	Screw	8.8
5	Flange	Carbon Steel
6	Nut	8
7	Washer	Galvanized Steel

Art. nr.	DN	ØDk	H	A	ØC	Ød	ØSxP / K	Weight (kg)
A971460	25	F04 - 42	88	58	26,9 x 2,6	M5	K11	0,41
A971470	32	F04 - 42	89,5	58	26,9 x 2,6	M5	K14	0,44
A971480	40-50	F05 - 50	90,5	65	33,7 x 2,6	M6	K14	0,56
A971490	65-100	F07 - 70	83	85	42,4 x 2,9	M8	K17	0,84
A971500	125-150	F10 - 102	81	95 x 95*	60,3 x 2,9	M10	K22	1,65

*Square plate



STEM PROLONGATION CAP FOR BALL VALVE KPC

	 DN32-50
	 DN65-100
	 DN125-150
	 DN200

Materials

1	Body	Cast Iron GG-25 (Galvanised)
2	Bolts	Steel 8.8

Art. nr.	DN	A	B	H	L	ØC	Ød	Weight (kg)
A954133	32-50	27	32	60	50	50	M6	0,52
A954135	65-100	27	32	65	50	75	M8	0,81
A954137	125-150	27	32	65	50	75	M10	0,83
A954139	200	27	32	80	50	55	M8	0,76



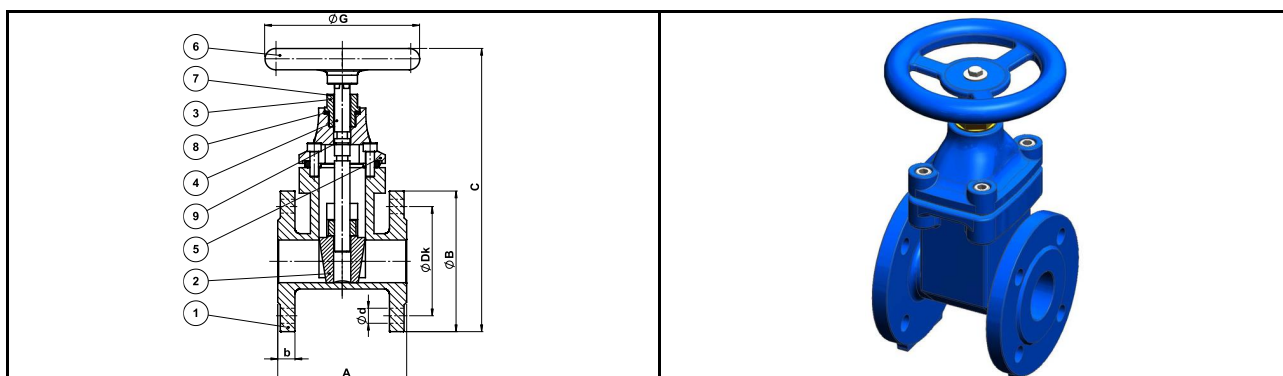
2. GATE VALVES



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GATE VALVE – RESILIENT SEATED – FLAT BODY – NON RISING STEM – F4 DN40–DN500



Working temperature 0 °C/70 °C

Materials

1	Body	Ductile Iron – GGG50
2	Wedge	Ductile Iron – GGG50 with EPDM coating
3	Stem nut	Brass
4	Stem	Stainless Steel – A304
5	Bonnet	Ductile Iron – GGG50
6	Handwheel	Ductile Iron – GGG50
7	Dust ring	EPDM
8	Sealing	NBR
9	O-Ring	NBR

PN10

Art. nr.	DN	A	ØB	ØDk	C	ØG	b	n-Ød	Weight (kg)
A030782	40	140	150	110	315	160	18	4–18	11,0
A012221	50	150	165	125	322	180	20	4–18	13,0
A018900	65	170	185	145	367	180	20	4–18	16,0
A012222	80	180	200	160	400	200	20	8–18	19,0
A011867	80*	180	200	160	400	200	20	4–18	19,0
A012223	100	190	220	180	440	250	22	8–18	28,0
A018901	125	200	250	210	585	280	22	8–18	44,0
A012224	150	210	285	240	602	280	22	8–23	46,0
A034755	200	230	340	295	690	340	24	8–23	80,0
A043875	250	250	405	350	822	400	26	12–22	107,0
A043876	300	270	460	400	935	400	26	12–22	155,0
A045449	350	290	520	460	1090	450	30	16–23	230,0
A045450	400	310	580	515	1180	450	30	16–28	260,0
A045451	500	350	715	620	1407,5	600	30	20–28	470,0

PN16

Art. nr.	DN	A	ØB	ØDk	C	ØG	b	n-Ød	Weight (kg)
A030782	40	140	150	110	315	160	18	4–18	11,0
A012221	50	150	165	125	322	180	20	4–18	13,0
A018900	65	170	185	145	367	180	20	4–18	16,0
A012222	80	180	200	160	400	200	20	8–18	19,0
A011867	80*	180	200	160	400	200	20	4–18	19,0
A012223	100	190	220	180	440	250	22	8–18	28,0
A018901	125	200	250	210	585	280	22	8–18	44,0
A012224	150	210	285	240	602	280	22	8–23	46,0
A018902	200	230	340	295	690	340	24	12–23	80,0
A018903	250	250	405	355	822	400	26	12–27	107,0
A029124	300	270	460	410	935	400	28	12–27	155,0
A032392	350	290	520	470	1350	450	28	16–27	230,0
A045452	400	310	580	525	1180	450	30	16–31	260,0
A045453	500	350	715	650	1407,5	600	30	20–34	470,0

Notes

Face to face dimensions conform to DIN3202 F4.

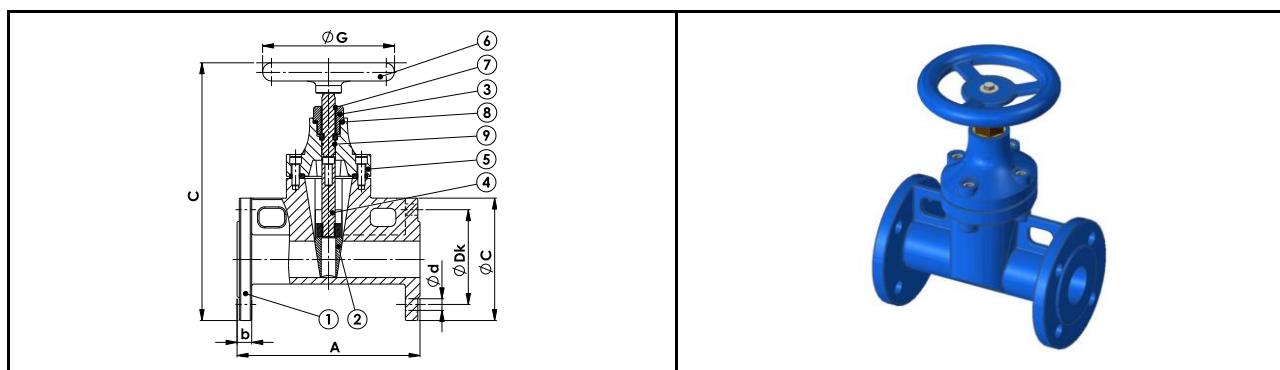
Article numbers for DN40–DN150 are the same for PN10 and PN16 and are always declared as PN16.

*Special: available with 4 holes on flanges.



GATE VALVE – RESILIENT SEATED – OVAL BODY – NON RISING STEM – F5

DN40–DN500



Working temperature 0 °C/70 °C

Materials

1	Body	Ductile Iron – GGG50
2	Wedge	Ductile Iron – GGG50 with EPDM coating
3	Stem nut	Brass
4	Stem	Stainless Steel – A304
5	Bonnet	Ductile Iron – GGG50
6	Handwheel	Ductile Iron – GGG50
7	Dust ring	EPDM
8	Sealing	NBR
9	O-Ring	NBR

PN10

Art. nr.	DN	A	ØC	ØDk	C	ØG	b	n-Ød	Weight (kg)
A030783	40	240	150	110	315	160	18	4-18	12,0
A030325	50	250	165	125	322	180	20	4-18	14,0
A030326	65	270	185	145	367	180	20	4-18	18,0
A030327	80	280	200	160	400	200	20	8-18	22,0
A040229	80*	280	200	160	400	200	20	4-18	22,0
A030328	100	300	220	180	440	250	22	8-18	29,0
A030329	125	325	250	210	585	280	22	8-18	48,0
A030333	150	350	285	240	602	280	22	8-23	58,0
A041038	200	400	340	295	690	340	24	8-23	90,0
A043877	250	450	405	350	814,5	350	28	12-23	130,0
A045454	300	500	460	400	934	400	29	12-23	170,0
A045455	350	550	520	460	1090	450	30	16-23	290,0
A045456	400	600	580	515	1180	450	30	16-28	320,0
A045457	500	700	715	620	1407,5	600	30	20-28	550,0

PN16

Art. nr.	DN	A	ØC	ØDk	C	ØG	b	n-Ød	Weight (kg)
A030783	40	240	150	110	315	160	18	4-18	12,0
A030325	50	250	165	125	322	180	20	4-18	14,0
A030326	65	270	185	145	367	180	20	4-18	18,0
A030327	80	280	200	160	400	200	20	8-18	22,0
A040229	80*	280	200	160	400	200	20	4-18	22,0
A030328	100	300	220	180	440	250	22	8-18	29,0
A030329	125	325	250	210	585	280	22	8-18	48,0
A030333	150	350	285	240	602	280	22	8-23	58,0
A030330	200	400	340	295	690	340	24	12-23	90,0
A030331	250	450	405	355	822	400	26	12-27	130,0
A030332	300	500	460	410	935	400	28	12-27	175,0
A034756	350	550	520	470	1350	450	28	16-27	270,0
A045458	400	600	580	525	1180	450	30	16-31	320,0
A041817	500	700	715	650	1407,5	600	30	20-34	569,0

Notes

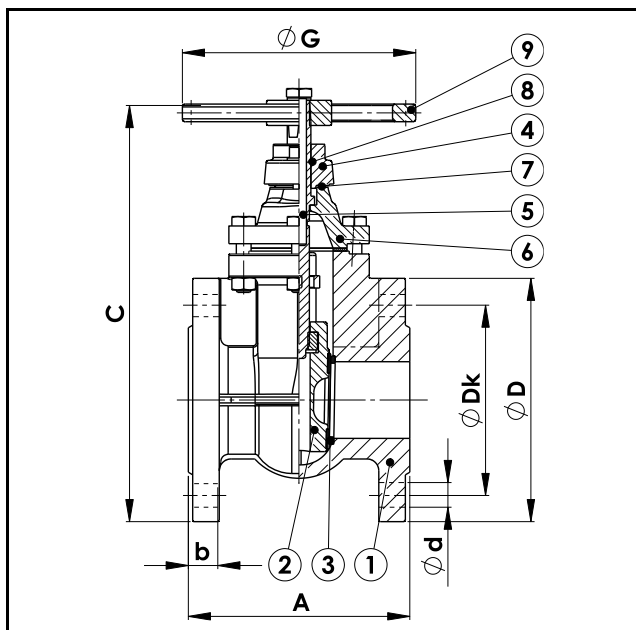
Face to face dimensions conform to DIN3202 F5.

Article numbers for DN40–DN150 are the same for PN10 and PN16 and are always declared as PN16.

*Special: available with 4 holes on flanges.



GATE VALVE – METAL SEATED – FLAT BODY – NON RISING STEM – F4
DN40–DN300



Working temperature 0 °C/90 °C

Materials

1	Body	Cast Iron – GG25
2	Wedge	Cast Iron – GG25
3	Body seat ring & disc seat ring	Brass
4	Stem nut	Brass
5	Stem	Stainless Steel – A304
6	Bonnet	Cast Iron – GG25
7	O-Ring	EPDM
8	Packing	Graphite
9	Handwheel	Cast Iron – GG25

PN10

Art. nr.	DN	A	ØD	C	ØDk	ØG	b	n-Ød	Weight (kg)
A020680	40	140	150	320	110	130	18	4-18	9
A011395	50	150	165	354	125	130	20	4-18	11,5
A012217	65	170	185	396	145	130	20	4-18	14,5
A011396	80	180	200	440	160	150	20	8-18	19
A011397	100	190	220	470	180	185	22	8-18	25
A012218	125	200	250	559	210	185	22	8-18	35
A012219	150	210	285	610	240	195	22	8-23	48
A061132	200	230	340	725	295	225	24	8-23	65
A076641	250	250	395	888	350	245	28	12-23	105
A076640	300	270	445	972	400	285	28	12-23	140

Flanged PN16, max. working pressure 10bar

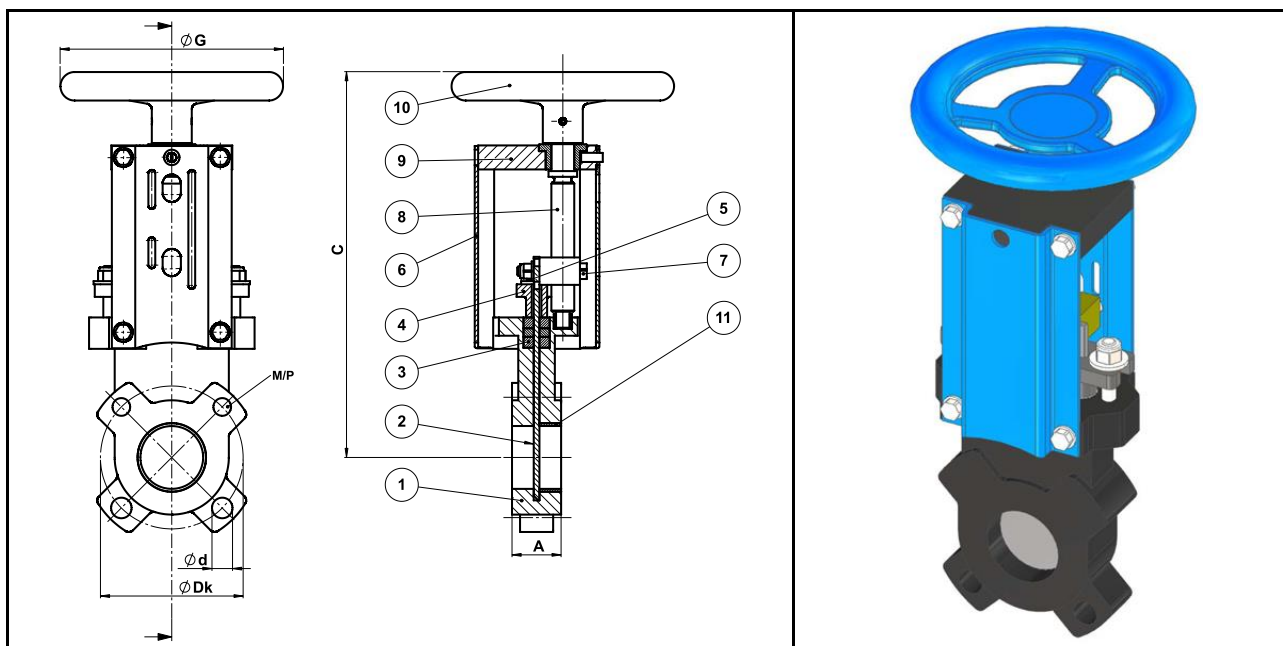
Art. nr.	DN	A	ØD	C	ØDk	ØG	b	n-Ød	Weight (kg)
A020680	40	140	150	320	110	130	18	4-18	9
A011395	50	150	165	354	125	130	20	4-18	11,5
A012217	65	170	185	396	145	130	20	4-18	14,5
A011396	80	180	200	440	160	150	20	8-18	19
A011397	100	190	220	470	180	185	22	8-18	25
A012218	125	200	250	559	210	185	22	8-18	35
A012219	150	210	285	610	240	195	22	8-23	48
A012220	200	230	340	725	295	225	24	12-23	65
A029903	250	250	405	888	355	245	26	12-27	105
A029904	300	270	460	972	410	285	28	12-27	140

Notes

Face to face dimensions conform to DIN3202 F4.



KNIFE GATE VALVE – HANDWHEEL OPERATED – NON RISING STEM **DN50–DN300**



Working temperature 0 °C/90 °C

Materials

1	Body	Cast Iron – GG25
2	Gate	Stainless Steel – A304
3	Packing	PTFE impregnated Syntex Fibre
4	Gland	Ductile Iron (Powder Coated)
5	Fasteners (gland)	Carbon Steel (Plated)
6	Side Plate	Carbon Steel (Powder Coated)
7	Fasteners (for side plate)	Carbon Steel (Plated)
8	Stem	Stainless Steel – A304
9	Top plate	Carbon Steel (Powder Coated)
10	Hand Wheel	Steel (Powder Coated)
11	Seat	EPDM

Art. nr.	DN	A	C	ØDk	ØG	n-M/P*	Ød	Max working pressure (bar)	Weight (kg)
A035635	50	43	328	125	200	2-M16/9,5	18	10	9,5
A035636	65	46	354	145	200	2-M16/9,5	18	10	10,0
A035637	80	46	367	160	200	2-M16/9,5	19	10	11,5
A035638	100	52	396	180	200	2-M16/9,5	19	10	13,2
A035639	125	56	413	210	250	2-M16/11	19	10	18,0
A035640	150	56	482	240	250	2-M20/11	23	8	20,0
A035641	200	60	578	295	350	2-M20/11	23	7	36,0
A035642	250	68	709	350	350	4-M20/11	23	5	51,5
A035643	300	78	815	400	350	4-M20/11	23	5	69,5

Notes

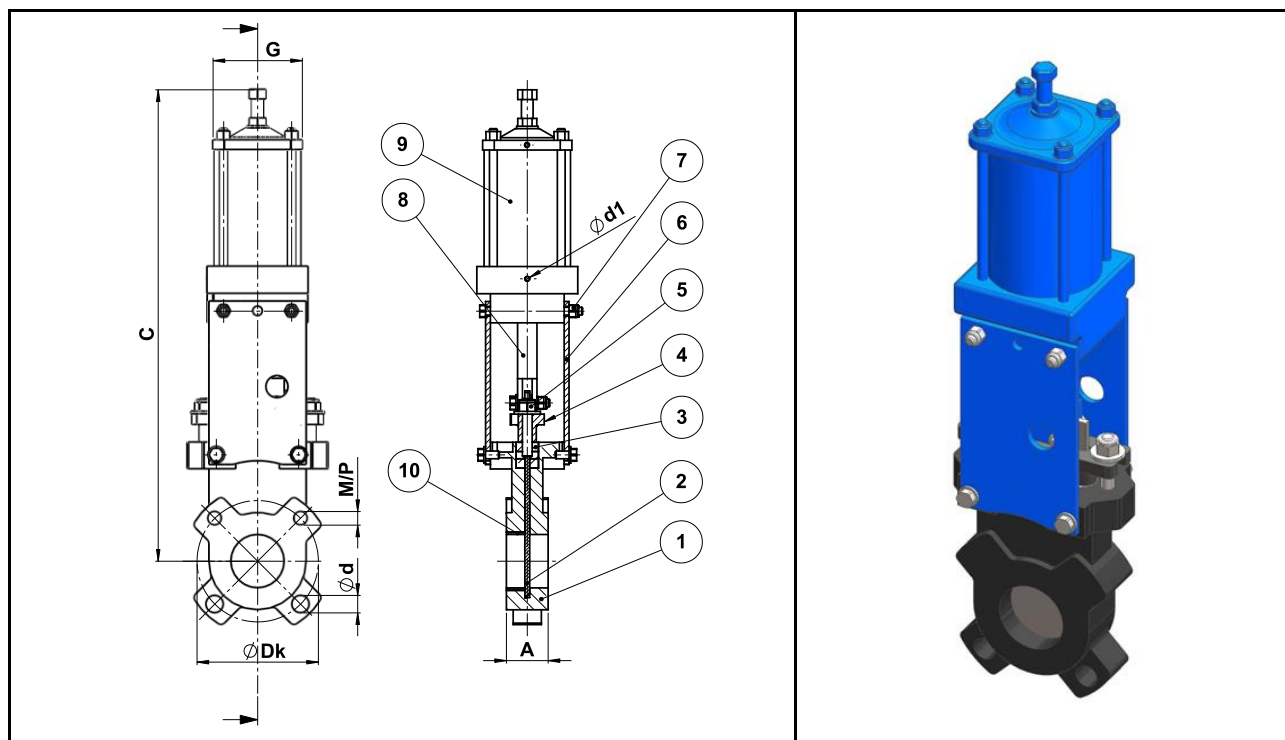
Flange drilling acc. to DIN2642 (PN10), maximum working pressure as per above data sheet.

*Blind tapped holes on the upper side of the body (P=depth).



KNIFE GATE VALVE – PNEUMATICALLY OPERATED

DN50–DN300



Working temperature 0 °C/90 °C

Materials

1	Body	Cast Iron – GG25
2	Gate	Stainless Steel – A304
3	Packing	PTFE impregnated Syntex Fibre
4	Gland	Ductile Iron (Powder Coated)
5	Fasteners (gland)	Carbon Steel (Plated)
6	Side Plate	Carbon Steel (Powder Coated)
7	Fasteners (For Side Plate)	Carbon Steel (Plated)
8	Stem	Stainless Steel – A304
9	Actuator	Frp Tube
10	Seat	EPDM

Art. nr.	DN	A	C	ØDk	G	n-M/P*	Ød	d ₁	Max working pressure (bar)	Weight (kg)
A035644	50	43	460	125	110	2-M16/9,5	18	¼"	10	11,5
A035645	65	46	480	145	110	2-M16/9,5	18	¼"	10	12,5
A035646	80	46	550	160	110	2-M16/9,5	19	¼"	10	13,0
A035647	100	52	620	180	110	2-M16/9,5	19	¼"	10	16,0
A035648	125	56	715	210	110	2-M16/11	19	¼"	10	19,6
A035649	150	56	755	240	110	2-M20/11	23	¼"	8	21,5
A035650	200	60	930	295	165	2-M20/11	23	½"	7	38,0
A035651	250	68	1120	350	165	4-M20/11	23	½"	5	62,5
A035654	300	78	1285	400	260	4-M20/11	23	½"	5	79,5

Notes

Flange drilling acc. to DIN2642 (PN10), maximum working pressure as per above data sheet.

*Blind tapped holes on the upper side of the body (P=depth).



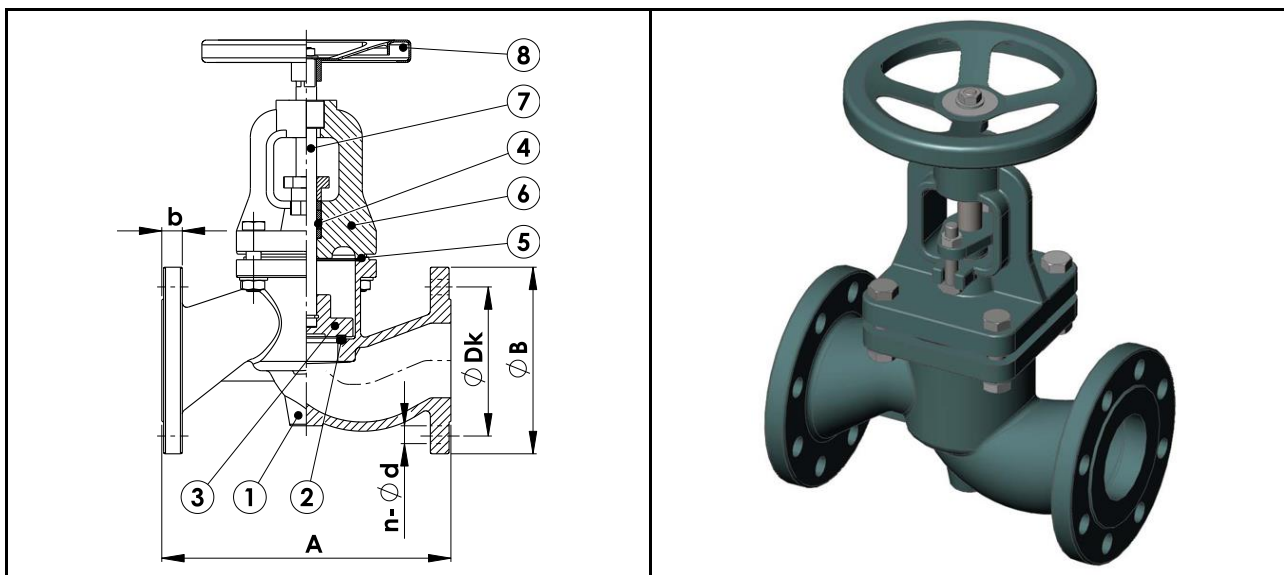
3. GLOBE VALVES



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GLOBE VALVE – STAINLESS STEEL TRIM **DN15–DN250**



Working temperature 0 °C/180 °C

Materials

1	Body	Cast Iron – GG25
2	Seat Ring	Stainless Steel – A304
3	Disc	Stainless Steel – A304
4	Packing	Graphite
5	Bonnet Gasket	Graphite
6	Bonnet	Cast Iron – GG25
7	Stem	Stainless Steel – A304
8	Handwheel	Steel

PN16

Art. nr.	DN	A	B	Dk	b	n-d	Weight (kg)
A029560	15	130	95	65	14	4-14	3,0
A029562	20	150	105	75	16	4-14	4,0
A029563	25	160	115	85	16	4-14	5,5
A029564	32	180	140	100	18	4-18	8,0
A029566	40	200	150	110	18	4-18	11,0
A029567	50	230	165	125	20	4-18	14,7
A029568	65	290	185	145	20	4-18	17,8
A029569	80	310	200	160	22	8-18	26,7
A029570	100	350	220	180	24	8-18	35,4
A029571	125	400	250	210	26	8-18	59,0
A029572	150	480	285	240	26	8-23	78,0
A029573	200	600	340	295	30	12-23	136,0
A058692	250	730	405	355	30	12-28	218,3

Notes

Face to face dimensions conform to DIN3202 F1.



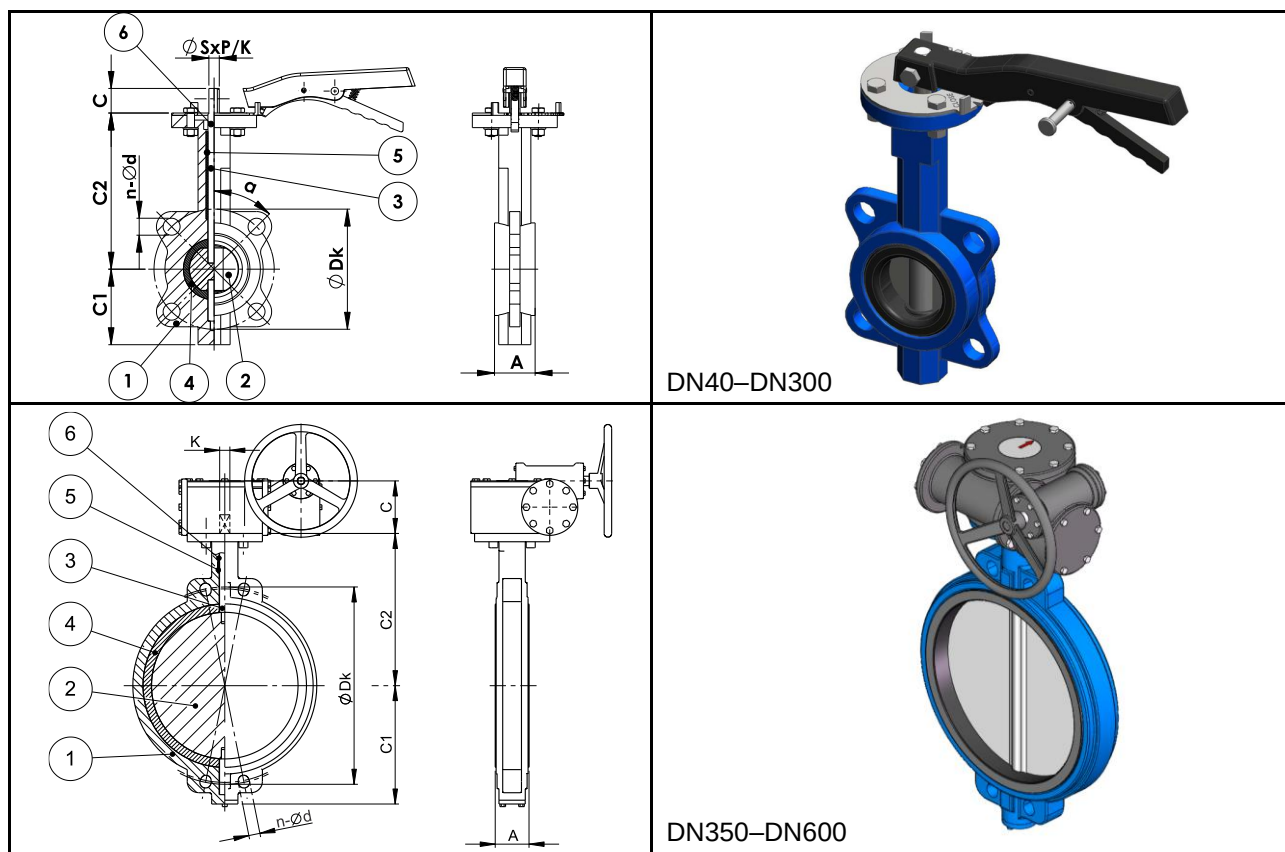
4. BUTTERFLY VALVES



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WAFER BUTTERFLY VALVE **DN40–DN600 CI/DI**



Working temperature 0 °C/120 °C

Materials

1	Body	Cast Iron – GG25
2	Disc	Ductile Iron – GGG50
3	Stem	Stainless Steel – A304
4	Seat	EPDM
5	Bushing	PTFE
6	O-Ring	EPDM

Type: CI/DI

PN16

Art. nr.	DN	A	ØDk	C1	C2	C	n-Ød	α	Top flange ISO	Shaft ØSxP/K	Weight (kg)
A029488	40	33,0	110	65	146	28	4-Ø19	45	F07	K11	3,0
A012225	50	42,5	125	80	161	28	4-Ø19	45	F07	K11	3,8
A012226	65	44,7	145	92	175	28	4-Ø19	45	F07	K11	4,4
A012227	80	45,2	160	95	181	28	8-Ø19	45/22,5	F07	K11	5,0
A012228	100	52,1	180	114	200	28	4-Ø19	22,5	F07	K11	7,0
A012229	125	54,8	210	127	213	28	4-Ø19	22,5	F07	K14	8,0
A012230	150	55,8	240	144	226	28	4-Ø23	22,5	F07	K14	10,0
A012991	200	60,6	295	175	260	36	8-Ø23	22,5/15	F10	K17	16,2
A016479	250	65,7	355	203	292	36	4-Ø28	15	F10	K22	24,8
A012992	300	77,3	400*/410	242	337	36	4-Ø22*/28	15	F10	K22	37,0

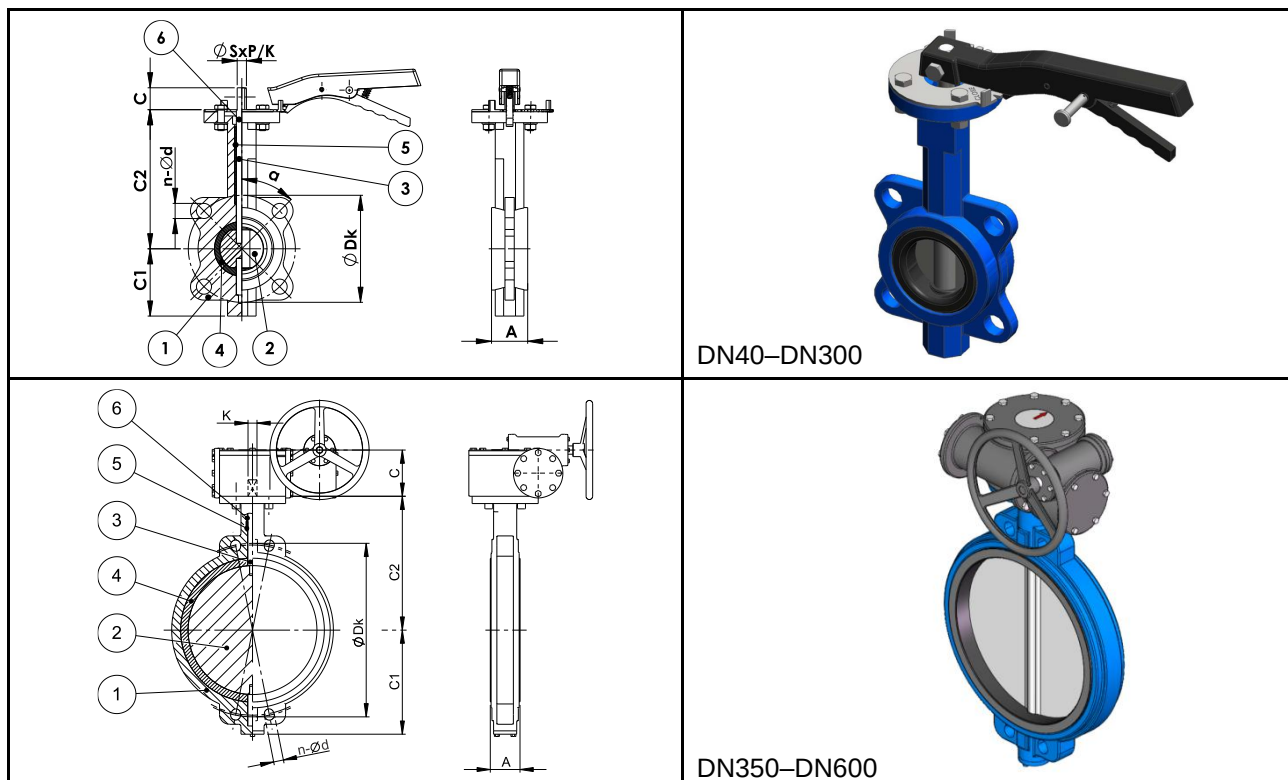
Art. nr.	DN	A	ØDk	C1	C2	C	n-Ød	Top flange ISO	Shaft ØSxP/K	Weight (kg)
A042300	350	80	470	270	370	80	4-Ø26	F12	K22	52,0
A042302	400	90	525	315	405	140	4-Ø30	F14	K27	101,0
A042303	450	110	585	335	425	140	4-Ø30	F14	K27	119,0
A042304	500	135	650	370	480	140	4-Ø33	F14	K27	168,0
A042305	600	160	770	465	565	150	20-Ø36	F16	K36	198,0

Notes

Suitable for installation between flanges drilled according to PN10 and PN16.

*For PN10.

WAFER BUTTERFLY VALVE **DN40–DN600 DI/SS**



Working temperature 0 °C/120 °C

Materials

1	Body	Ductile Iron – GGG50
2	Disc	Stainless Steel – A316
3	Stem	Stainless Steel – A304
4	Seat	EPDM
5	Bushing	PTFE
6	O-Ring	EPDM

Type: DI/SS

PN16

Art. nr.	DN	A	ØDk	C1	C2	C	n-Ød	α	Top flange ISO	Shaft ØSxP/K	Weight (kg)
A029529	40	33	110	65	146	28	4-Ø19	45	F07	K11	3,0
A029064	50	42,5	125	80	161	28	4-Ø19	45	F07	K11	3,8
A029065	65	44,7	145	92	175	28	4-Ø19	45	F07	K11	4,4
A029066	80	45,2	160	95	181	28	8-Ø19	45/22,	F07	K11	5,0
A029067	100	52,1	180	114	200	28	4-Ø19	22,5	F07	K11	7,0
A029068	125	54,8	210	127	213	28	4-Ø19	22,5	F07	K14	8,0
A029069	150	55,8	240	144	226	28	4-Ø23	22,5	F07	K14	10,0
A029070	200	60,6	295	175	260	36	8-Ø23	22,5/1	F10	K17	16,2
A029071	250	65,7	355	203	292	36	4-Ø28	15	F10	K22	24,8
A029072	300	77,3	400*/410	242	337	36	4-Ø22*/28	15	F10	K22	37,0

Type: DI/SS

PN16

Art. nr.	DN	A	ØDk	C1	C2	C	n-Ød	Top flange ISO	Shaft ØSxP/K	Weight (kg)
A042306	350	80	470	270	370	80	4-Ø26	F12	K22	52,0
A042307	400	90	525	315	405	140	4-Ø30	F14	K27	101,0
A042308	450	110	585	335	425	140	4-Ø30	F14	K27	119,0
A042309	500	135	650	370	480	140	4-Ø33	F14	K27	168,0
A042310	600	160	770	465	565	150	20-Ø36	F16	K36	198,0

Working temperature 0 °C/80 °C**Materials**

1	Body	Ductile Iron – GGG50
2	Disc	Stainless Steel – A316
3	Stem	Stainless Steel – A304
4	Seat	NBR
5	Bushing	PTFE
6	O-Ring	EPDM

Type: DI/SS**PN16**

Art. nr.	DN	A	ØDk	C1	C2	C	n-Ød	α	Top flange ISO	Shaft ØSxP/K	Weight (kg)
A046069	40	33,0	110	65	146	28	4-Ø19	45	F07	K11	3,0
A042313	50	42,5	125	80	161	28	4-Ø19	45	F07	K11	3,8
A042317	65	44,7	145	92	175	28	4-Ø19	45	F07	K11	4,4
A042318	80	45,2	160	95	181	28	8-Ø19	45/22,	F07	K11	5,0
A042319	100	52,1	180	114	200	28	4-Ø19	22,5	F07	K11	7,0
A042320	125	54,8	210	127	213	28	4-Ø19	22,5	F07	K14	8,0
A042322	150	55,8	240	144	226	28	4-Ø23	22,5	F07	K14	10,0
A042323	200	60,6	295	175	260	36	8-Ø23	22,5/1	F10	K17	16,2
A046071	250	65,7	355	203	292	36	4-Ø28	15	F10	K22	24,8
A059484	300	77,3	400*/410	242	337	36	4-Ø22*/28	15	F10	K22	37,0

Notes

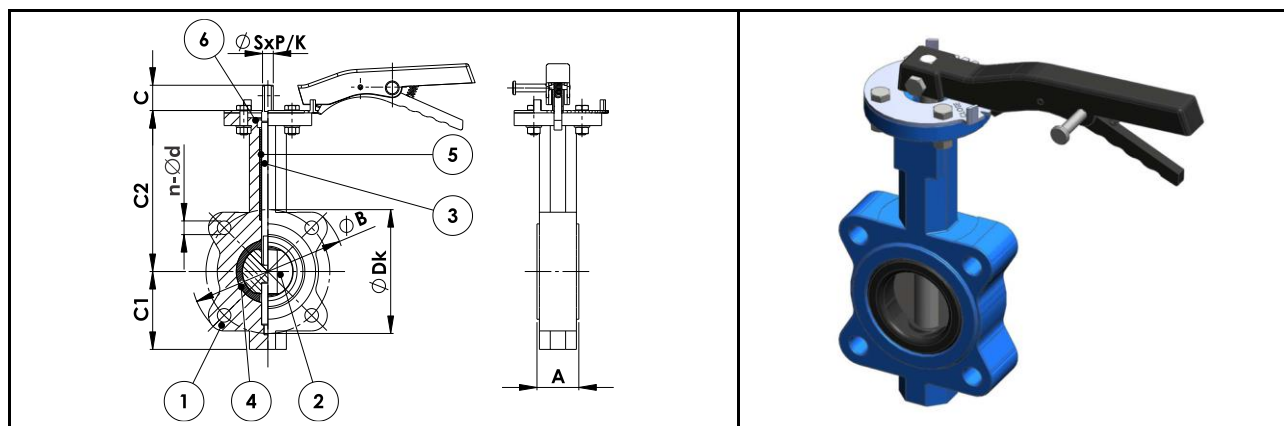
Suitable for installation between flanges drilled according to PN10 and PN16.

*For PN10.



LUGGED BUTTERFLY VALVE

DN40–DN300



Working temperature 0 °C/120 °C

Materials

1	Body	Ductile Iron – GGG50
2	Disc	Stainless Steel – A316
3	Stem	Stainless Steel – A304
4	Seat	EPDM
5	Bushing	PTFE
6	O-Ring	EPDM

PN16

Art. nr.	DN	A	ØB	ØDk	C	C1	C2	n-Ød	Top flange ISO	Shaft ØSxP/K	Weight (kg)
A028448	40	33,0	140	110	28	70	130	4-Ø16	F07	K11	3,1
A028450	50	42,0	157	125	28	80	150	4-Ø16	F07	K11	3,8
A028443	65	44,7	180	145	28	92	164	4-Ø16	F07	K11	4,2
A028444	80	45,2	192	160	28	95	170	8-Ø16	F07	K11	4,7
A028442	100	52,1	222	180	28	114	186	8-Ø16	F07	K11	9,0
A028451	125	54,4	256	210	28	127	201	8-Ø16	F07	K14	10,9
A029255	150	55,8	288	240	28	139	214	8-Ø20	F07	K14	14,2
A029254	200	60,6	340	295	36	175	244	12-Ø20	F10	K17	18,2
A042311	250	68,0	405	355	36	203	292	12-Ø24	F10	K22	31,0
A042312	300	78,0	458	410	36	242	337	12-Ø24	F10	K22	45,0

Working temperature 0 °C/80 °C

Materials

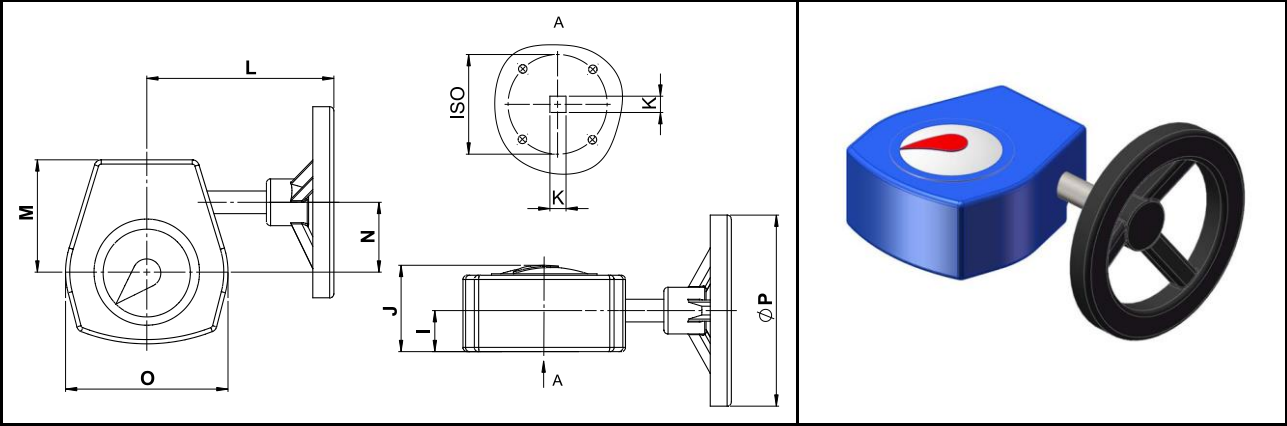
1	Body	Ductile Iron – GGG50
2	Disc	Stainless Steel – A316
3	Stem	Stainless Steel – A304
4	Seat	NBR
5	Bushing	PTFE
6	O-Ring	EPDM

PN16

Art. nr.	DN	A	ØB	ØDk	C	C1	C2	n-Ød	Top flange ISO	Shaft ØSxP/K	Weight (kg)
A046070	40	33,0	140	110	28	70	130	4-Ø16	F07	K11	3,1
A042324	50	42,0	157	125	28	80	150	4-Ø16	F07	K11	3,8
A042325	65	44,7	180	145	28	92	164	4-Ø16	F07	K11	4,2
A042326	80	45,2	192	160	28	95	170	8-Ø16	F07	K11	4,7
A042327	100	52,1	222	180	28	114	186	8-Ø16	F07	K11	9,0
A042330	125	54,4	256	210	28	127	201	8-Ø16	F07	K14	10,9
A042331	150	55,8	288	240	28	139	214	8-Ø20	F07	K14	14,2
A042332	200	60,6	340	295	36	175	244	12-Ø20	F10	K17	18,2
A045533	250	68,0	405	355	36	203	292	12-Ø24	F10	K22	31,0
A045534	300	78,0	458	410	36	242	337	12-Ø24	F10	K22	45,0

ACTUATORS FOR
BUTTERFLY VALVE

MANUAL GEARBOX FOR BUTTERFLY VALVES



Materials

Body		Cast Iron – GG25									
Wheel		Aluminium									
Art.nr.	DN	I	J	L	M	N	O	ØP	ISO	K	Weight (kg)
A031498	40–100	28	67	135	77	45	118	135	F7	K11	2,00
A031499	125–150	33	78	220	110	75	170	210	F7	K14	5,00
A031500	200	33	78	220	110	75	170	210	F10	K17	5,00
A031501	250–300	33	78	220	110	75	170	210	F10	K22	5,00



ACTUATORS FOR BUTTERFLY VALVE

ELECTRIC ACTUATORS

BUTTERFLY VALVE DN		ER RANGE & V ECONOMICAL (ER/VS)								
		Art. nr.	Actuator	Top flange ISO	Shaft K	Lever (Nm)	Duty cycle (%)	Power (W)	Opening time (s)	Weight (kg)
	40-50	A037855	ER20.X0A.G00	F03-F05	14	20	50	15	12	1,50
	65	A038578	ER35.90A.G00	F03-F05	22	35	50	45	7	1,50
	80	A037857	ER60.90A.G00	F05-F07	22	60	50	45	12	3,00
	100	A037858	ER100.90A.G00	F05-F07	22	100	50	45	23	3,00

BUTTERFLY VALVE DN		V RANGE (VR/VS/VT)								
		Art. nr.	Actuator	Top flange ISO	Shaft K	Lever (Nm)	Duty cycle (%)	Power (W)	Opening time (s)	Weight (kg)
	40-50	A037859	VR25.70A.G00	F05-F07	17	25	50	45	7	3,10
	65-80	A037840	VR45.70A.G00	F05-F07	17	45	50	45	15	3,10
	100	A037848	VR75.70A.G00	F05-F07	17	75	50	45	20	3,10
	125	A037072	VS150.90A.G00	F07-F10	22	150	50	85	30	5,60
	150	A037072	VS150.90A.G00	F07-F10	22	150	50	85	30	5,60
	200	A037850	VS300.90A.G00	F07-F10	22	300	50	85	50	5,60
	250	A037851	VT600.A08.T00	F10-F12	36	600	50	250	38	17,10
	300	A037851	VT600.A08.T00	F10-F12	36	600	50	250	38	17,10
	350	A072107	VT1500.B08.G00	F14-F16	46	1500	50	250	113	54,00
	400	A072107	VT1500.B08.G00	F14-F16	46	1500	50	250	113	54,00
	450	A072108	VT2400.B08.G00	F14-F16	46	2400	50	250	113	54,00
	500	A072108	VT2400.B08.G00	F14-F16	46	2400	50	250	113	54,00

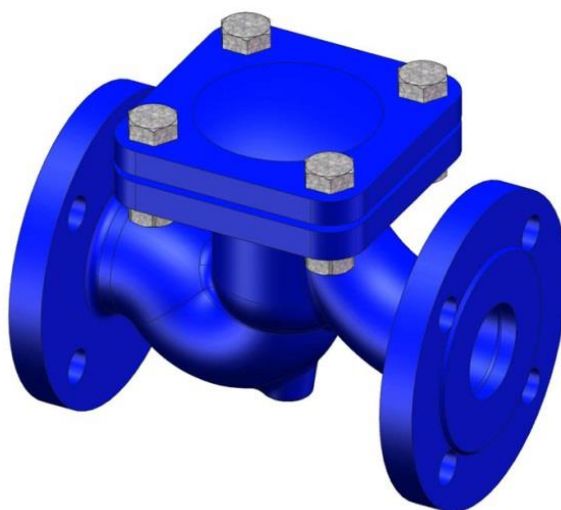
BUTTERFLY VALVE DN		ATEX (VRX/VSX)								
		Art. nr.	Actuator	Top flange ISO	Shaft K	Lever (Nm)	Duty cycle (%)	Power (W)	Opening time (s)	Weight (kg)
	40-50	A037860	VRX25.70A.G00	F05-F07	17	25	50	45	7	4,00
	65-80	A037853	VRX45.70A.G00	F05-F07	17	45	50	45	15	4,00
	100	A037854	VRX75.70A.G00	F05-F07	17	75	50	45	20	4,00
	125	A037861	VSX150.90A.G00	F07-F10	22	150	50	85	30	6,50
	150	A037861	VSX150.90A.G00	F07-F10	22	150	50	85	30	6,50
	200	A037863	VSX300.90A.G00	F07-F10	22	300	50	85	50	6,50

PNEUMATIC ACTUATORS

BUTTERFLY VALVE DN		DOUBLE ACTING (MT)					
		Art. nr.	Actuator	Top flange ISO	Shaft K	Lever (Nm) P=6 bar	Weight (kg)
	40-50	A039358	MT15	F05	14	33	1,83
	65	A039352	MT17	F05	14	44	2,35
	80	A039359	MT20	F07	17	60	2,87
	100	A039353	MT25	F07	17	91	4,00
	125-150	A039360	MT35	F10	22	193	7,58
	200	A039362	MT45	F10	22	377	12,46
	250	A039363	MT50	F12	27	544	17,80
	300	A039365	MT60	F14	36	1099	36,30

BUTTERFLY VALVE DN		SPRING RETURN (UT)					
		Art. nr.	Actuator	Top flange ISO	Shaft K	Lever (Nm)	Weight (kg)
	40	A039366	UT20-SR4	F07	17	21	3,25
	50	A039367	UT25-SR4	F07	17	28	4,52
	65	A039368	UT25-SR5	F07	17	35	4,52
	80	A039370	UT30-SR5	F07	17	53	5,57
	100	A039372	UT35-SR5	F10	22	87	9,02
	125	A039373	UT45-SR4	F10	22	126	15,02
	150	A039375	UT50-SR4	F12	27	196	22,63
	200	A039376	UT60-SR4	F14	36	386	45,90
	250	A039378	UT65-SR5	F14	36	588	52,40

5. CHECK VALVES

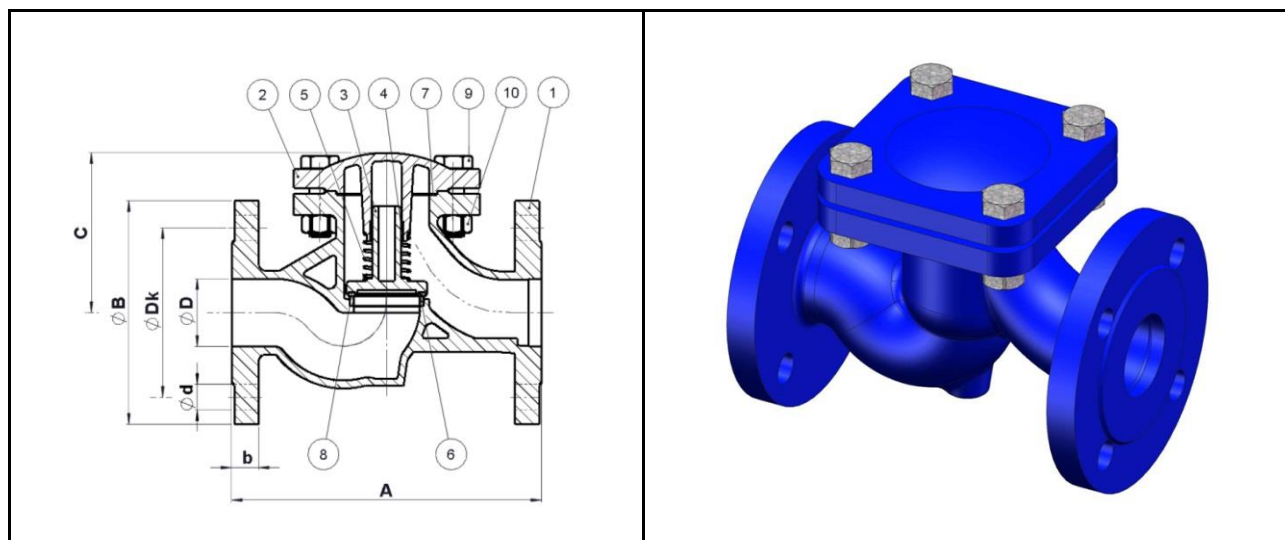


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LIFT CHECK VALVE

DN50–DN200



Working temperature 0°C/180°C

Materials

1	Body	Cast iron – EN-GJL-250
2	Bonnet	Cast iron – EN-GJL-250
3	Disc	Cast iron – EN-GJL-250
4	Disc guide	Brass
5	Spring	Stainless steel – X5CrNi18 10
6	Body ring	Stainless steel – X5CrNi18 10
7	Bonnet gasket	Graphite
8	Disc ring	Stainless steel – X5CrNi18 10
9	Bolts	Carbon steel – galvanized
10	Nuts	Carbon steel – galvanized

PN16

Art. nr.	DN	A	ØB	b	C	ØDk	n-Ød	Weight (kg)
A064968	50	230	165	20	109	125	8-19	11,10
A064969	65	290	185	20	129	145	8-19	16,00
A064970	80	310	200	22	153	160	8-19	26,20
A064971	100	350	220	24	170	180	8-19	35,88
A064972	125	400	250	26	200	210	8-19	51,20
A064973	150	480	285	28	253	240	8-23	77,80
A064974	200	600	340	30	398	295	12-23	133,80

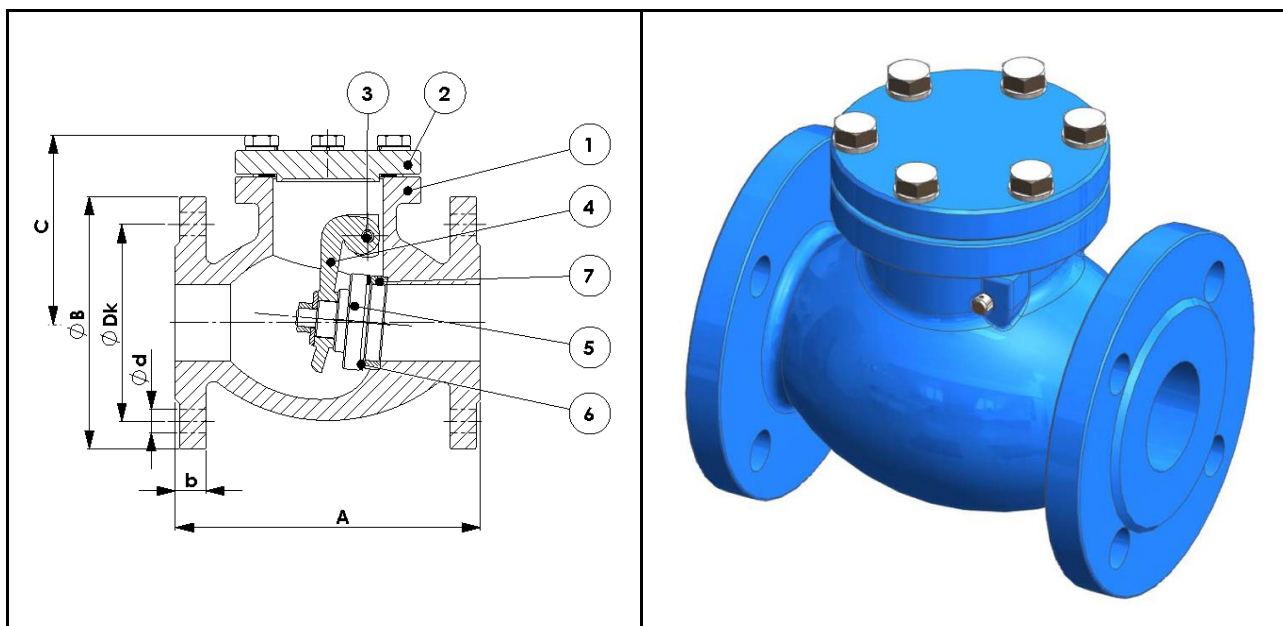
Notes

Face to face dimensions conform to DIN3202 F1.



SWING CHECK VALVE

DN40–DN300



Working temperature 0 °C/120 °C

Materials

1	Body	Cast Iron – GG25
2	Bonnet	Cast Iron – GG25
3	Hanger Pin	Brass
4	Hanger	Ductile Iron – GGG40
5	Disc	Cast Iron – GG25
6	Disc Ring	EPDM
7	Body Ring	Brass

PN16

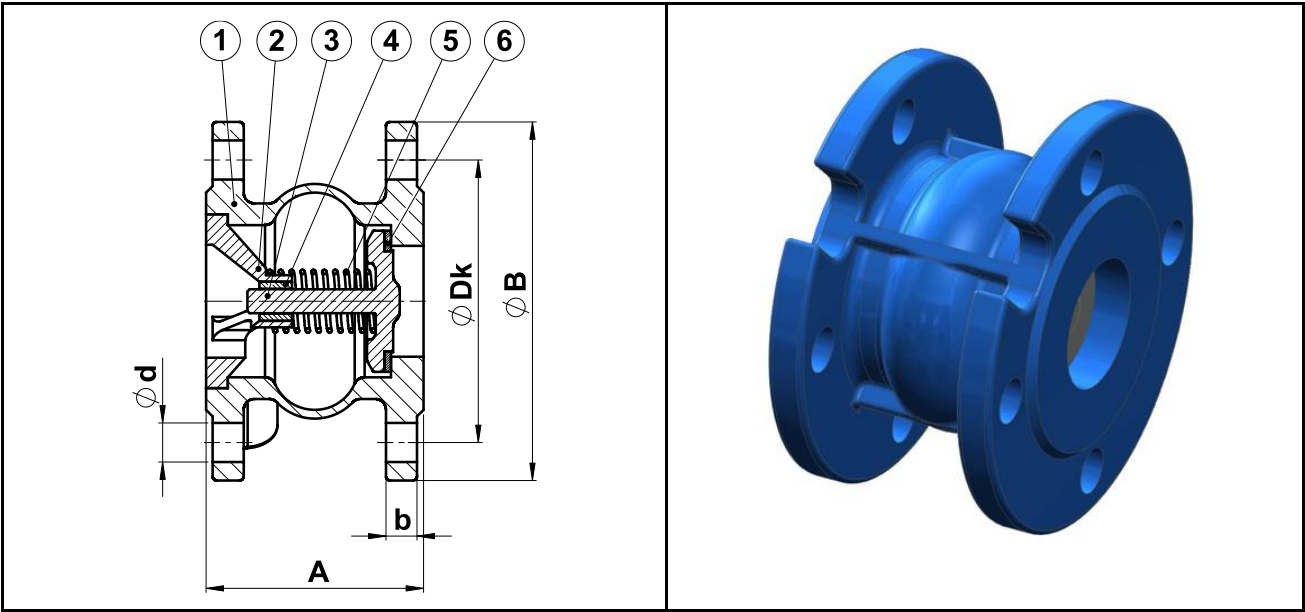
Art. nr.	DN	A	ØB	b	C	ØDk	n-Ød	Weight
A031146	40	180	150	18	118	110	4-18	7,0
A030846	50	200	165	20	120	125	4-18	11,6
A031147	65	240	185	20	125	145	4-18	17,5
A031148	80	260	200	22	147	160	8-18	21,4
A030855	100	300	220	24	158	180	8-18	37,0
A030854	125	350	250	26	188	210	8-18	56,2
A030853	150	400	285	26	193	240	8-23	72,4
A030852	200	500	340	30	250	295	12-23	122,7
A031548	250	600	405	32	300	355	12-27	198,0
A031549	300	700	460	32	342	410	12-27	292,0

Notes

Face to face dimensions conform to DIN3202 F6.



SILENT CHECK VALVE
DN50–DN300



Working temperature 0 °C/100 °C

Materials

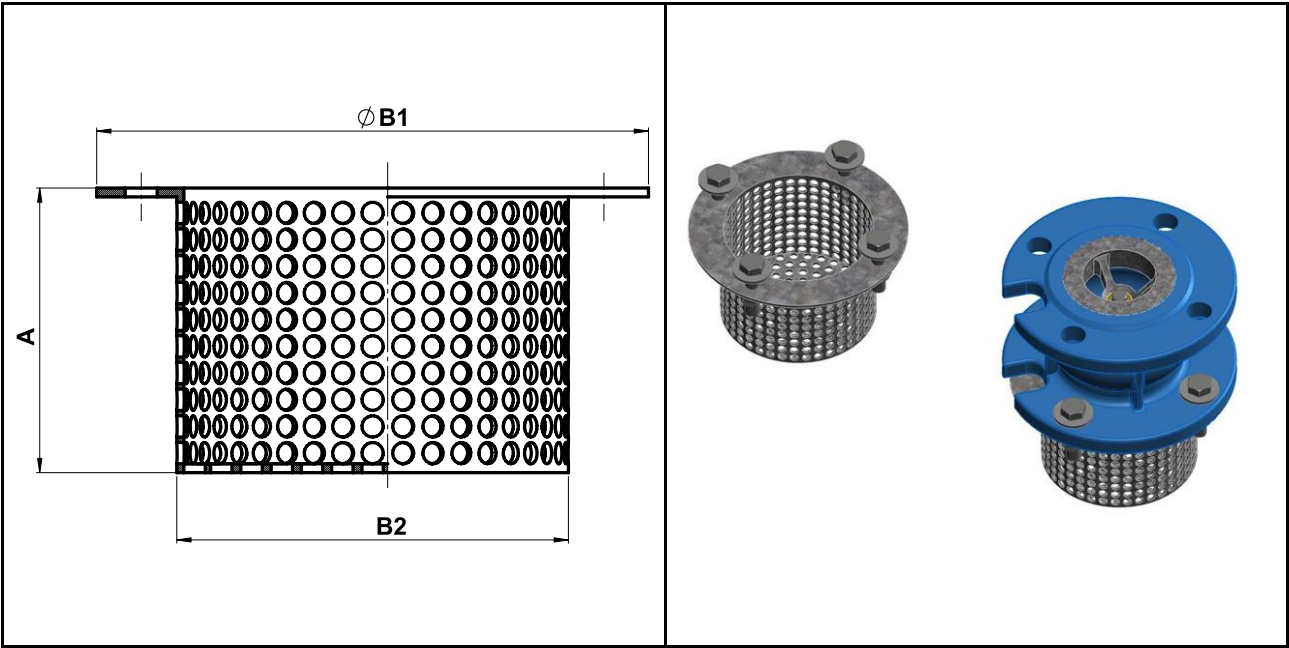
1	Body	Cast Iron – GG25
2	Guide	Cast Iron – GG25
3	Guiding stem	Cast Iron – GG25
4	Bushing	Brass
5	Spring	Stainless Steel – A304
6	Seal	EPDM

PN16

Art. nr.	DN	A	ØB	ØDk	b	n-Ød	Weight (kg)
A002206	50	100	165	125	18	4-18	5,7
A002207	65	120	185	145	20	4-18	8,7
A002208	80	140	200	160	20	8-18	10,8
A002209	100	170	220	180	22	8-18	13,5
A002210	125	200	250	210	24	8-18	21,0
A002211	150	230	285	240	26	8-18	30,0
A002212	200	300	340	295	26	12-23	49,0
A031285	250	370	405	355	30	12-23	73,3
A043384	300	410	460	410	32	12-27	131,0



STRAINER FOR SILENT CHECK VALVE
DN50–DN300



Material

Body	Galvanized Steel
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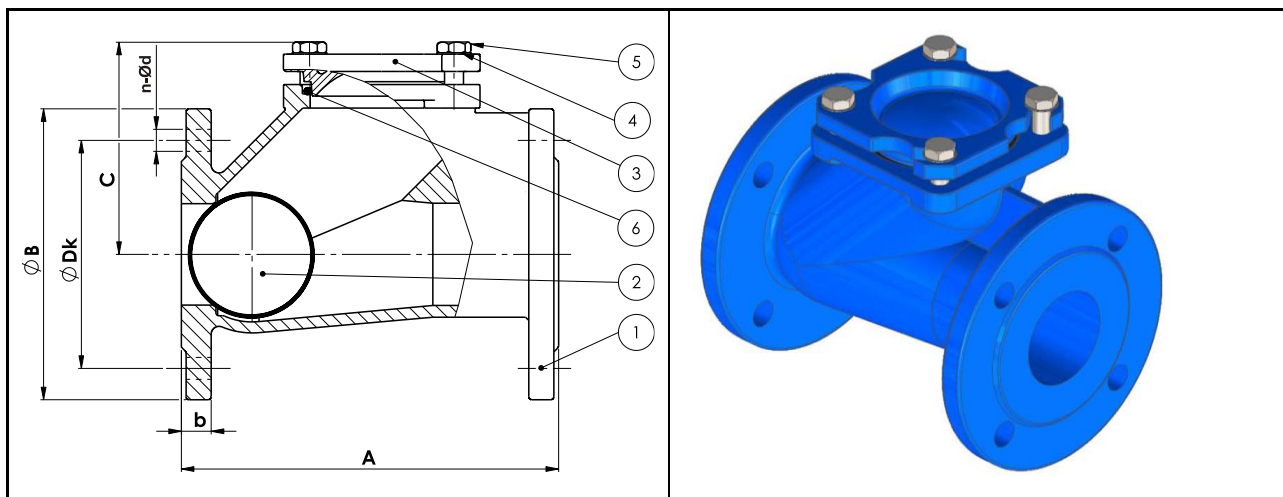
PN16

Art. nr.	DN	A	B1	B2	Weight (kg)
A034093	50	80	156	111	0,4
A034094	65	100	176	131	0,7
A034095	80	120	192	148	0,8
A034096	100	150	212	168	1,0
A034097	125	175	242	198	1,5
A034098	150	200	276	222	2,7
A034099	200	250	332	278	3,5
A034100	250	300	385	329	4,5
A043385	300	350	445	384	5,5



BALL CHECK VALVE – FLANGED

DN50–DN200



Working temperature 0 °C/70 °C

Materials

1	Body	Ductile Iron – GGG40
2	Ball	Aluminium NBR wrapped (DN50 – DN150) Steel NBR wrapped (DN200)
3	Bonnet	Ductile Iron – GGG40
4	Washer	Carbon Steel Zinc plated
5	Bolt	Carbon Steel Zinc plated
6	O-Ring	NBR

PN16

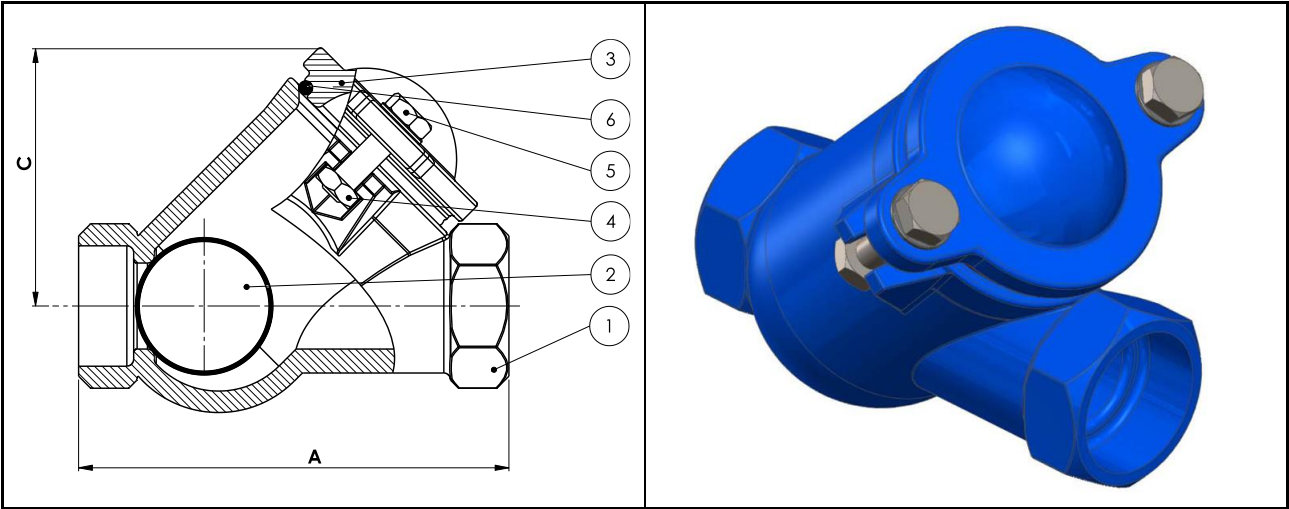
Art. nr.	DN	A	ØB	C	ØDk	b	n-Ød	Weight (kg)
A036460	50	200	165	109	125	20	4-18	7,4
A036461	65	240	185	130	145	20	4-18	11,0
A036462	80	260	200	147	160	22	8-18	15,0
A036463	100	300	220	186	180	24	8-18	22,0
A036464	125	350	250	215	210	26	8-18	34,0
A036465	150	400	285	250	240	26	8-22	45,5
A036466	200	500	340	343	295	30	12-22	87,0

Notes

Face to face dimensions conform to DIN3202 F6.



BALL CHECK VALVE – THREADED
1"-3"



Working temperature 0 °C/70 °C

Materials

1	Body	Ductile Iron – GGG40
2	Ball	Aluminium NBR wrapped
3	Cover	Ductile Iron – GGG40
4	Nut	Carbon Steel Zinc plated
5	Bolt	Carbon Steel Zinc plated
6	O-Ring	NBR

PN16

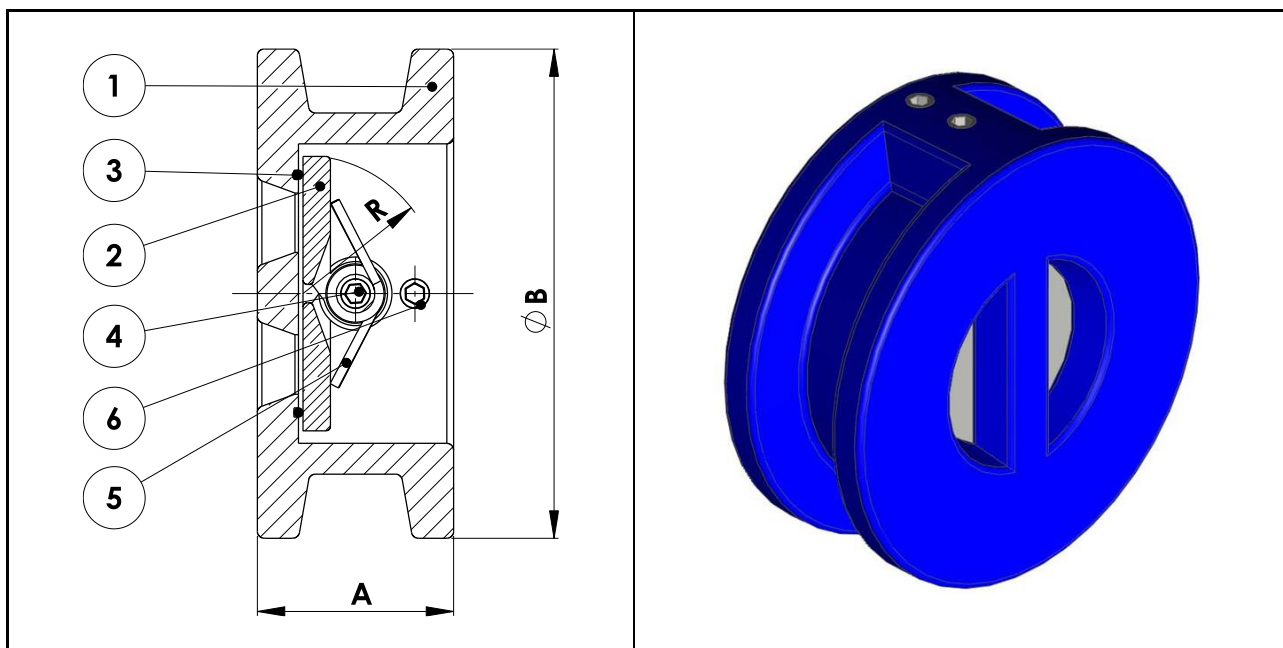
Art. nr.	DN	A	C	Weight (kg)
A036454	1"	125,0	79	1,35
A036455	1 1/4"	132,5	74	1,40
A036456	1 1/2"	145,5	88	2,00
A036457	2"	174,0	114	3,35
A036458	2 1/2"	199,7	134	5,50
A036459	3"	242,5	165	10,55

Notes

Threaded according to BSP.



WAFER DOUBLE DISC CHECK VALVE **DN50–DN600**



Working temperature 0 °C/100 °C

Materials

1	Body	Cast Iron – GG25
2	Disc	Stainless Steel – A304
3	Seat gasket	EPDM
4	Axle	Stainless Steel – A304
5	Spring	Stainless Steel – A304
6	Seal	EPDM

PN16

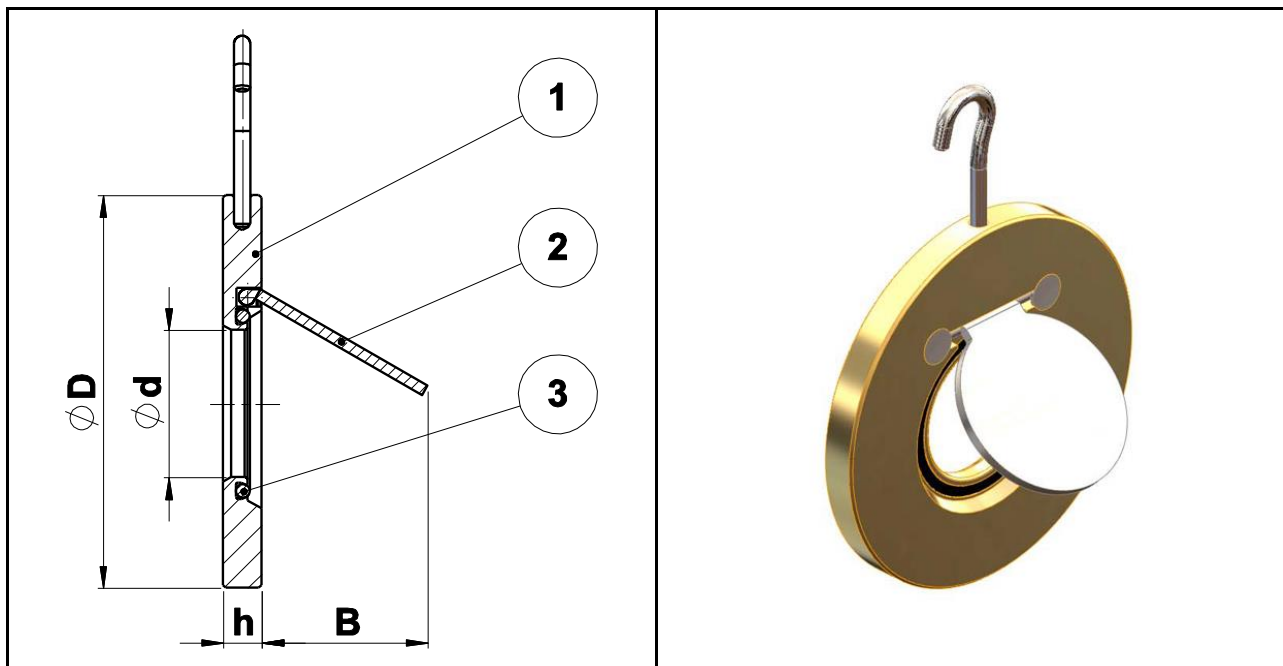
Art. nr.	DN	A	ØB	R	Weight (kg)
A031276	50	43	109	28,8	1,50
A031284	65	46	129	36,1	2,24
A031281	80	64	144	43,4	3,50
A031280	100	64	164	52,8	4,60
A031279	125	70	194	65,7	6,50
A031278	150	76	220	78,6	8,80
A031277	200	89	275	104,4	15,50
A032387	250	114	330	127,0	22,00
A032391	300	114	380	147,0	30,00
A044865	350	127	440	172,4	48,00
A044866	400	140	491	197,4	65,00
A044867	450	152	541	217,8	78,00
A044868	500	152	600	241,0	110,00
A044869	600	178	698	295,4	157,00

Notes

DN50–DN300 suitable also for installation between flanges drilled according to PN10.



WAFER SWING CHECK VALVE
DN32–DN200



Working temperature 0 °C/100 °C

Materials

1	Body	Carbon Steel – A105 Galvanized
2	Disc	Stainless Steel – A304
3	O-Ring	NBR

PN16

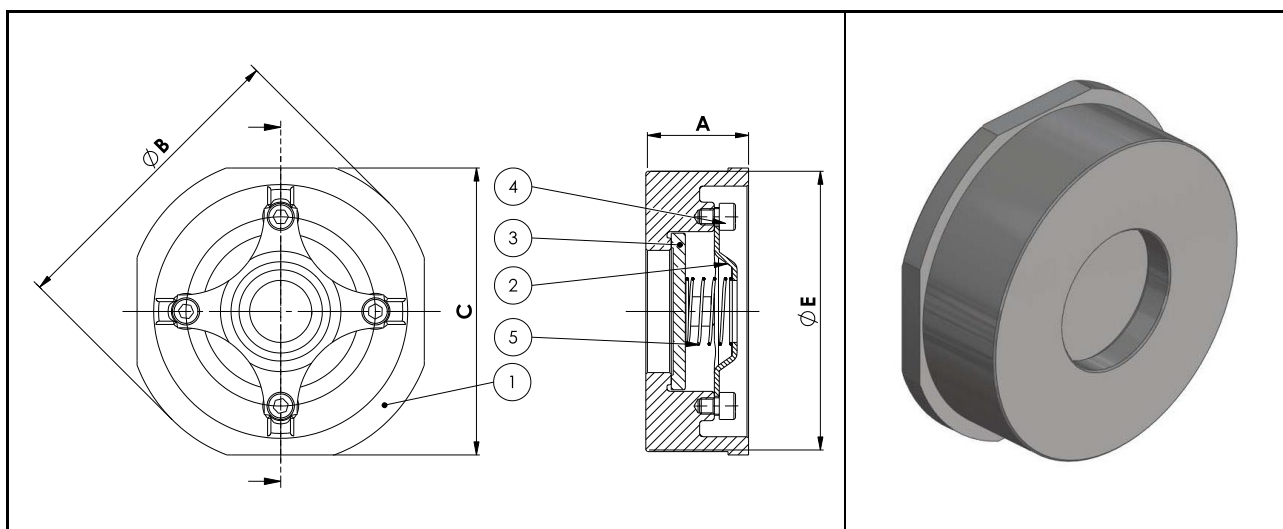
Art. nr.	DN	B	ØD	h	Ød	Weight (kg)
A959100	32	25	84	14	16	0,56
A959101	40	30	95	14	22	0,70
A959102	50	35	109	14	32	0,90
A959103	65	48	129	14	40	1,20
A959104	80	60	144	14	54	1,50
A959105	100	78	164	18	70	2,40
A959106	125	98	195	18	92	3,40
A959107	150	117	220	18	112	4,20
A959108	200	160	275	22	154	7,50

Notes

Suitable for installation between flanges drilled according to PN10.



WAFER SPRING CHECK VALVE – STAINLESS STEEL **DN15–DN100**



Working temperature 0 °C/300 °C

Materials

1	Body	Stainless Steel – A316
2	Spring cover	Stainless Steel – A316
3	Spring	Stainless Steel – A316
4	Bolt	Stainless Steel – A316
5	Disc	Stainless Steel – A316

PN40

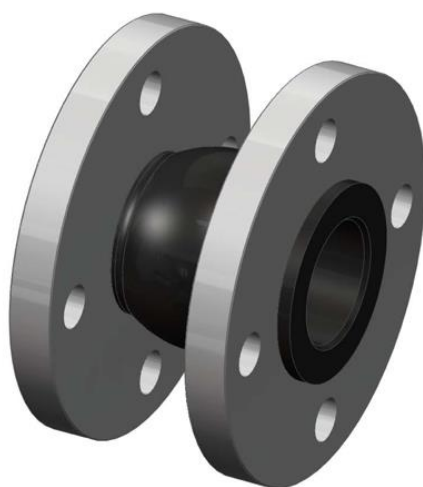
Art. nr.	DN	A	ØB	C	ØE	Weight (kg)
A036440	15	16	53	45	43	0,15
A036441	20	19	63	55	53	0,20
A036446	25	22	73	65	63	0,30
A036448	32	28	84	78	75	0,45
A036449	40	31,5	94	88	86	0,65
A036450	50	40	107	98	95	1,00
A036451	65	46	126	118	115	1,50
A036452	80	50	144	133	131	2,10
A036453	100	60	164	154	151	3,25

Notes

Suitable for installation between flanges drilled according to PN10, PN16, PN25 and PN40.



6. RUBBER FLEXIBLE JOINTS

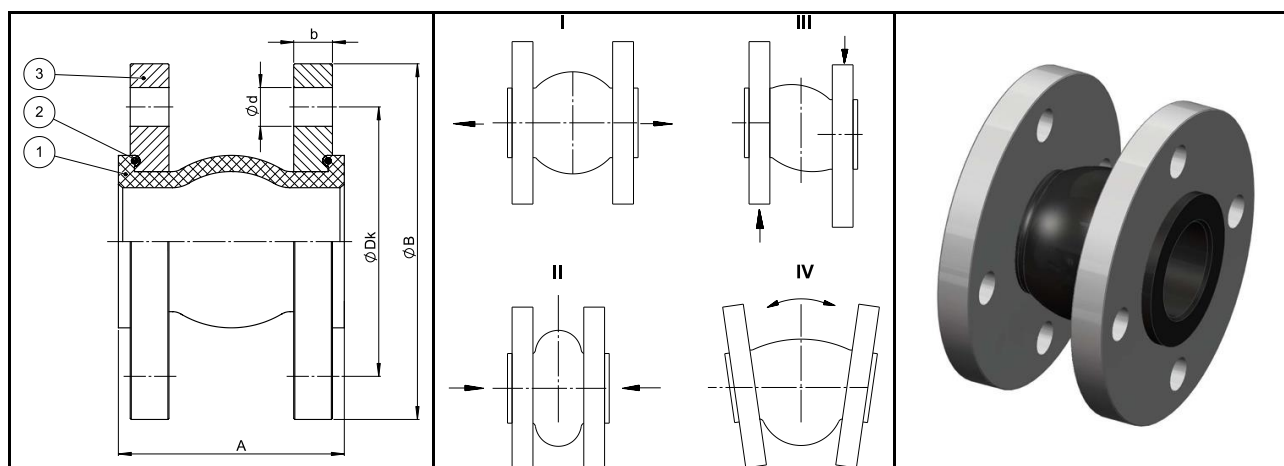


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RUBBER FLEXIBLE JOINT – FLANGED

DN32–DN600



Working temperature 0 °C/100 °C

Materials

1	Body	EPDM
2	Wire	Steel
3	Flange	Carbon Steel

PN10

Art. nr.	DN	A	ØB	b	ØDk	n-Ød	I	II	III	IV	Weight (kg)
A008696	32	95	140	16	100	4-18	6	9	9	15°	3,2
A008697	40	95	150	16	110	4-18	6	10	9	15°	3,7
A008698	50	105	165	18	125	4-18	7	10	10	15°	5,0
A008699	65	115	185	18	145	4-18	7	13	11	15°	6,1
A008700	80	135	200	20	160	8-18	8	15	12	15°	7,1
A008701	100	150	220	20	180	8-18	10	19	13	15°	8,5
A008702	125	165	250	22	210	8-18	12	19	13	15°	11,5
A008703	150	180	285	22	240	8-18	12	20	14	15°	14,4
A044006	200	205	340	24	295	8-22	16	25	22	15°	19,8
A044007	250	230	395	26	350	12-22	16	25	22	15°	26,0
A044008	300	245	445	26	400	12-22	16	25	22	15°	32,3
A008707	350	265	505	26	460	16-22	16	25	22	15°	41,3

PN16

Art. nr.	DN	A	ØB	b	ØDk	n-Ød	I	II	III	IV	Weight (kg)
A008696	32	95	140	16	100	4-18	6	9	9	15°	3,2
A008697	40	95	150	16	110	4-18	6	10	9	15°	3,7
A008698	50	105	165	18	125	4-18	7	10	10	15°	5,0
A008699	65	115	185	18	145	4-18	7	13	11	15°	6,1
A008700	80	135	200	20	160	8-18	8	15	12	15°	7,1
A008701	100	150	220	20	180	8-18	10	19	13	15°	8,5
A008702	125	165	250	22	210	8-18	12	19	13	15°	11,5
A008703	150	180	285	22	240	8-18	12	20	14	15°	14,4
A008704	200	205	340	24	295	12-22	16	25	22	15°	20,0
A008705	250	230	405	26	355	12-22	16	25	22	15°	29,2
A008706	300	245	460	28	410	12-26	16	25	22	15°	37,7
A044001	350	255	520	30	470	16-26	16	25	22	15°	45,6
A044002	400	255	580	32	525	16-30	16	25	22	15°	56,8
A044003	450	255	640	32	585	20-30	16	25	22	15°	70,4
A044004	500	255	715	34	650	20-33	16	25	22	15°	98,0
A044005	600	260	840	38	770	20-36	16	25	22	15°	138,0

Notes

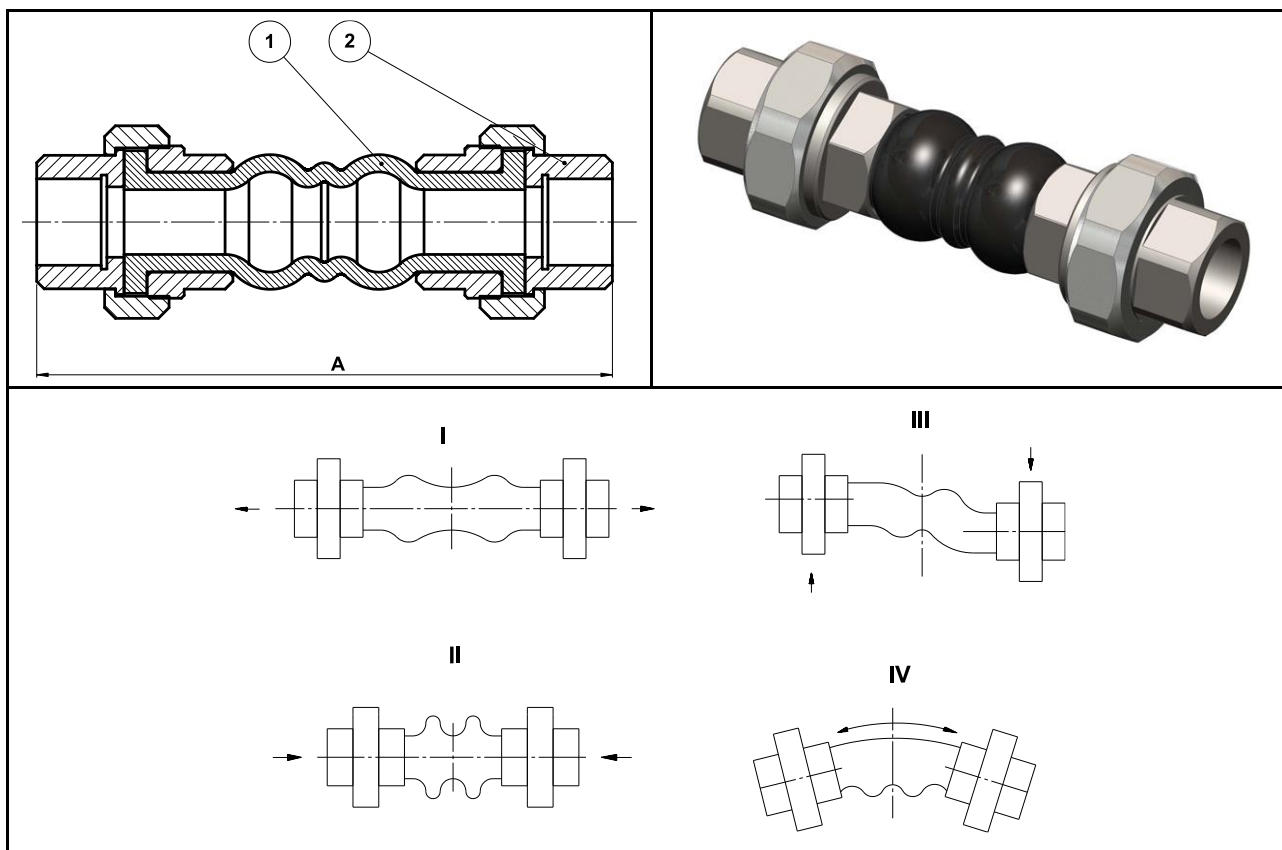
- I – Elongation in mm
- II – Compression in mm
- III – Lateral deflection in mm
- IV – Angular deflection in deg

Article numbers for DN32–DN150 are the same for PN10 and PN16 and are always declared as PN16.



RUBBER FLEXIBLE JOINT – THREADED

3/4"-3"



Working temperature 0 °C/100 °C

Materials

1	Body	EPDM
2	Union	Galvanized Cast Iron – GGG25

PN16

Art. nr.	DN	A	I	II	III	IV	Weight (kg)
A030892	20 3/4"	200	5	22	22	30°	0,7
A030893	25 1"	200	5	22	22	30°	1,2
A030895	32 1 1/4"	200	5	22	22	30°	1,4
A030894	40 1 1/2"	200	5	22	22	30°	1,5
A030896	50 2"	200	5	22	22	20°	2,8
A030897	65 2 1/2"	240	8	24	24	15°	4,2
A030898	80 3"	240	8	24	24	15°	5,5

Notes

I – Elongation in mm

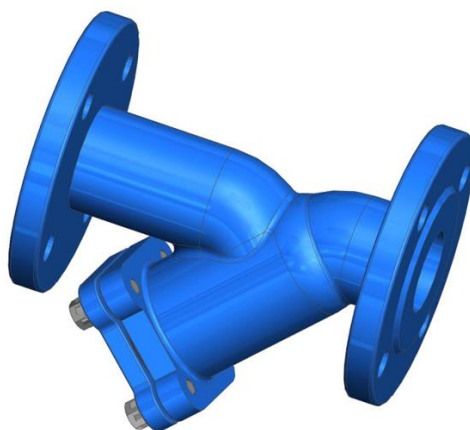
II – Compression in mm

III – Lateral deflection in mm

IV – Angular deflection in deg



7. DIRT STRAINER

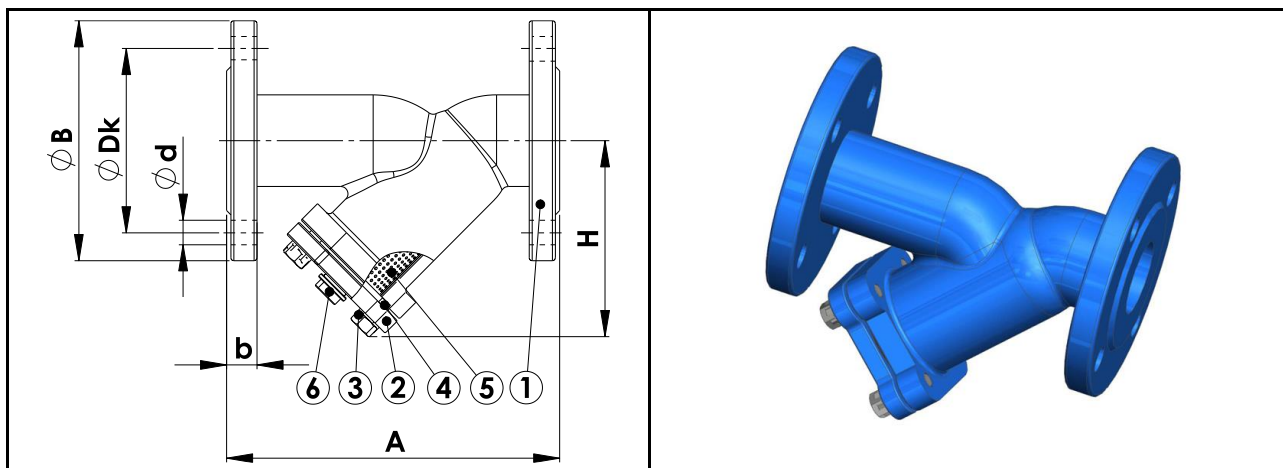


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DIRT STRAINER

DN15–DN300



Working temperature 0 °C/120 °C

Materials

1	Body	Cast Iron – GG25
2	Bonnet	Cast Iron – GG25
3	Bolt	Galvanized Steel
4	Gasket	Graphite Steel
5	Wire mesh	Stainless Steel – A304
6	Plug	Galvanized Steel

PN16

Art. nr.	DN	A	ØB	b	ØDk	n-Ød	H	Weight
A002256	15	130	95	14	65	4-14	72	2,1
A002255	20	150	105	16	75	4-14	78	2,9
A002254	25	160	115	16	85	4-14	88	3,8
A002253	32	180	140	18	100	4-18	100	5,4
A002252	40	200	150	18	110	4-18	125	7,0
A002251	50	230	165	20	125	4-18	138	9,8
A002250	65	290	185	20	145	4-18	178	13,0
A002249	80	310	200	22	160	8-18	190	20,0
A002248	100	350	220	24	180	8-18	230	26,2
A002247	125	400	250	26	210	8-18	250	39,4
A002246	150	480	285	26	240	8-23	300	50,0
A002245	200	600	340	30	295	12-23	370	95,4
A012214	250	730	405	32	355	12-27	485	127,0
A012215	300	850	460	32	410	12-27	565	198,0

Wire mesh

Perforated steel sheet

Notes

Face to face dimensions conform to DIN3202 F1.



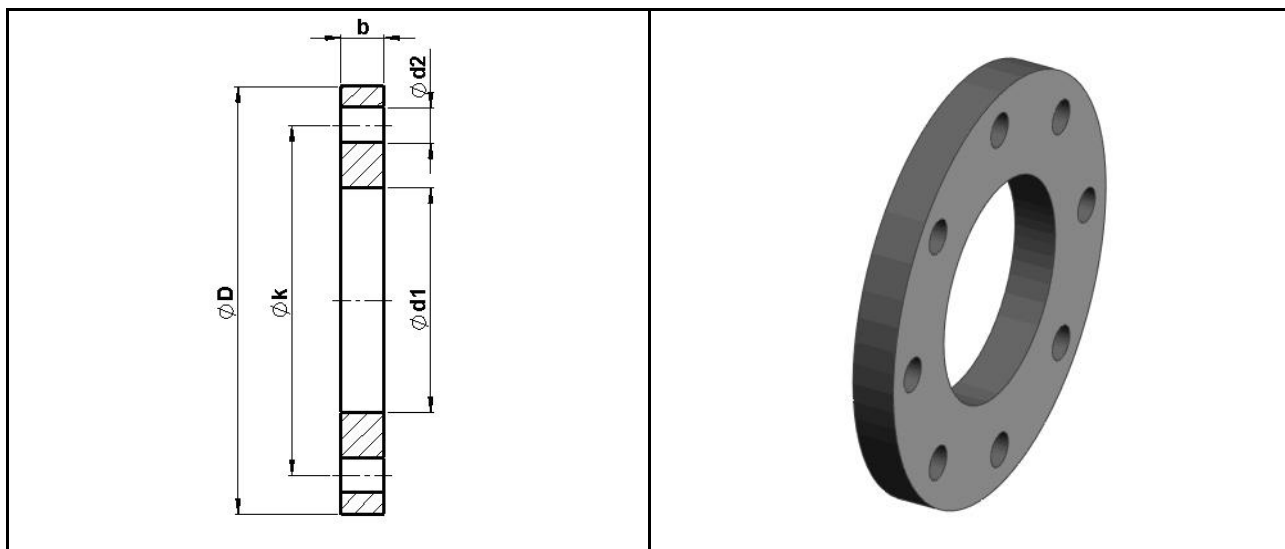
8. FLANGES



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FLAT FLANGE **DN15–DN600**



Materials

Body	Steel St.37.2, S235JR
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DIN 2576

PN10

Art. nr.	DN	b	ØD	Ød ₁	Ød ₂	Øk	N.r.	Thread	Weight (kg)
A044836	200	26	340	219,1	22	295	8	M20	10,10
A044837	250	28	395	273,0	22	350	12	M20	12,90
A044838	300	28	445	323,9	22	400	12	M20	14,80
A059835	350	30	505	355,6	22	460	16	M20	22,00
A059836	400	32	565	406,4	25	515	16	M24	28,00
A059837	450	32	615	457,2	25	565	20	M24	33,30
A059838	500	34	670	508,0	25	620	20	M24	40,30
A059839	600	36	780	609,6	30	725	20	M27	53,80

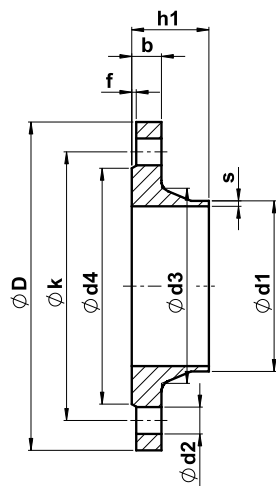
DIN 2577

PN16

Art. nr.	DN	b	ØD	Ød ₁	Ød ₂	Øk	N.r.	Thread	Weight (kg)
A034083	15	12	95	21,3	14	65	4	M12	0,66
A021264	20	14	105	26,9	14	75	4	M12	0,82
A021265	25	14	115	33,7	14	85	4	M12	1,01
A034084	32	16	140	42,4	18	100	4	M16	1,63
A020478	40	16	150	48,3	18	110	4	M16	1,85
A020476	50	18	165	60,3	18	125	4	M16	2,46
A027752	65	18	185	76,1	18	145	4	M16	3,00
A020477	80	20	200	88,9	18	160	8	M16	3,61
A037052	100 (108)	22	220	108,0	18	180	8	M16	4,40
A037053	100 (114)	22	220	114,3	18	180	8	M16	4,30
A065587	125 (133)	22	250	133,0	18	210	8	M16	5,92
A034127	125 (139)	24	250	133,0	18	210	8	M16	5,92
A065586	150 (159)	24	285	159,0	22	240	8	M20	7,17
A035652	150 (168)	24	285	139,7	22	240	8	M20	7,17
A064307	200	26	340	219,1	22	295	12	M20	9,71
A064308	250	29	405	273,0	26	355	12	M24	14,16
A064840	300	32	460	323,9	26	410	12	M24	18,93
A064841	350	35	520	355,6	26	470	16	M24	28,12
A064842	400	38	580	406,4	30	525	16	M27	35,75
A064843	450	42	640	457,2	30	585	20	M27	45,99
A064844	500	46	715	508,0	33	650	20	M30	63,83
A064845	600	52	840	609,6	36	770	20	M33	101,29

NECK FLANGE

DN15–DN600



Materials

Body	Carbon Steel – C22.8
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DIN 2631

PN6

Art. nr.	DN	b	ØD	Ød ₁	Ød ₂	Ød ₃	Ød ₄	h ₁	f	Øk	s	N.r.	Thread	Weight (kg)
A002103	15	12	80	21,3	11	30	40	30	2	55	2,0	4	M10	0,39
A002104	20	14	90	26,9	11	38	50	32	2	65	2,3	4	M10	0,59
A002105	25	14	100	33,7	11	42	60	35	2	75	2,6	4	M10	0,75
A002106	32	14	120	42,4	14	55	70	35	2	90	2,6	4	M12	1,05
A002107	40	14	130	48,3	14	62	80	38	3	100	2,6	4	M12	1,18
A002108	50	14	140	60,3	14	74	90	38	3	110	2,9	4	M12	1,34
A002109	65	14	160	76,1	14	88	110	38	3	130	2,9	4	M12	1,67
A002110	80	16	190	88,9	16	102	128	42	3	150	3,2	4	M16	2,71
A010597	100 (108)	18	210	108,0	18	122	148	45	3	170	3,6	4	M16	3,24
A002111	100 (114)	18	210	114,3	18	130	148	45	3	170	3,6	4	M16	3,24
A010587	125 (133)	18	240	133,0	18	148	178	48	3	200	4,0	8	M16	4,49
A002112	125 (139)	18	240	139,7	18	155	178	48	3	200	4,0	8	M16	4,49
A010590	150 (159)	18	265	159,0	18	172	202	48	3	225	4,5	8	M16	5,15
A002113	150 (168)	18	265	168,3	18	184	202	48	3	225	4,5	8	M16	5,15
A002114	200	20	320	219,1	18	236	258	55	3	280	5,9	8	M16	7,78

DIN 2632

PN10

Art. nr.	DN	b	ØD	Ød ₁	Ød ₂	Ød ₃	Ød ₄	h ₁	f	Øk	s	N.r.	Thread	Weight (kg)
A017659	200	24	340	219,1	22	235	268	62	3	295	5,9	8	M20	11,3
A010593	250	26	395	273,0	22	292	320	68	3	350	6,3	12	M20	14,7
A010594	300	26	445	323,0	22	344	370	68	4	400	7,1	12	M20	17,4
A063223	350	26	505	355,6	22	385	430	68	4	460	7,1	16	M20	23,6
A064341	400	26	565	406,4	26	440	482	72	4	515	7,1	16	M24	28,6
A065571	450	28	615	457,2	26	488	532	72	4	565	7,1	20	M24	31,5
A064342	500	28	670	508,0	26	542	585	75	4	620	7,1	20	M24	38,1
A064625	600	28	780	609,6	30	642	685	80	5	725	7,1	20	M27	44,6

DIN 2633

PN16

Art. nr.	DN	b	ØD	Ød1	Ød2	Ød3	Ød4	h1	f	Øk	s	N.r.	Thread	Weight (kg)
A002116	15	14	95	21,3	14	32	45	35	2	65	2,0	4	M12	0,65
A002117	20	16	105	26,9	14	40	58	38	2	75	2,3	4	M12	0,95
A002118	25	16	115	33,7	14	45	68	38	2	85	2,6	4	M12	1,14
A002119	32	16	140	42,4	18	56	78	40	2	100	2,6	4	M16	1,69
A002120	40	16	150	48,3	18	64	88	42	3	110	2,6	4	M16	1,86
A002121	50	18	165	60,3	18	75	102	45	3	125	2,9	4	M16	2,53
A002122	65	18	185	76,1	18	90	122	45	3	145	2,9	4	M16	3,06
A002123	80	20	200	88,9	18	105	138	50	3	160	3,2	8	M16	3,70
A012522	100 (108)	20	220	108,0	18	125	158	52	3	180	3,6	8	M16	4,62
A002124	100 (114)	20	220	114,3	18	131	158	52	3	180	3,6	8	M16	4,62
A002125	125 (133)	22	250	133,0	18	150	188	55	3	210	4,0	8	M16	6,30
A011486	125 (139)	22	250	139,7	18	156	188	55	3	210	4,0	8	M16	6,30
A002126	150 (159)	22	285	159,0	22	175	212	55	3	240	4,5	8	M20	7,75
A011487	150 (168)	22	285	168,3	22	184	212	55	3	240	4,5	8	M20	7,75
A002127	200	24	340	219,1	22	235	268	62	3	295	5,9	12	M20	11,00
A000428	250	26	405	273,0	26	292	320	70	3	355	6,3	12	M24	15,60
A010595	300	28	460	323,9	26	344	378	78	4	410	7,1	12	M24	23,00
A059830	350	30	520	355,6	26	390	438	82	4	470	8	16	M24	31,20
A021586	400	32	580	406,4	30	445	490	85	4	525	8	16	M27	39,30
A030777	450	34	640	457,2	30	490	550	85	4	585	8	20	M27	44,30
A023662	500	34	715	508,0	33	548	610	90	4	650	8	20	M30	61,00
A059831	600	36	840	610,0	36	652	725	95	5	770	8,8	20	M33	75,40

DIN 2634

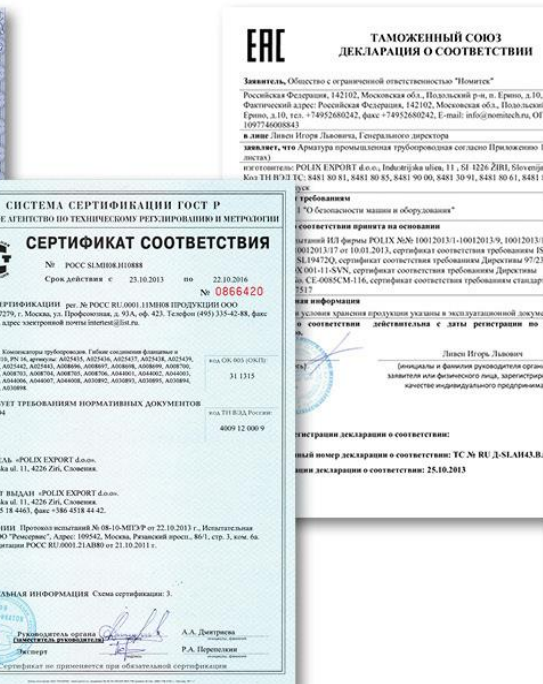
PN25

Art. nr.	DN	b	ØD	Ød1	Ød2	Ød3	Ød4	h1	f	Øk	s	N.r.	Thread	Weight (kg)
A023164	200	30	360	219,1	26	244	278	80	3	310	6,3	12	M24	17,00
A023165	250	32	425	273,0	30	298	335	88	3	370	7,1	12	M27	24,40
A023166	300	34	485	323,9	30	352	395	92	4	430	8	16	M27	31,20
A059832	350	38	555	355,6	33	398	450	100	4	490	8	16	M30	47,20

DIN 2635

PN40

Art. nr.	DN	b	ØD	Ød1	Ød2	Ød3	Ød4	h1	f	Øk	s	N.r.	Thread	Weight (kg)
A002128	15	16	95	21,3	14	32	45	38	2	65	2,0	4	M12	0,74
A002129	20	18	105	26,9	14	40	58	40	2	75	2,3	4	M12	1,06
A002130	25	18	115	33,7	14	46	68	40	2	85	2,6	4	M12	1,29
A002131	32	18	140	42,4	18	56	78	42	2	100	2,6	4	M16	1,88
A002132	40	18	150	48,3	18	64	88	45	3	110	2,6	4	M16	2,33
A002133	50	20	165	60,3	18	75	102	48	3	125	2,9	4	M16	2,82
A002134	65	22	185	76,1	18	90	122	52	3	145	2,9	8	M16	3,74
A002135	80	24	200	88,9	18	105	138	58	3	160	3,2	8	M16	4,75
A010586	100 (108)	24	235	108,0	22	128	162	65	3	190	3,6	8	M20	6,52
A002136	100 (114)	24	235	114,3	22	134	162	65	3	190	3,6	8	M20	6,52
A010589	125 (133)	26	270	133,0	26	155	188	68	3	220	4,0	8	M24	9,07
A002137	125 (139)	26	270	139,7	26	162	188	68	3	220	4,0	8	M24	9,07
A010592	150 (159)	28	300	159,0	26	182	218	75	3	250	4,5	8	M24	11,80
A002138	150 (168)	28	300	168,3	26	192	218	75	3	250	4,5	8	M24	11,80
A002139	200	34	375	219,1	30	244	285	88	3	320	6,3	12	M27	21,00
A059833	250	38	450	273,0	33	306	345	105	4	385	7,1	12	M30	34,90
A059834	300	42	515	323,9	33	362	410	115	4	450	8	16	M30	49,70





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