POLIX ŽIRI

VAŠ PARTNER PRI POSLOVANJU Z VENTILI

YOUR PARTNER IN THE VALVE INDUSTRY



Katalog izdelkov | Product catalogue

2026


POLIX
ŽIRI

VAŠ PARTNER PRI POSLOVANJU Z VENTILI

YOUR PARTNER IN THE VALVE INDUSTRY

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Zgodovina podjetja POLIX iz Žirov izhaja iz davnega leta 1965.
Skozi desetletja se je majhno proizvodno podjetje razvilo v mednarodno podjetje, ki proizvaja pipe pod svojo blagovno znamko POLIX, ki smo jo oblikovali z inovativnim pristopom in priučenim znanjem ter tehnologijo.

Naš program zajema naslednje glavne izdelke:

- Krogelne pipe (za plin, olje, naftne izdelke, vodo, abrazivne medije, varjene pipe)
- Industrijske ventile (zaporne zasune, zaporne ventile, zaporne loputе, nepovratne ventile, gumikomenzatorje, lovilce nesnage, prirobnice).

RAZVOJ

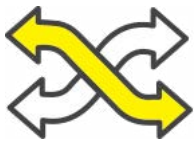
Imamo svoj lasten oddelek za oblikovanje in razvoj.
Naši strokovnjaki so vam vedno na voljo in vam nudijo pomoč in svetovanje, da s skupnimi močni najdemo najboljšo rešitev, ki bo ustrezala vašim željam in zahtevam. Na željo kupca lahko v zelo kratkem času izdelamo vse različice krogelnih pip.

CERTIFIKATI

Polix ima cerifikat kakovosti BVQ ISO 9001: 2015. Imamo tudi naslednje certifikate: DVGW, PED 2014/68 / EU - modul H, HTB in GAR, mednarodni certifikat AGA za Avstralijo.



KVALITETA
QUALITY



FLEKSIBILNOST
FLEXIBILITY



HITRI DOBAVNI ROKI
QUICK DELIVERY TIMES



ZANESLJIVOST
RELIABILITY

The history of the manufacturing company POLIX reaches back to 1965.
Over several decades, the original small manufacturing company developed into an international company producing branded valves under the name of POLIX by innovative approaches based on domestic knowledge and technology.

Today our program contains the following main lines:

- Ball valves (for gas, oil, petroleum products, water, abrassive mediums, welded ball valves)
- Industrial valves (butterfly valves, globe valves, gate valves, check valves, rubber flexible joints, dirt strainers, flanges).

DEVELOPMENT

We have our own design and development department.
Our experts will always be there to help you to choose the best solution for the valve to meet your specifications.
We can make all kinds of variations of ball valves according to the wish of the customer and produce them in a very short time.

APPROVALS

Polix is approved to BVQ ISO 9001:2015 quality system. We also have the following Certification as DVGW, PED 2014/68/EU - Module H, HTB, and GAR. International Certification as AGA for Australia.

Kontakt | Contact



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MKD, RS, KOSOVO XK:

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NASLOV ZA POŠILJANJE IN PREJEMANJE /
SHIPPING ADDRESS AND RECEIVING DEPARTMENT

NASLOV ZA POŠILJANJE /
SHIPPING ADDRESS

POLIMIX d.o.o.
Strojarska ul. 4
4226 Žiri
Slovenia

Delovni čas / Working hours:
Pon. - Pet. 7:00 - 14:00 h
Monday - Friday 7:00 - 14:00 h

CENTRALNO SKLADIŠČE /
CENTRAL WAREHOUSE

HALL I
Industrijska 16
4226 Žiri
Slovenia

Delovni čas / Working hours:
Pon. - Pet. 8:00 - 17:00 h
Monday - Friday 8:00 - 17:00 h

PREVZEM IN PREJEM POŠTE /
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POLIX EXPORT d.o.o.
Strojarska 16
4226 Žiri
Slovenia

Delovni čas / Working hours:
Pon. - Pet. 7:00 - 15:00 h
Monday - Friday 7:00 - 15:00 h

Označevanje

Standardne oznake

1.	**Krogelna pipa**	KP	
	Krogelna pipa za plin	KP - G	
2.	**Izvedba ohišja**	N (-G)	Nodularna litina konstrukcija 1 EN-GJS-400-15; GGG-40 (0.7040)
		C (-G)	Nodularna litina konstrukcija 2 EN-GJS-400-15; GGG-40 (0.7040)
		V (-G)	Ogljikovo jeklo – varjena konstrukcija P235 TR2 (1.0255)
		F (-G)	Ogljikovo jeklo – obdelano A105 (1.0402)
		A (-G)	Ogljikovo jeklo – obdelano A105 (1.0402)
		T (-G)	Ogljikovo jeklo – varjena konstrukcija P235 TR2 (1.0255)
		S	Nerjavno jeklo – obdelano GX5CrNiMo19-11; AISI 316 (1.4408)
		U	Ogljikovo jeklo – varjena konstrukcija P235 TR2 (1.0255)
		I	Nerjavno jeklo – obdelano GX5CrNiMo19-11; AISI 316 (1.4408)
3.	**Velikost**	DN50	od 15 do 400
4.	**Tlačni razred**	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
		AN600	ANSI - Class 600
5.	**Način pretoka**	D	Direktni - polni
		R	Reduciran
6.	**Oblika priključka**	P	Prirobnica
		U	Uvarna
		N	Navojna
		Y	Prehodni kos jeklo-polietilen
		NU	Navojna / uvarna
7.	**Material “O”obroča**	V	FPM-Viton (plin -20 °C ÷ 60 °C)
		N	NBR (-20 °C ÷ 100 °C)
		E	EPDM (-20 °C ÷ 150 °C)
		P	PTFE (-20 °C ÷ 200 °C)
8.	**Material vretena**	X	Nerjavno – X30Cr13 (A420) (1.4028)
9.	**Material tesnilne krogle**	P	PTFE
		M	PTFE + 60% BRON
		D	DEVLON
10.	**Material krogle**	B	Medenina – kromirana – CuZn40Pb2; Ms 58 (2.0402)
		X	Nerjavno jeklo – X5CrNi18-10; AISI 304 (1.4301)

Dodatne oznake

11.	**Konstrukcija podzemnega nastavka**	PG0	Nerazstavljiva PG
		PG1	Razstavljiva PG
12.	**Vrsta pogona**		Ročica
		RR	Ročni reduktor
		PN	Pnevmatski pogon
		EM	Elektro motorni pogon
13.	**Oblika in vrsta nastavka za ključ**	K22	K22=DN25-100; S27=DN125-200
		K32	Dimenzija za ključ
14.	**Konstrukcija oddušnikov**	I1	Enostranski izpust
		I2	Dvostranski izpust
15.	**Način tesnjenja**	ST	Sekundarno tesnenje
16.	**Zgornja prirobnica**	ISO	(Stran 89.)

Način poimenovanja:



Marking

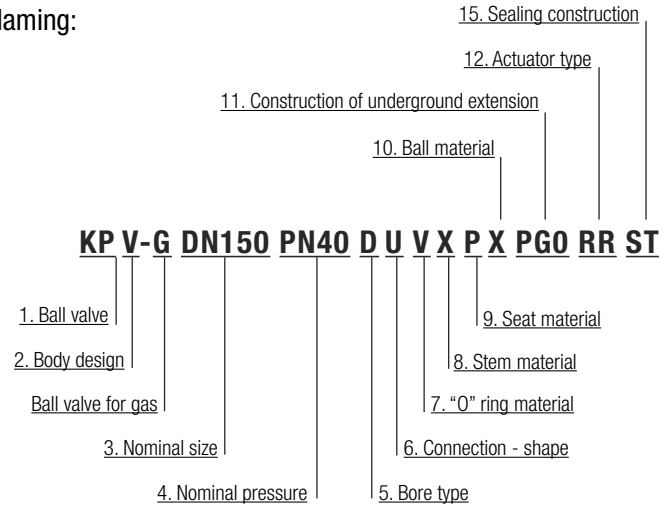
Standard marking

1.	**Ball valve**	KP	
	Ball valve for gas	KP - G	
2.	**Body design – 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 construction 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 construction P235 TR2 (1.0255)
		S	Stainless steel – machined GX5CrNiMo19-11; AISI 316 (1.4408)
		U	Carbon steel – welded construction P235 TR2 (1.0255)
		I	Stainless steel – machined GX5CrNiMo19-11; AISI 316 (1.4408)
3.	**Nominal size**	DN50	from 15 up to 400
4.	**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
		AN600	ANSI - Class 600
5.	**Bore type**	D	Full
		R	Reduced
6.	**Connection – shape**	P	Flange
		U	Butt welded
		N	Threaded
		Y	Transitional piece steel-polyethylene
		NU	Threaded / Butt welded
7.	**“O” ring material**	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)
8.	**Stem material**	X	Stainless steel – X30Cr13 (A420) (1.4028)
9.	**Seat material**	P	PTFE
		M	PTFE + 60% BRONZE
		D	DEVLON
10.	**Ball material**	B	Brass – chrome plated – CuZn40Pb2; Ms 58 (2.0402)
		X	Stainless steel – X5CrNi18-10; AISI 304 (1.4301)

Additional marking

11.	**Construction of underground extension**	PG0	Welded construction PG
		PG1	Split body PG
12.	**Actuator type**		Handle
		RR	Manual gear box
		PN	Pneumatic actuator
		EM	Electric actuator
13.	**Shape of key accessory**	K22	K22=DN25-100; S27=DN125-200
		K32	Key dimension
14.	**Air hole construction**	I1	One – side purge
		I2	Both – side purge
15.	**Sealing construction**	ST	Secondary sealing
16.	**Top flange**	ISO	(Page 89.)

Naming:



KROGELNE PIPE

-

BALL VALVES

KROGELNE PIPE ZA PLIN, NAFTO IN NAFTNE DERIVATE

-

BALL VALVES FOR GAS, OIL AND PETROLEUM PRODUCTS

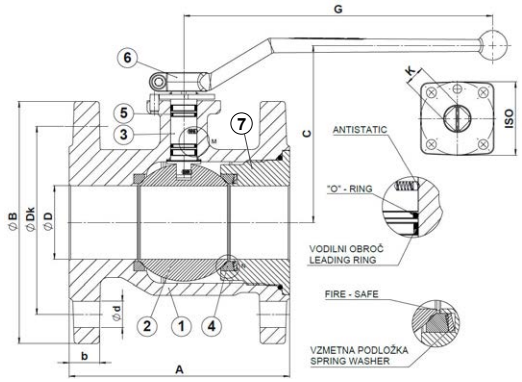
• Prirobnična krogelna pipa iz nodularne litine
• Flanged ductile iron ball valve

KPN-G IZ NODULARNE LITINE / KPN-G DUCTILE IRON

// **Polni pretok /** Full bore

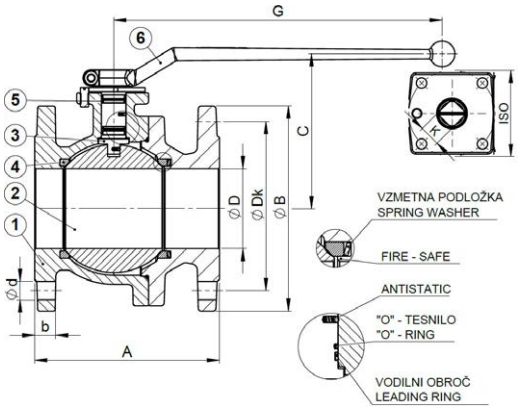
DN15-DN50





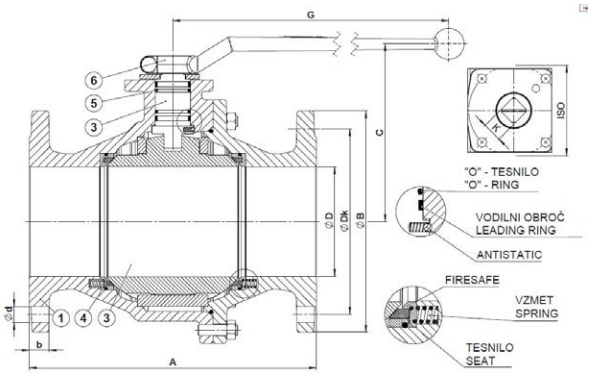
DN65-DN100





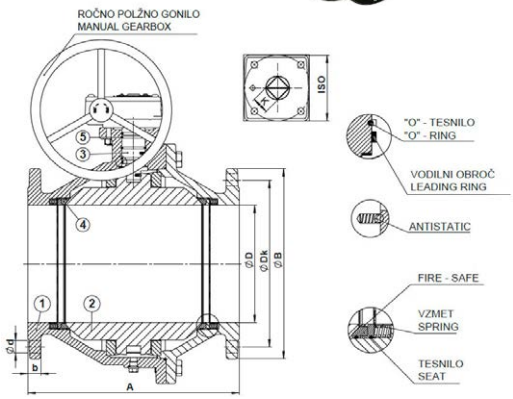
DN125-DN150





DN200-DN300





Materiali / Materials

1	Ohišje Body	Nodularna litina – EN-GJS-400-15 (GGG40) Ductile iron – EN-GJS-400-15 (GGG40)	5	O-Obroč O-Ring	Viton (+60 °C) - FPM
2	Krogla Ball	Nerjavno jeklo - 1.4301 (X5CrNi18-10) AISI 304 Stainless steel - 1.4301 (X5CrNi18-10) AISI 304	6	Ročica Handle	Kovani aluminij – Al6061, opcija: S235JR (St 37-2) Forged Aluminium – Al6061, option: S235JR (St 37-2)
3	Vreteno Stem	Nerjavno jeklo – 1.4028 (X30Cr13) AISI 420 Stainless steel – 1.4028(X30Cr13) AISI 420	7	Matica (DN25-DN50) Tightening nut (DN25-DN50)	Ogljikovo jeklo – A105, P235TR2 Carbon steel – A105, P235TR2
4	Tesnilo krogle Ball seats	Modificiran PTFE – Modified PTFE			

Navor / Torque

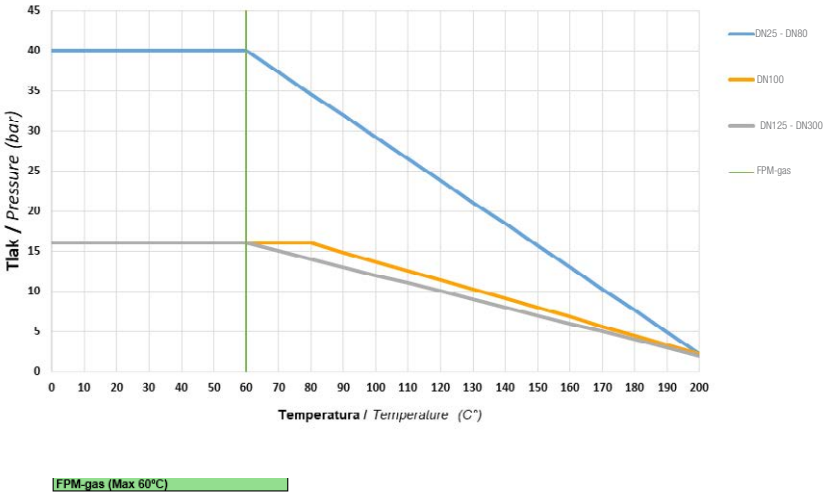
DN	Maks. navor Max torque P = 16 bar T = 20°C	Maks. navor Max torque P = 40 bar T = 20°C	Priporočljivi navor za pogon Recommendable torque for actuator
	[Nm]	[Nm]	[Nm]
15	6	10	20
20	8	15	20
25	15	20	30
32	20	30	45
40	25	40	60
50	35	55	80
65	45	80	120
80	60	100	150
100	90	150	200
125	180	350	450
150	250	500	700
200	400	700	1000
250	500	700	1200
300	600	800	1200

Opombe: Navori so bili izmerjeni s čisto vodo pri sobni temperaturi na ventilih s PTFE tesnili. Navor se lahko poveča pri ventilih, ki imajo tesnila iz drugačnih materialov, pri merjenju z različnimi tekočinami, višjimi temperaturami, posebnimi obratovalnimi pogoji in/ali v primeru, da je ventil dlje časa pod diferenčnim tlakom, ne da bi obratoval.

Remarks: The torques were measured on valves supplied with virgin PTFE seats, with clean water at room temperature. For valves with other seat materials, different fluids, higher temperatures, specific operating conditions and/or in case the valve is kept for a long time under differential pressure without being operated, the torque can increase.

// Delovna temperatura / Working temperature: -20 °C/+60 °C

Diagram tlak I temperatura / Pressure I temperature chart



KPN-G DN … PN16 DP VX PX - ISO

PN16

Art.	DN	A	ØB	C	ØD	G	b	ØDk	Ød	Št. / No.	ISO zgornja prirobnica / Top flange	Nastavek / Shaft K x h	Teža / weight [kg]
A950341	15	115	95	72	13	150	16	65	14	4	F04	□ 11 x 13,5	2,00
A950342	20	120	105	82	19,5	150	18	75	14	4	F04	□ 11 x 13,5	3,30
A950343	25	125	115	83	25	150	18	85	14	4	F04	□ 11 x 13,5	3,60
A950344	32	130	140	102	32	210	18	100	18	4	F04	□ 14 x 18	5,40
A950345	40	140	150	107	40	210	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	□ 27 x 30	144,00
A950013	250	450	405	–	250	–	26	355	26	12	F14	□ 36 x 36	235,00
A950014	300	500	460	–	300	–	29	410	26	12	F14/16	□ 36 x 34	329,00

Uležajena krogla I Trunnion mounted ball

KPN-G DN … PN40 DP VX PX - ISO

PN40

Art.	DN	A	ØB	C	ØD	G	b	ØDk	Ød	Št. / No.	ISO zgornja prirobnica / Top flange	Nastavek / Shaft K x h	Teža / weight [kg]
A951101	15	115	95	72	13	150	16	65	14	4	F04	□ 11 x 13,5	2,00
A951102	20	120	105	82	19,5	150	18	75	14	4	F04	□ 11 x 13,5	3,30
A951103	25	125	115	83	25	150	18	85	14	4	F04	□ 11 x 13,5	3,60
A951104	32	130	140	102	32	210	18	100	18	4	F04	□ 14 x 18	5,40
A951105	40	140	150	107	40	210	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	S17/Ø24	39,00

Opombe

Vgradna dolžina ustreza standardu EN558-1 Basic series 27.
DN50 do DN300 z vzmetenimi tesnili. DN200 do DN300 z ročnim polžnim gonilom. HTB od DN25-DN100.
Antistatična izvedba in požarno tesnilo.
*Ohišje iz ogljikovega jekla – A105.
Plavajoča krogla. Brez silikona. Dvodelno ohišje pritrjeno z vijaki.
Test tesnosti: EN 12266.
Nadgradnje na strani 87 - 94.

Notes

Face to face dimensions conform with the EN558-1 Basic series 27.
DN50 to DN300 with spring-loaded washers.
DN200 to DN300 are with a manual gearbox.
HTB from DN25 to DN100. Antistatic and Fire Safe Design.
*Body made of Carbon Steel – A105.
Floating ball. Free of silicone. Two-piece body, bolted design.
Pressure testing: EN12266.
Upgrades on pages 87 - 94.

Na zahtevo možna izdelava krogelne pipe za 100% vodik.
Ball valves suitable for 100% hydrogen applications are available upon request.

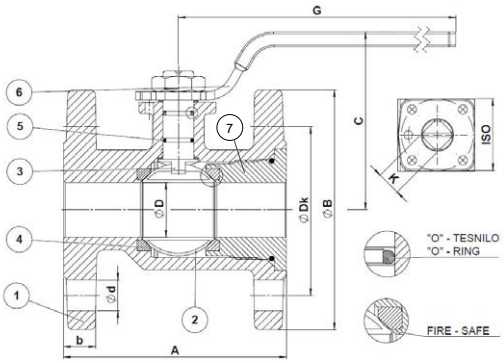
Na zahtevo možna izdelava za kisik.
Ball valve for Oxygen Service available on request.

KPC-G IZ NODULARNE LITINE / KPC-G DUCTILE IRON

// Polni pretok / Full bore

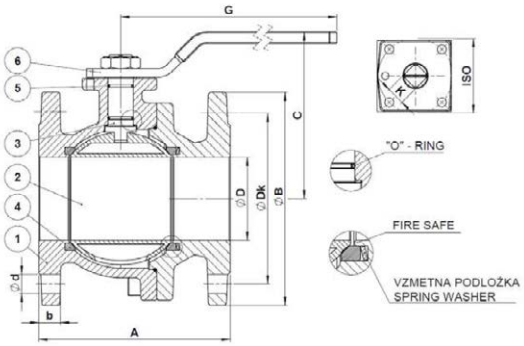
DN25-DN50





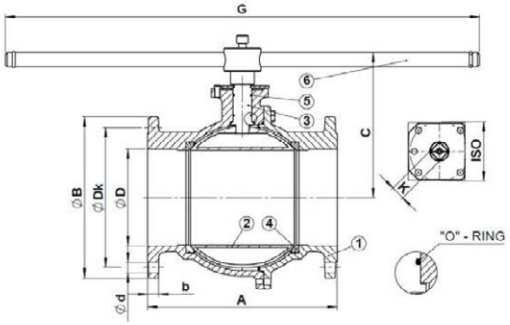
DN65-DN150





DN200





Materiali / Materials

1	Ohišje Body	Nodularna litina – EN-GJS-400-15 (GGG40) Ductile iron – EN-GJS-400-15)	5	O-Obroč O-Ring	Viton (+60 °C) - FPM
2	Krogla Ball	Nerjavno jeklo - 1.4301 (X5CrNi18-10) AISI 304 Stainless steel - 1.4301 (X5CrNi18-10) AISI 304	6	Ročica Handle	Ogljikovo jeklo (cinkano) – S235JR (St 37-2) Carbon steel (galvanized) – S235JR (St 37-2)
3	Vreteno Stem	Nerjavno jeklo – 1.4028 (X30Cr13) AISI 420 Stainless steel – 1.4028(X30Cr13) AISI 420	7	Matica (DN25-DN50) Tightening nut (DN25-DN50)	Ogljikovo jeklo – A105, P235TR2 Carbon steel – A105, P235TR2
4	Tesnilo krogle Ball seats	Modificiran PTFE – Modified PTFE			

// Delovna temperatura / Working temperature: -20 °C/+60 °C

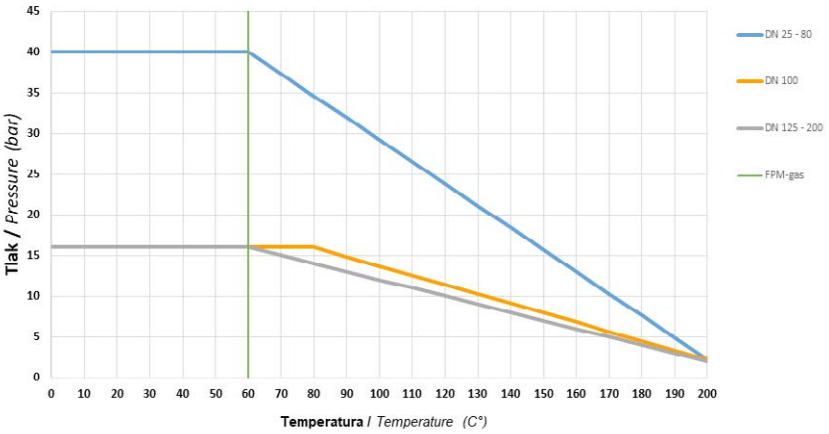
Navor / Torque

DN	Maks. navor Max torque P = 16 bar T = 20°C	Maks. navor Max torque P = 40 bar T = 20°C	Priporočljivi navor za pogon Recommendable torque for actuator
	[Nm]	[Nm]	[Nm]
25	15	20	30
32	20	30	45
40	25	40	60
50	35	55	80
65	45	80	120
80	60	100	150
100	90	150	200
125	180	350	450
150	250	500	700
200	400	700	1000

Opombe: Navori so bili izmerjeni s čisto vodo pri sobni temperaturi na ventilih s PTFE tesnili. Navor se lahko poveča pri ventilih, ki imajo tesnila iz drugačnih materialov, pri merjenju z različnimi tekočinami, višjimi temperaturami, posebnimi obratovalnimi pogoji in/ali v primeru, da je ventil dlje časa pod diferenčnim tlakom, ne da bi obratoval.

Remarks: The torques were measured on valves supplied with virgin PTFE seats, with clean water at room temperature. For valves with other seat materials, different fluids, higher temperatures, specific operating conditions and/or in case the valve is kept for a long time under differential pressure without being operated, the torque can increase.

Diagram tlak I temperatura / Pressure I temperature chart



Tesnila na vretenu, ohišju I Stem and body seals

FPM-gas (Max 60°C)

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

PN16

Art.	DN	A	ØB	C	ØD	G	b	ØDk	Ød	Št. / No.	ISO zgornja prirobnica / Top flange	Nastavek / Shaft K x h	Teža / weight [kg]
A954423	25	125	115	76	25	153	18	85	14	4	F04	□ 11 x 13,5	3,85
A954424	32	130	140	92	31	237	18	100	18	4	F04	□ 14 x 18	5,60
A954425	40	140	150	97	39	276	18	110	18	4	F05	□ 14 x 18	6,75
A954426	50	150	165	105	49	276	20	125	18	4	F05	□ 14 x 18	8,70
A954427	65	170	185	124	63	340	18	145	18	4	F07	□ 17 x 23	13,95
A954428	80	180	200	133	76	340	20	160	18	8	F07	□ 17 x 23	17,55
A954429	100	190	220	153	100	340	20	180	18	8	F07	□ 17 x 23	21,80
A954430	125	200*	250	183	125	541	22	210	18	8	F10	□ 27 x 22	29,70
A954433	125	325	250	183	125	541	22	210	18	8	F10	□ 27 x 22	34,60
A954431	150	210*	285	203	142	541	22	240	22	8	F10	□ 27 x 22	38,55
A954434	150	350	285	203	142	541	22	240	22	8	F10	□ 27 x 22	45,70
A954432	200	400	340	316	200	1000	24	295	22	12	F12	□ 27 x 31	85,65

Opombe

DN25 in DN32 sta s polno kroglo.
*Vgradna dolžina ustreza standardu EN558-1 Basic series 14.
Vgradna dolžina ustreza standardu EN558-1 Basic series 27.
DN65 do DN200 dvodelno ohišje pritrjeno z vijaki.
Nadgradnje na strani 87 - 94.

Notes

DN25 and DN32 valves feature a solid ball.
*Face to face dimensions conform with the EN558-1 Basic series 14.
Face to face dimensions conform with the EN558-1 Basic series 27.
DN65 to DN200 two-piece body, bolted design.
Upgrades on pages 87 - 94.

Na zahtevo možna izdelava krogelne pipe za 100% vodik.
Ball valves suitable for 100% hydrogen applications are available upon request.

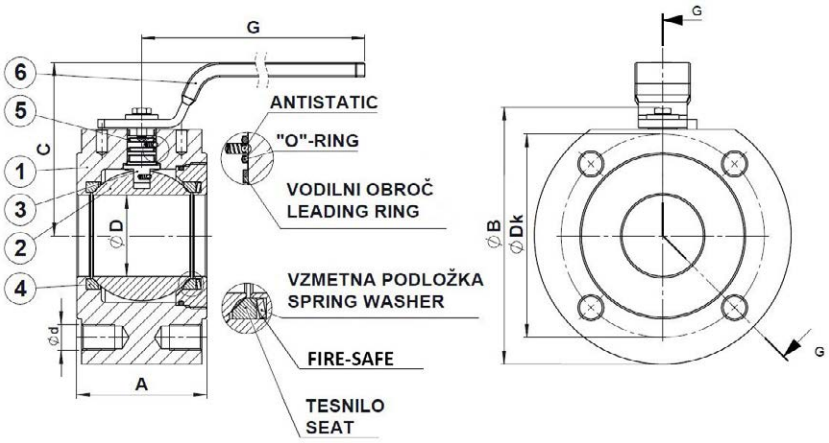
Na zahtevo možna izdelava za kisik.
Ball valve for Oxygen Service available on request.

- **Medprirobnična krogelna pipa iz ogljikovega jekla**
- Wafer carbon steel ball valve

KPA-G IZ OGLJIKOVEGA JEKLA / KPA-G CARBON STEEL

// **Polni pretok /** Full bore





Materiali / Materials

1	Ohišje Body	Ogljikovo jeklo – A105, P235TR2 Carbon steel – A105, P235TR2
2	Krogla Ball	Nerjavno jeklo - 1.4301 (X5CrNi18-10) AISI 304 Stainless steel - 1.4301 (X5CrNi18-10) AISI 304
3	Vreteno Stem	Nerjavno jeklo – 1.4028 (X30Cr13) AISI 420 Stainless steel – 1.4028(X30Cr13) AISI 420
4	Tesnilo krogle Ball seats	Teflon – PTFE
5	O-Obroč O-Ring	Viton (+60 °C) - FPM
6	Ročica Handle	Ogljikovo jeklo (cinkano) – S235JR (St 37-2) Carbon steel (galvanized) – S235JR (St 37-2)

Navor / Torque

DN	**Maks. navor** Max torque **P = 16 bar** **T = 20°C**	**Maks. navor** Max torque **P = 40 bar** **T = 20°C**	**Priporočljivi navor za pogon** Recommendable torque for actuator
	[Nm]	[Nm]	[Nm]
15	6	10	20
20	8	15	20
25	15	20	30
32	20	30	45
40	25	40	60
50	35	55	80
65	45	80	120
80	60	100	150
100	90	150	200
125	180	350	450
150	250	500	700
200	400	700	1000

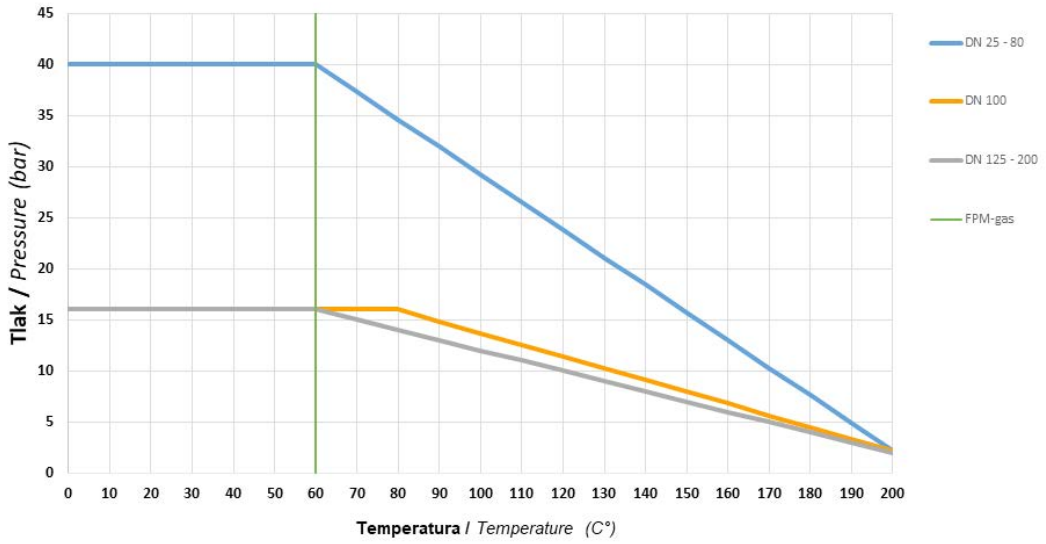
Opombe: Navori so bili izmerjeni s čisto vodo pri sobni temperaturi na ventilih s PTFE tesnili. Navor se lahko poveča pri ventilih, ki imajo tesnila iz drugačnih materialov, pri merjenju z različnimi tekočinami, višjimi temperaturami, posebnimi obratovalnimi pogoji in/ali v primeru, da je ventil dlje časa pod diferenčnim tlakom, ne da bi obratoval.

Remarks: The torques were measured on valves supplied with virgin PTFE seats, with clean water at room temperature. For valves with other seat materials, different fluids, higher temperatures, specific operating conditions and/or in case the valve is kept for a long time under differential pressure without being operated, the torque can increase.

// Delovna temperatura / Working temperature: -20 °C/+60 °C

(Za temperature nižje od -20 °C kontaktirajte proizvajalca /
For temperature below -20 °C please contact manufacturer)

Diagram tlak I temperatura / Pressure I temperature chart



Tesnila na vretenu, ohišju I Stem and body seals

FPM-gas (Max 60°C)

KPA-G DN ... PN16 DP VX PX

PN16

Art.	DN	A	ØB	C	ØD	G	ØDk	Ød	Št. / No.	Teža / weight [kg]
A955071	15	39	88	80	16	150	65	M12	4	1,80
A955072	20	39	98	80	20	150	75	M12	4	2,90
A955073	25	48	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

Uležajena krogla in vzmetna tesnila I Trunnion mounted ball and spring loaded washer

KPA-G DN ... PN40 DP VX PX

PN40

Art.	DN	A	ØB	C	ØD	G	ØDk	Ød	Št. / No.	Teža / weight [kg]
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
A955058	150	210	316	–	150	–	250	M24	8	99,50

Uležajena krogla in vzmetna tesnila I Trunnion mounted ball and spring loaded washer

Opombe

Številke artiklov od DN15 do DN50 so enake za PN16 in PN40 in so vedno navedene kot PN40.
DN150 PN40 z ročnim polžnim gonilom.
Antistatična izvedba in požarno tesnilo.
Nadgradnje na strani 87 - 94.

Notes

Article numbers for DN15 to DN50 are the same for PN16 and PN40 and are always designated as PN40.
DN150 PN40 is with a manual gearbox.
Antistatic and Fire Safe Design.
Upgrades on pages 87 - 94.

Na zahtevo stranke je možna izdelava krogelne pipe, primerne za uporabo do 20% vodika.
Ball valve suitable for up to 20% Hydrogen Application available on request.

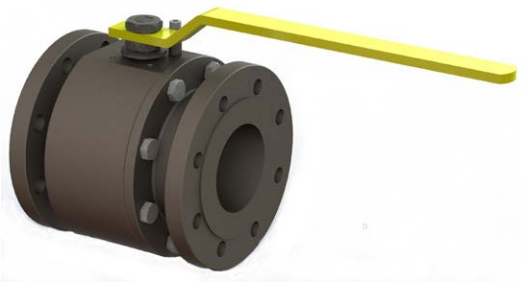
Na zahtevo možna izdelava za kisik.
Ball valve for Oxygen Service available on request.

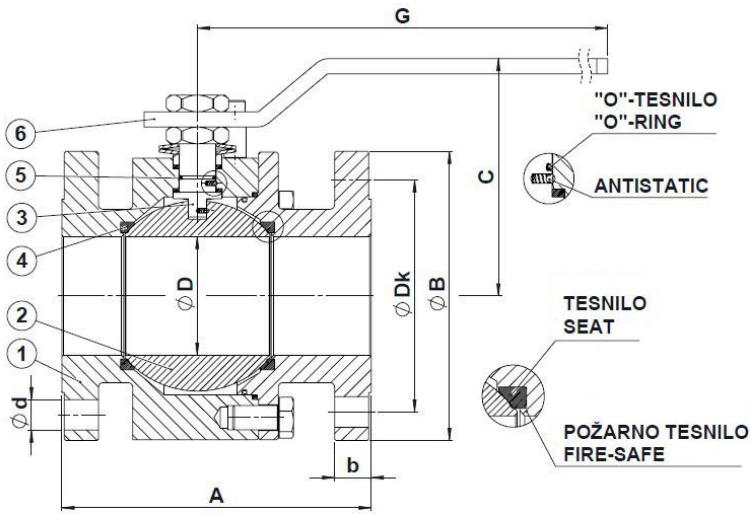
- **ANSI prirobnična krogelna pipa iz ogljikovega jekla**
- ANSI flanged carbon steel ball valve

KPF-G IZ OGLJIKOVEGA JEKLA, ANSI150, ANSI300 / KPF-G CARBON STEEL, ANSI150, ANSI300

CE

// **Polni pretok /** Full bore





Materiali / Materials

1	Ohišje Body	Ogljikovo jeklo – A105, P235TR2 Carbon steel – A105, P235TR2
2	Krogla Ball	Nerjavno jeklo - 1.4301 (X5CrNi18-10) AISI 304 Stainless steel - 1.4301 (X5CrNi18-10) AISI 304
3	Vreteno Stem	Nerjavno jeklo – 1.4028 (X30Cr13) AISI 420 Stainless steel – 1.4028(X30Cr13) AISI 420
4	Tesnilo krogle Ball seats	Teflon – PTFE
5	O-Obroč O-Ring	Viton (+60 °C) - FPM
6	Ročica Handle	Ogljikovo jeklo (cinkano) – S235JR (St 37-2) Carbon steel (galvanized) – S235JR (St 37-2)

Navor / Torque

DN	Maks. navor Max torque P = 16 bar T = 20°C	Maks. navor Max torque P = 40 bar T = 20°C	Priporočljivi navor za pogon Recommendable torque for actuator
	[Nm]	[Nm]	[Nm]
25	15	20	30
40	25	40	60
50	35	55	80
80	60	100	150
100	90	150	200
150	250	500	700
200	400	700	1000

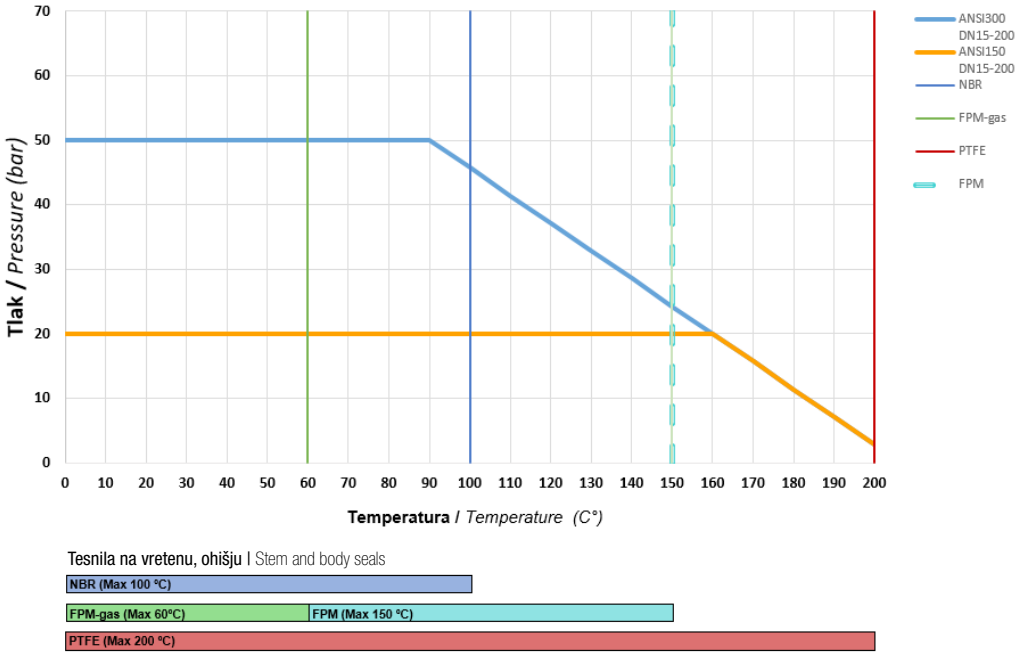
Opombe: Navori so bili izmerjeni s čisto vodo pri sobni temperaturi na ventilih s PTFE tesnili. Navor se lahko poveča pri ventilih, ki imajo tesnila iz drugačnih materialov, pri merjenju z različnimi tekočinami, višjimi temperaturami, posebnimi obratovalnimi pogoji in/ali v primeru, da je ventil dlje časa pod diferenčnim tlakom, ne da bi obratoval.

Remarks: The torques were measured on valves supplied with virgin PTFE seats, with clean water at room temperature. For valves with other seat materials, different fluids, higher temperatures, specific operating conditions and/or in case the valve is kept for a long time under differential pressure without being operated, the torque can increase.

// Delovna temperatura / Working temperature: -20 °C/+60 °C

(Za temperature nižje od -20 °C kontaktirajte proizvajalca /
For temperature below -20 °C please contact manufacturer)

Diagram tlak I temperatura / Pressure I temperature chart



Tesnila na vretenu, ohišju I Stem and body seals

KPF-G DN ... AN150 DP VX PX — ANSI Class 150

Art.	DN	A	ØB	C	ØD	G	b	ØDk	Ød	Št. / No.	Teža / 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
A956035	200	457	343	–	200	–	27,8	298,4	22	8	226,9

KPF-G DN ... AN300 DP VX PX — ANSI Class 300

Art.	DN	A	ØB	C	ØD	G	b	ØDk	Ød	Št. / No.	Teža / 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
A956072	200	502	381	–	200	–	42,5	330,0	25,5	12	254,6

Uležajena krogla in vzmetna tesnila I Trunnion mounted ball and spring loaded washer

Opombe

Vgradna dolžina ustreza standardu ANSI B16.10.
DN150 do 200 z ročnim polžnim gonilom.
Antistatična izvedba in požarno tesnilo.
Dvodelno ohišje pritrjeno z vijaki.
Nadgradnje na strani 87 - 94.

Notes

Face to face dimensions conform with the ANSI B16.10.
DN150 to 200 are with a manual gearbox.
Antistatic and Fire Safe Design.
Two-piece body, bolted design.
Upgrades on pages 87 - 94.



Na zahtevo stranke je možna izdelava krogelne pipe, primerne za uporabo do 20% vodika.
Ball valve suitable for up to 20% Hydrogen Application available on request.



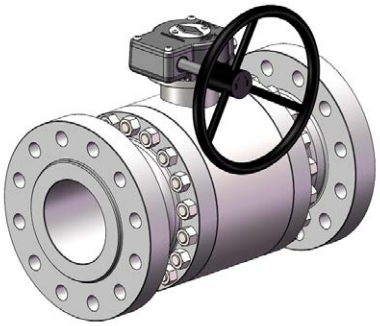
Na zahtevo možna izdelava za kisik.
Ball valve for Oxygen Service available on request.

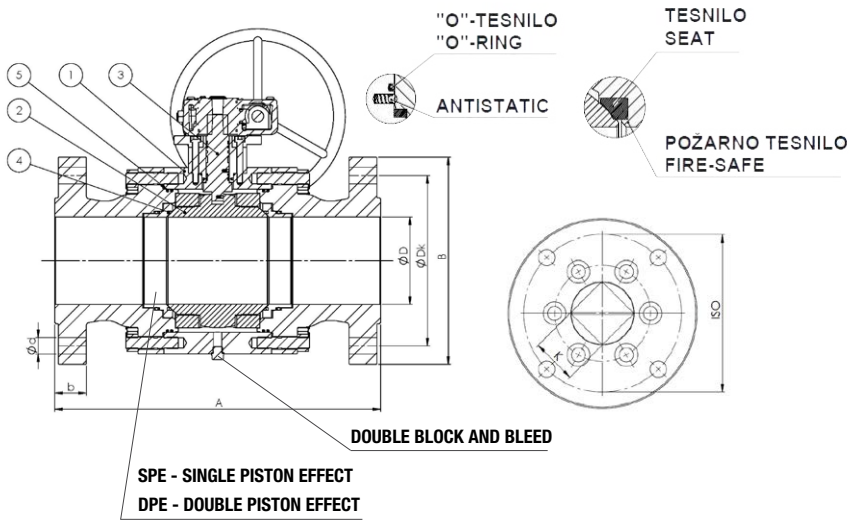
KPF-G IZ OGLJIKOVEGA JEKLA, ANSI600 /
KPF-G CARBON STEEL, ANSI600

// **Polni pretok /** Full bore

DN25-DN300

NEW





Materiali / Materials

1	Ohišje Body	Ogljikovo jeklo – A105, P235TR2, S355 Carbon steel – A105, P235TR2, S355
2	Krogla Ball	Nerjavno jeklo - 1.4301 (X5CrNi18-10) AISI 304 Stainless steel - 1.4301 (X5CrNi18-10) AISI 304
3	Vreteno Stem	Nerjavno jeklo – 1.4028 (X30Cr13) AISI 420 Stainless steel – 1.4028(X30Cr13) AISI 420
4	Tesnilo krogle Ball seats	Devlon
5	O-Obroč O-Ring	Viton (+60 °C) - FPM

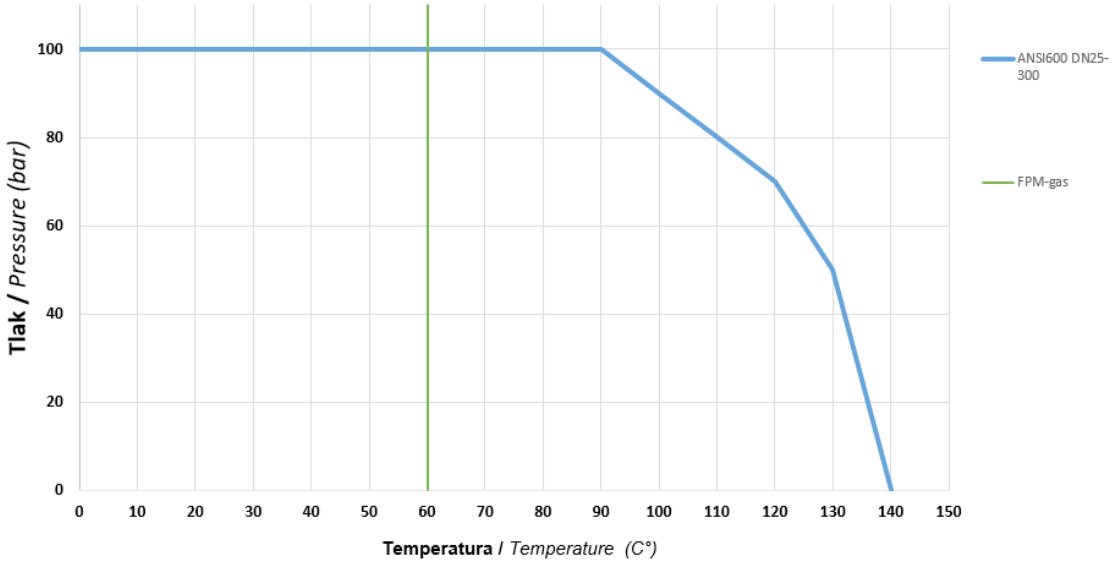
Navor / Torque

DN	**Maks. navor** Max torque **P = 100 bar** **T = 20°C**	**Priporočljivi navor za pogon** Recommendable torque for actuator
	[Nm]	[Nm]
25	50	75
50	160	240
80	420	630
100	720	1080
150	1600	2400
200	2500	3750
250	3900	5850
300	4700	7050

// Delovna temperatura / Working temperature: -20 °C/+60 °C

(Za temperature nižje od -20 °C kontaktirajte proizvajalca /
For temperature below -20 °C please contact manufacturer)

Diagram tlak I temperatura / Pressure I temperature chart



Tesnila na vretenu, ohišju I Stem and body seals

FPM-gas (Max 60°C)

KPF-G DN ... AN600 DP VX DX RR

ANSI Class 600

Art.	DN	A	ØB	ØD	b	ØDk	Ød	Št. / No.	ISO zgornja prirobnica / Top flange	Vreteno / Stem
A956131	25	216	124	25	17,5	88,9	19,1	4	F05	K14
A956167	50	292	165,1	49	25,4	127	19	8	F07	K14
A956081	80	356	209,5	78	31,7	168,1	22	8	F10	K17
A956016	100	432	273	99	38,1	215,9	25	8	F10	K22
A956000	150	559	355,6	149	47,6	292,1	28	12	F12	K27
A956038	200	660	419,1	200	55,6	349,3	31,8	12	F16	K36
A956039	300	838	558,8	300	66,5	489	35,1	20	F25	K46

Uležajena krogla I Trunnion mounted ball

Opombe

Vgradna dolžina ustreza standardu ANSI B16.10.
Na zahtevo možna predelava vgradne dolžine po standardu EN558-1 in prirobnic po standardu EN 1092-1 PN100.
DN25 z ročico.
DN50 do DN300 z ročnim polžnim gonilom.
Antistatična izvedba in požarno tesnilo.
Nadgradnje na strani 87 - 94.

Notes

Face to face dimensions conform with the ANSI B16.10.
Face to face dimension according with the EN558-1 and/or flange connection EN1092-1 PN100, can be provided upon request.
DN25 with handle. DN50 to DN300 are with a manual gearbox.
Antistatic and Fire Safe Design.
Upgrades on pages 87 - 94.

up to 20% H_2

Na zahtevo stranke je možna izdelava krogelne pipe, primerne za uporabo do 20% vodika.
Ball valve suitable for up to 20% Hydrogen Application available on request.

O_2

Na zahtevo možna izdelava za kisik.
Ball valve for Oxygen Service available on request.

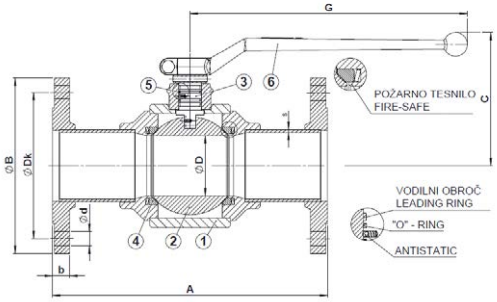
- **Varjene krogelne pipe iz ogljikovega jekla**
- Welded carbon steel ball valves

KPV-G IZ OGLJIKOVEGA JEKLA, PRIROBNIČNA, ANSI150, ANSI300 / KPV-G CARBON STEEL, FLANGED, ANSI150, ANSI300

// **Polni pretok /** Full bore

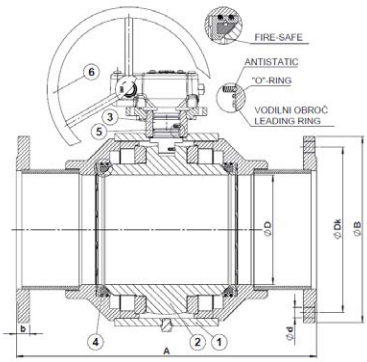
DN25-DN100





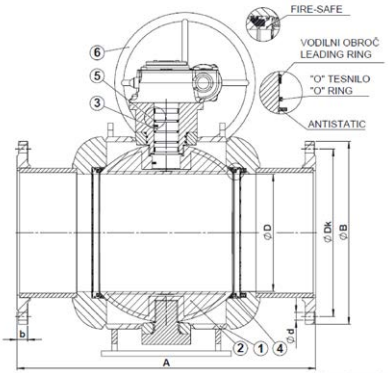
DN150-DN300





DN350-DN400





Materiali / Materials

1	Ohišje Body	Ogljikovo jeklo – A105, P235TR2 Carbon steel – A105, P235TR2	4	Tesnilo krogle Ball seats	Teflon – PTFE**
2	Krogla Ball	Nerjavno jeklo - 1.4301 (X5CrNi18-10) AISI 304 Stainless steel - 1.4301 (X5CrNi18-10) AISI 304	5	O-Obroč O-Ring	Viton (+60 °C) - FPM
3	Vreteno Stem	Nerjavno jeklo – 1.4028 (X30Cr13) AISI 420 Stainless steel – 1.4028(X30Cr13) AISI 420	6	Ročica Handle	Kovani aluminij – Al6061, opcija S235JR (St 37-2) Forged Aluminium – Al6061, option S235JR (St 37-2)

**DN150 – DN400 imajo tesnilo s 15% grafita.
**DN150 – DN400 deals with 15% graphite content.

Navor / Torque

DN	Maks. navor Max torque P = 16 bar T = 20°C	Maks. navor Max torque P = 40 bar T = 20°C	Priporočljivi navor za pogon Recommendable torque for actuator
	[Nm]	[Nm]	[Nm]
25	15	20	30
32	20	30	45
40	25	40	60
50	35	55	80
65	45	80	120
80	60	100	150
100	90	150	200

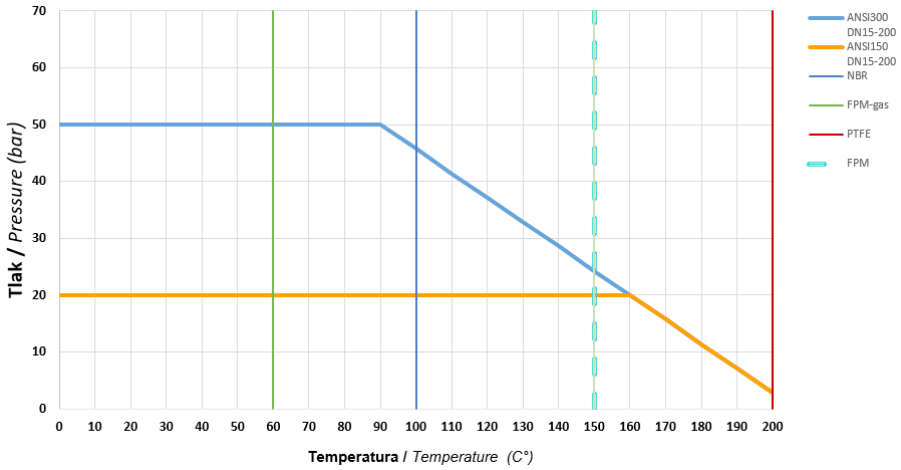
DN	Maks. navor Max torque P = 16 bar T = 20°C	Maks. navor Max torque P = 40 bar T = 20°C	Priporočljivi navor za pogon Recommendable torque for actuator
	[Nm]	[Nm]	[Nm]
125	180	350	450
150	250	500	700
200	400	700	1000
250	500	700	1200
300	600	800	1200
350	900	1100	1700
400	1000	1200	1800

Opombe: Navori so bili izmerjeni s čisto vodo pri sobni temperaturi na ventilih s PTFE tesnili. Navor se lahko poveča pri ventilih, ki imajo tesnila iz drugačnih materialov, pri merjenju z različnimi tekočinami, višjimi temperaturami, posebnimi obratovalnimi pogoji in/ali v primeru, da je ventil dlje časa pod diferenčnim tlakom, ne da bi obratoval.
Remarks: The torques were measured on valves supplied with virgin PTFE seats, with clean water at room temperature. For valves with other seat materials, different fluids, higher temperatures, specific operating conditions and/or in case the valve is kept for a long time under differential pressure without being operated, the torque can increase.

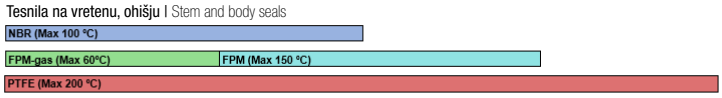
// Delovna temperatura / Working temperature: -20 °C/+60 °C

(Za temperature nižje od -20 °C kontaktirajte proizvajalca /
For temperature below -20 °C please contact manufacturer)

Diagram tlak I temperatura / Pressure I temperature chart



Tesnila na vretenu, ohišju I Stem and body seals



KPV-G DN … AN150 DP VX PX — ANSI Class 150

Art.	DN	A	ØB	C	ØD	G	b	ØDk	Ød	Št. / No.	Teža / weight [kg]
A958061*	15	108	88,9	71,6	15,9	153	11,2	60,5	15,7	4	1,96
A958062*	20	117	98,6	82,6	20	153	12,7	69,9	15,7	4	2,73
A956103	25	127	108	87	25	170	14,5	79,5	16	4	3,40
A956104	32	140	117,3	92,5	35	170	14,5	88,9	16	4	4,60
A956105	40	165	127	97	40	170	17,5	98,5	16	4	5,70
A956106	50	178	152,4	107	50	210	19,5	120,5	20	4	8,40
A956107	65	191	177,8	128	63	280	20,6	139,7	20	4	15,60
A956108	80	203	190,5	138	78	280	24,0	152,5	20	4	19,00
A956109	100	229	228,6	155,5	99	415	24,0	190,5	20	8	30,30
A956111	150	394	279,4	250	149	518	25,5	241,5	22	8	76,60
A956112	200	457	342,9	417,5	200	Ø305	30,0	298,4	22	8	152,00
A956113	250	533,4	406,4	491	250	Ø305	30,0	362	25,4	12	251,20
A956114	300	609,6	482,6	612	300	Ø457	32	431,8	25,4	12	389,10
A956115	350	685,8	533,4	-	334	-	36,5	476,2	28,6	12	-
A956116	400	762	596,9	-	387	-	38,1	539,7	28,6	16	-

KPV-G DN … AN300 DP VX PX — ANSI Class 300

Art.	DN	A	ØB	C	ØD	G	b	ØDk	Ød	Št. / No.	Teža / weight [kg]
A956083	25	165	124	87	25	170	17,5	89,0	19	4	4,70
A956084	32	178	133,4	92,5	35,1	170	17,5	98,6	19	4	6,20
A956085	40	191	155,4	97	40	170	20,5	114,3	22	4	8,20
A956086	50	215,9	165,1	107	50	210	22,0	127,0	19	8	10,10
A956087	65	241	190,5	128	63,5	280	23,9	149,4	22	8	18,60
A956088	80	282,6	209,6	138	78	280	29,0	168,5	22	8	23,60
A956089	100	304,8	254	155,5	99	415	32,0	200,2	22	8	40,80
A956091	150	403	317,5	250	149	Ø305	37,0	269,7	22	12	97,50
A956092	200	501,7	381	417,5	200	Ø305	41	330,0	25,5	12	178,00
A956093	250	568,3	444,5	491	250	Ø305	47,6	387,4	28,5	16	289,90
A956094	300	647,7	520,7	612	300	Ø457	50,8	450,9	31,8	16	443,50
A956095	350	762	584,2	-	334	-	55,6	514,3	31,7	20	-
A956096	400	838,2	647,7	-	387	-	58,7	571,5	34,9	20	-

Uležajena krogla I Trunnion mounted ball

Opombe

Vgradna dolžina ustreza standardu ANSI B16.10.
DN50 do DN400 z vzmetenimi tesnili
Antistatična izvedba in požarno tesnilo.
DN150 ANSI150 z ročico.
DN200 do DN400 ANSI150 ter DN150 do DN400 ANSI300 z ročnim polžnim gonilom.
*DN15 in DN20 sta v KPT-G izvedbi.
Nadgradnje na strani 87 - 94.

Notes

Face to face dimensions conform with the ANSI B16.10.
DN50 to DN400 with spring-loaded washers.
Antistatic and Fire Safe Design.
DN150 ANSI150 valve is with handle.
DN200 to DN400 ANSI150 and DN150 to DN400 ANSI300 are with a manual gearbox.
*DN15 and DN20 come in the KPT-G version.
Upgrades on pages 87 - 94.

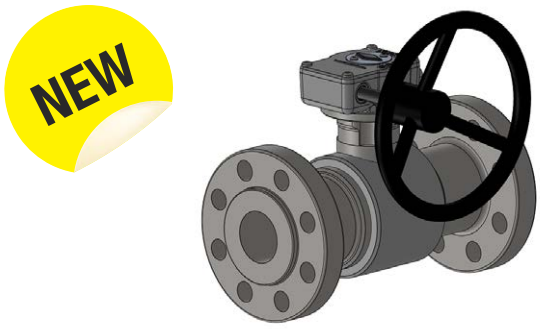
Na zahtevo stranke je možna izdelava krogelne pipe, primerne za uporabo do 20% vodika.
Ball valve suitable for up to 20% Hydrogen Application available on request.

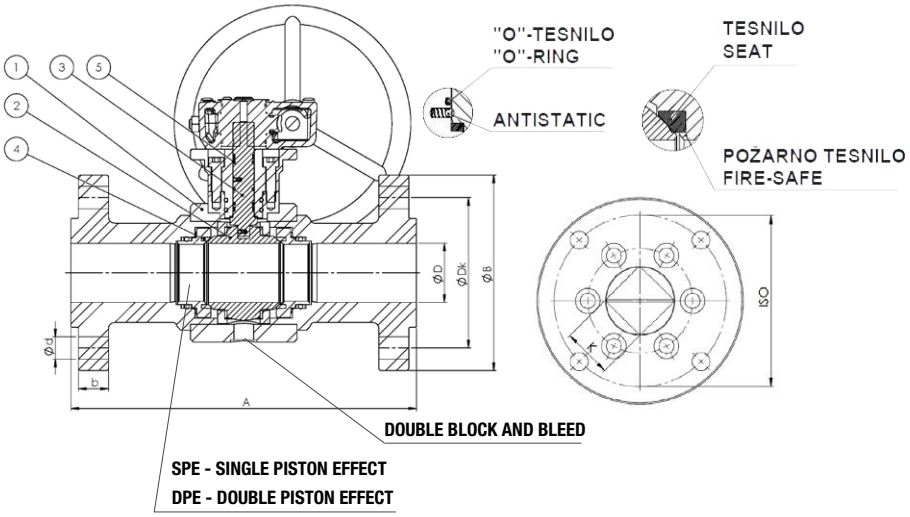
Na zahtevo možna izdelava za kisik.
Ball valve for Oxygen Service available on request.

KPV-G IZ OGLJIKOVEGA JEKLA, PRIROBNIČNA, ANSI600 / KPV-G CARBON STEEL, FLANGED, ANSI600

// **Polni pretok /** Full bore

DN50-DN300





Materiali / Materials

1	Ohišje Body	Ogljikovo jeklo – A105, P235TR2, S355 Carbon steel – A105, P235TR2, S355
2	Krogla Ball	Nerjavno jeklo - 1.4301 (X5CrNi18-10) AISI 304 Stainless steel - 1.4301 (X5CrNi18-10) AISI 304
3	Vreteno Stem	Nerjavno jeklo – 1.4028 (X30Cr13) AISI 420 Stainless steel – 1.4028(X30Cr13) AISI 420
4	Tesnilo krogle Ball seats	Devlon
5	O-Obroč O-Ring	Viton (+60 °C) - FPM

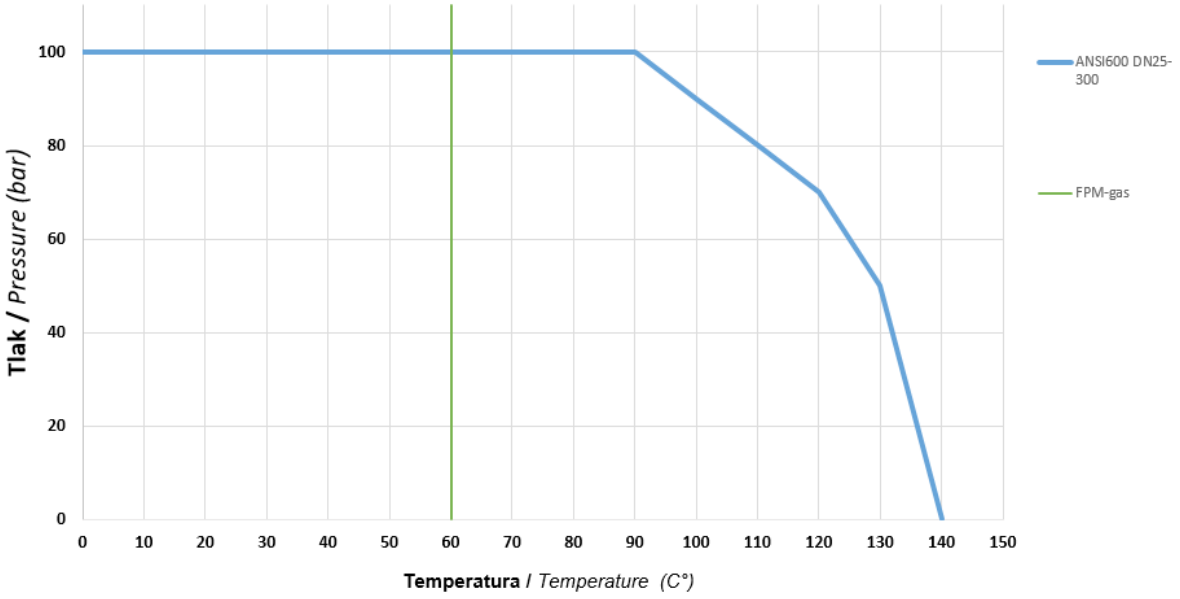
Navor / Torque

DN	**Maks. navor** Max torque **P = 100 bar** **T = 20°C**	**Priporočljivi navor za pogon** Recommendable torque for actuator
	[Nm]	[Nm]
25	50	75
50	160	240
80	420	630
100	720	1080
150	1600	2400
200	2500	3750
250	3900	5850
300	4700	7050

// Delovna temperatura / Working temperature: -20 °C/+60 °C

(Za temperature nižje od -20 °C kontaktirajte proizvajalca /
For temperature below -20 °C please contact manufacturer)

Diagram tlak I temperatura / Pressure I temperature chart



Tesnila na vretenu, ohišju I Stem and body seals

FPM-gas (Max 60°C)

KPV-G DN … AN600 DP VX DX RR

ANSI Class 600

Art.	DN	A	ØB	ØD	b	ØDk	Ød	Št. / No.	ISO zgornja prirobnica / Top flange	Vreteno / Stem
A956129	25	216	124	25	17,5	88,9	19,1	4	F05	K14
A956118	50	292	165,1	49	25,4	127	19	8	F07	K14
A956082	80	356	209,5	78	31,7	168,1	22	8	F10	K17
A956018	100	432	273	99	38,1	215,9	25	8	F10	K17
A956004	150	559	355,6	149	47,6	292,1	28	12	F12	K27
A956021	200	660	419,1	200	55,6	349,3	31,8	12	F16	K36
A956022	300	838	558,8	300	66,5	489	35,1	20	F25	K46

Uležajena krogla I Trunnion mounted ball

Opombe

Vgradna dolžina ustreza standardu ANSI B16.10.
Na zahtevo možna predelava vgradne dolžine po standardu EN558-1 in prirobnic po standardu EN 1092-1 PN100.
DN25 z ročico. DN50 do DN300 z ročnim polžnim gonilom.
Antistatična izvedba in požarno tesnilo.
Nadgradnje na strani 87 - 94.

Notes

Face to face dimensions conform with the ANSI B16.10.
Face to face dimension according with the EN558-1 and/or flange connection EN1092-1 PN100, can be provided upon request.
DN25 with handle. DN50 to DN300 with a manual gearbox.
Antistatic and Fire Safe Design.
Upgrades on pages 87 - 94.

up to 20% H_2

Na zahtevo stranke je možna izdelava krogelne pipe, primerne za uporabo do 20% vodika.
Ball valve suitable for up to 20% Hydrogen Application available on request.

O_2

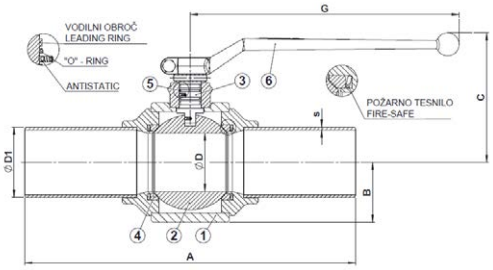
Na zahtevo možna izdelava za kisik.
Ball valve for Oxygen Service available on request.

KPV-G IZ OGLJIKOVEGA JEKLA, UVARNA, ANSI300 /
KPV-G CARBON STEEL, WELDED, ANSI300

// **Polni pretok /** Full bore

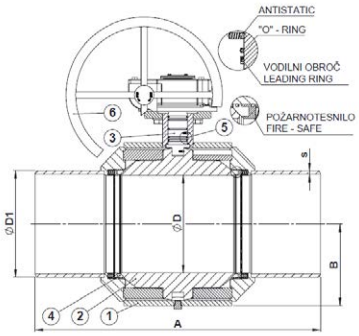
DN25-DN100





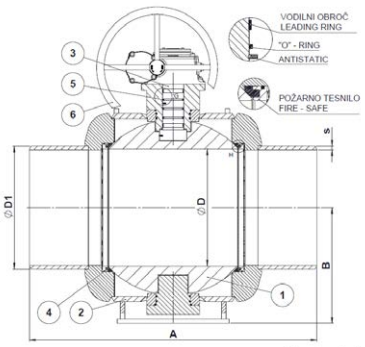
DN150-DN300





DN350-DN400





Materiali / Materials

1	**Ohišje** Body	**Ogljikovo jeklo – A105, P235TR2** Carbon steel – A105, P235TR2	**4**	**Tesnilo krogle** Ball seats	**Teflon** – PTFE**
2	**Krogla** Ball	**Nerjavno jeklo - 1.4301 (X5CrNi18-10) AISI 304** Stainless steel - 1.4301 (X5CrNi18-10) AISI 304	**5**	**O-Obroč** O-Ring	**Viton (+60 °C) - FPM**
3	**Vreteno** Stem	**Nerjavno jeklo – 1.4028 (X30Cr13) AISI 420** Stainless steel – 1.4028(X30Cr13) AISI 420	**6**	**Ročica** Handle	**Kovani aluminij – Al6061, opcija S235JR (St 37-2)** Forged aluminium – Al6061, option S235JR (St 37-2)

**DN150 – DN400 imajo tesnilo s 15% grafita.
**DN150 – DN400 deals with 15% graphite content.

Navor / Torque

DN	**Maks. navor** Max torque **P = 16 bar** **T = 20°C**	**Maks. navor** Max torque **P = 40 bar** **T = 20°C**	**Priporočljivi navor za pogon** Recommendable torque for actuator
	[Nm]	[Nm]	[Nm]
25	15	20	30
32	20	30	45
40	25	40	60
50	35	55	80
65	45	80	120
80	60	100	150
100	90	150	200

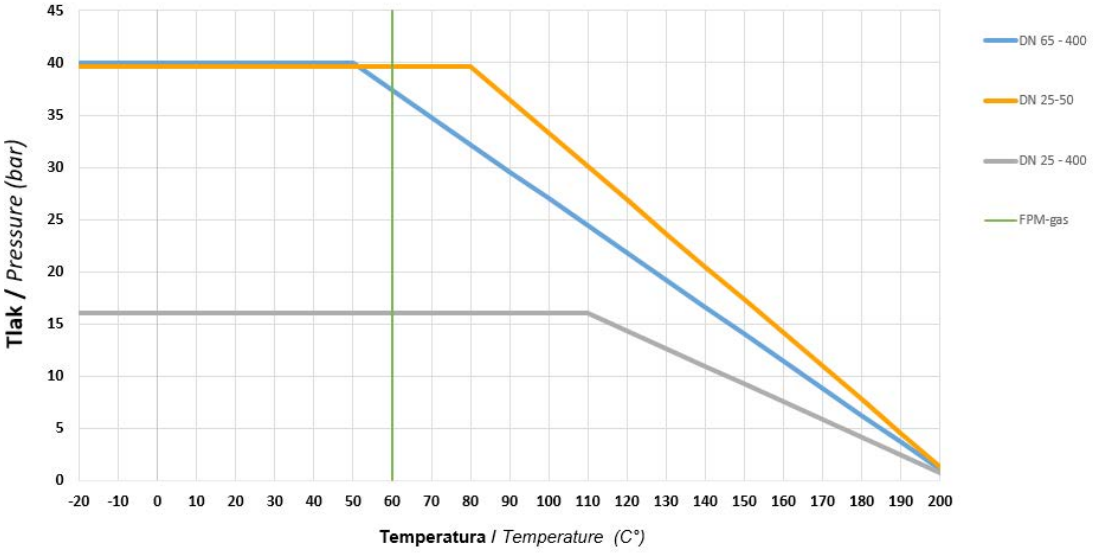
DN	**Maks. navor** Max torque **P = 16 bar** **T = 20°C**	**Maks. navor** Max torque **P = 40 bar** **T = 20°C**	**Priporočljivi navor za pogon** Recommendable torque for actuator
	[Nm]	[Nm]	[Nm]
125	180	350	450
150	250	500	700
200	400	700	1000
250	500	700	1200
300	600	800	1200
350	900	1100	1700
400	1000	1200	1800

Opombe: Navori so bili izmerjeni s čisto vodo pri sobni temperaturi na ventilih s PTFE tesnili. Navor se lahko poveča pri ventilih, ki imajo tesnila iz drugačnih materialov, pri merjenju z različnimi tekočinami, višjimi temperaturami, posebnimi obratovalnimi pogoji in/ali v primeru, da je ventil dlje časa pod diferenčnim tlakom, ne da bi obratoval.
Remarks: The torques were measured on valves supplied with virgin PTFE seats, with clean water at room temperature. For valves with other seat materials, different fluids, higher temperatures, specific operating conditions and/or in case the valve is kept for a long time under differential pressure without being operated, the torque can increase.

// **Delovna temperatura /** Working temperature: **-20 °C/+60 °C**

(Za temperature nižje od -20 °C kontaktirajte proizvajalca /
For temperature below -20 °C please contact manufacturer)

Diagram tlak I temperatura /
Pressure I temperature chart



Tesnila na vretenu, ohišju I Stem and body seals

FPM-gas (Max 60°C)

KPV-G DN … AN300 DU VX PX

ANSI Class 300

Art.	DN	A	B	C	ØD	ØD1	G	s	Teža / weight [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	415	3,6	21,10
A956161	150	457	135	277	149	168,3	–	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
A956165	350	762	350	–	334	368	–	12,5	–
A956166	400	838,2	383	–	387	406,4	–	12,5	–

Uležajena krogla I Trunnion mounted ball

Na zahtevo stranke je možna izdelava krogelne pipe, primerne za uporabo do 20% vodika.
Ball valve suitable for up to 20% Hydrogen Application available on request.

Na zahtevo možna izdelava za kisik.
Ball valve for Oxygen Service available on request.

Opombe
DN150 do DN400 z ročnim polžnim gonilom.
DN50 do DN400 z vzmetnimi tesnili.
Antistatična izvedba in požarno tesnilo.
Nadgradnje na strani 87 - 94.

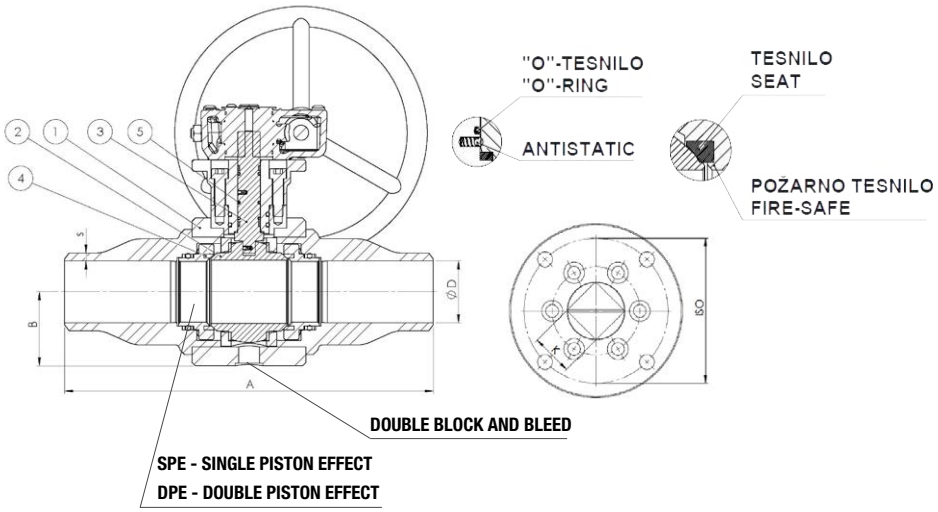
Notes
DN150 to DN400 are with a manual gearbox.
DN50 to DN400 with spring-loaded washers.
Antistatic and Fire Safe Design.
Upgrades on pages 87 - 94.

KPV-G IZ OGLJIKOVEGA JEKLA, UVARNA, ANSI600 /
KPV-G CARBON STEEL, WELDED, ANSI600

// **Polni pretok /** Full bore

DN50-DN300





Materiali / Materials

1	Ohišje Body	Ogljikovo jeklo – A105, P235TR2, S355 Carbon steel – A105, P235TR2, S355
2	Krogla Ball	Nerjavno jeklo - 1.4301 (X5CrNi18-10) AISI 304 Stainless steel - 1.4301 (X5CrNi18-10) AISI 304
3	Vreteno Stem	Nerjavno jeklo – 1.4028 (X30Cr13) AISI 420 Stainless steel – 1.4028(X30Cr13) AISI 420
4	Tesnilo krogle Ball seats	Devlon
5	O-Obroč O-Ring	Viton (+60 °C) - FPM

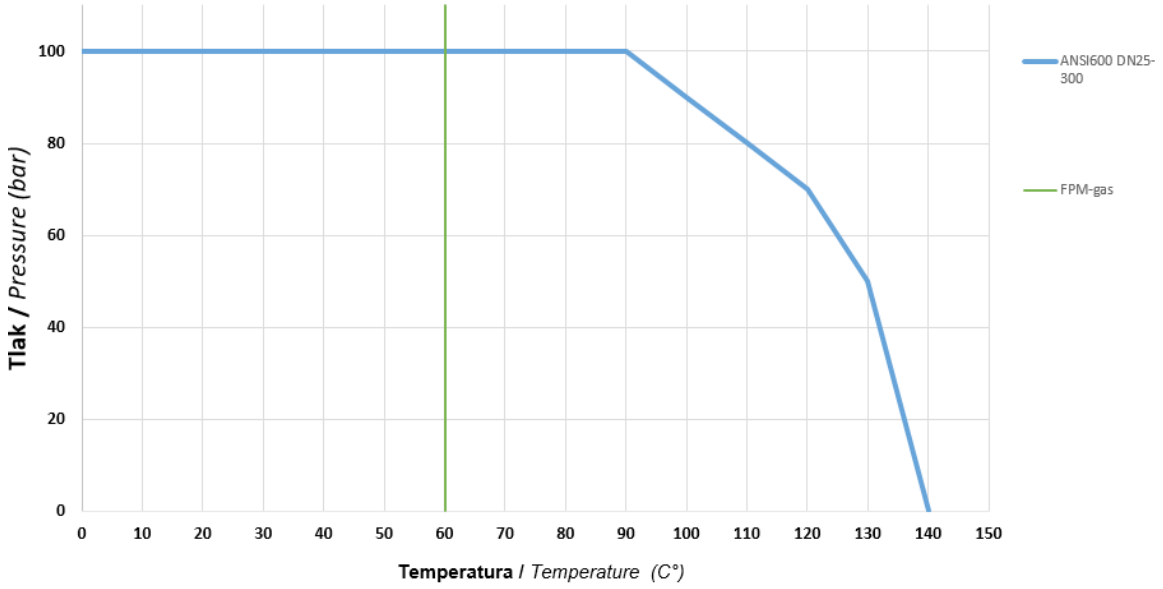
Navor / Torque

DN	**Maks. navor** Max torque **P = 100 bar** **T = 20°C**	**Priporočljivi navor za pogon** Recommendable torque for actuator
	[Nm]	[Nm]
25	50	75
50	160	240
80	420	630
100	720	1080
150	1600	2400
200	2500	3750
250	3900	5850
300	4700	7050

// Delovna temperatura / Working temperature: -20 °C/+60 °C

(Za temperature nižje od -20 °C kontaktirajte proizvajalca /
For temperature below -20 °C please contact manufacturer)

Diagram tlak I temperatura / Pressure I temperature chart



Tesnila na vretenu, ohišju I Stem and body seals

FPM-gas (Max 60°C)

KPV-G DN ... AN600 DU VX DX RR

ANSI Class 600

Art.	DN	A	B	ØD	s	ISO zgornja prirobnica / Top flange	Vreteno / Stem
A956130	25	216	-	25	4,8	F05	K14
A956119	50	292	58,5	49	6,3	F07	K14
A956090	80	356	-	78	8	F10	K17
A956017	100	432	-	99	9,3	F10	K17
A956002	150	559	160	149	12,7	F12	K27
A956019	200	660	-	200	-	F16	K36
A956020	300	838	-	300	-	F25	K46

Uležajena krogla I Trunnion mounted ball

Opombe

Vgradna dolžina ustreza standardu ANSI B16.10.
Na zahtevo možna predelava vgradne dolžine po standardu EN12982:2009.
DN25 z ročico. DN50 do DN300 z ročnim polžnim gonilom.
Antistatična izvedba in požarno tesnilo.
Nadgradnje na strani 87 - 94.

Notes

Face to face dimensions conform with the ANSI B16.10.
Face to face dimension according with the EN12982:2009 can be provided upon request.
DN25 with handle. DN50 to DN300 with a manual gearbox.
Antistatic and Fire Safe Design.
Upgrades on pages 87 - 94.

Na zahtevo stranke je možna izdelava krogelne pipe, primerne za uporabo do 20% vodika.
Ball valve suitable for up to 20% Hydrogen Application available on request.

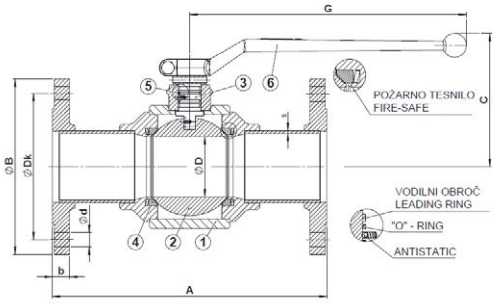
Na zahtevo možna izdelava za kisik.
Ball valve for Oxygen Service available on request.

KPV-G IZ OGLJIKOVEGA JEKLA, PRIROBNIČNA / KPV-G CARBON STEEL, FLANGED

// **Polni pretok /** Full bore

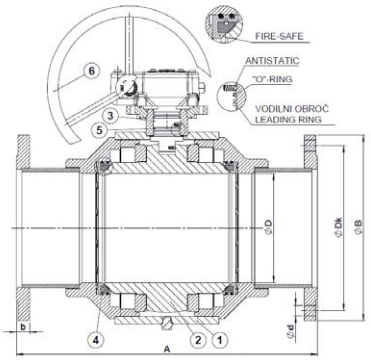
DN25-DN125





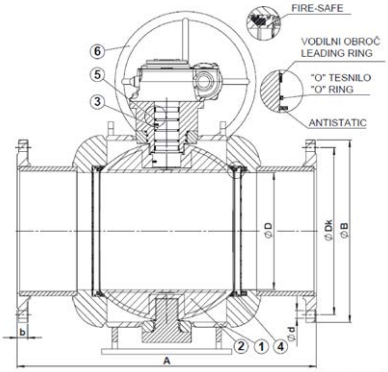
DN150-DN300





DN350-DN400





Materiali / Materials

1	Ohišje Body	Ogljikovo jeklo – A105, P235TR2 Carbon steel – A105, P235TR2	**4**	Tesnilo krogle Ball seats	Teflon – PTFE**
2	Krogla Ball	Nerjavno jeklo - 1.4301 (X5CrNi18-10) AISI 304 Stainless steel - 1.4301 (X5CrNi18-10) AISI 304	**5**	O-Obroč O-Ring	Viton (+60 °C) - FPM
3	Vreteno Stem	Nerjavno jeklo – 1.4028 (X30Cr13) AISI 420 Stainless steel – 1.4028(X30Cr13) AISI 420	**6**	Ročica Handle	Kovani aluminij – Al6061, opcija S235JR (St 37-2) Forged aluminium – Al6061, option S235JR (St 37-2)

**DN150 – DN400 imajo tesnilo s 15% grafita.
**DN150 – DN400 deals with 15% graphite content.

Navor / Torque

DN	**Maks. navor** Max torque **P = 16 bar** **T = 20°C**	**Maks. navor** Max torque **P = 40 bar** **T = 20°C**	**Priporočljivi navor za pogon** Recommendable torque for actuator
	[Nm]	[Nm]	[Nm]
25	15	20	30
32	20	30	45
40	25	40	60
50	35	55	80
65	45	80	120
80	60	100	150
100	90	150	200

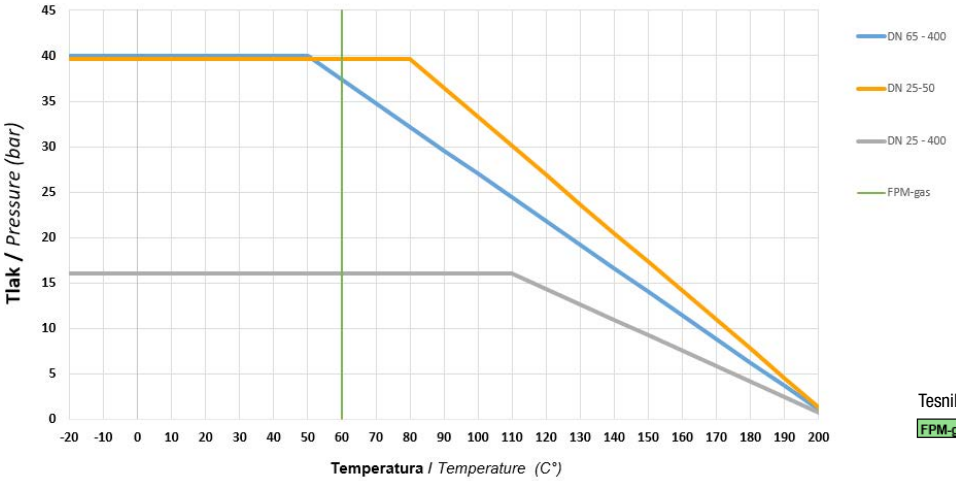
DN	**Maks. navor** Max torque **P = 16 bar** **T = 20°C**	**Maks. navor** Max torque **P = 40 bar** **T = 20°C**	**Priporočljivi navor za pogon** Recommendable torque for actuator
	[Nm]	[Nm]	[Nm]
125	180	350	450
150	250	500	700
200	400	700	1000
250	500	700	1200
300	600	800	1200
350	900	1100	1700
400	1000	1200	1800

Opombe: Navori so bili izmerjeni s čisto vodo pri sobni temperaturi na ventilih s PTFE tesnili. Navor se lahko poveča pri ventilih, ki imajo tesnila iz drugačnih materialov, pri merjenju z različnimi tekočinami, višjimi temperaturami, posebnimi obratovalnimi pogoji in/ali v primeru, da je ventil dlje časa pod diferenčnim tlakom, ne da bi obratoval.
Remarks: The torques were measured on valves supplied with virgin PTFE seats, with clean water at room temperature. For valves with other seat materials, different fluids, higher temperatures, specific operating conditions and/or in case the valve is kept for a long time under differential pressure without being operated, the torque can increase.

// Delovna temperatura / Working temperature: -20 °C/+60 °C

(Za temperature nižje od -20 °C kontaktirajte proizvajalca /
For temperature below -20 °C please contact manufacturer)

Diagram tlak I temperatura / Pressure I temperature chart



Tesnila na vretenu, ohišju I Stem and body seals

FPM-gas (Max 60°C)

KPV-G DN ... PN16 DP VX PX

PN16

Art.	DN	A	B	C	ØD	G	b	ØDk	Ød	Št. / No.	Teža / weight [kg]
A957303	25	160	115	76	25	158	16	85	14	4	4,20
A957304	32	180	140	108	32	180	16	100	18	4	5,30
A957305	40	200	150	114	40	180	16	110	18	4	6,40
A957306	50	230	165	128	50	222	18	125	18	4	9,30
A957307	65	290	185	160	63,5	293	18	145	18	4	14,30
A957308	80	310	200	170	78	293	20	160	18	8	19,20
A957309	100	350	220	185	99	415	20	180	18	8	29,30
A957310	125	400	250	260	124	518	22	210	18	8	52,90
A957311	150	450	285	277	149	518	22	240	22	8	76,30
A957312	200	550	340	–	200	–	24	295	22	12	144,60
A957313	250	650	405	–	250	–	26	355	26	12	245,80
A957314	300	750	460	–	300	–	28	410	26	12	372,90
A957315	350	850	520	–	334	–	30	470	26	16	444,90
A957316	400	950	580	–	387	–	32	525	30	16	605,30

KPV-G DN ... PN40 DP VX PX

PN40

Art.	DN	A	B	C	ØD	G	b	ØDk	Ød	Št. / No.	Teža / weight [kg]
A957403	25	160	115	76	25	158	18	85	14	4	4,20
A957404	32	180	140	108	32	180	18	100	18	4	5,60
A957405	40	200	150	114	40	180	18	110	18	4	6,80
A957406	50	230	165	128	50	222	20	125	18	4	9,50
A957407	65	290	185	160	63,5	293	22	145	18	8	15,10
A957408	80	310	200	170	78	293	24	160	18	8	20,50
A957409	100	350	235	185	99	415	24	190	22	8	32,80
A957410	125	400	270	260	124	518	26	220	26	8	57,70
A957411	150	450	300	–	149	–	28	250	26	8	82,80
A957412	200	550	375	–	200	–	34	320	30	12	162,30
A957413	250	650	450	–	250	–	38	385	33	12	275,30
A957414	300	750	515	–	300	–	42	450	33	16	418,60
A957435	350	850	580	–	334	–	46	510	36	16	637,50
A957436	400	950	660	–	387	–	50	585	39	16	897,50

Uležajena krogla I Trunnion mounted ball

Opombe

Vgradna dolžina ustreza standardu EN558-1 Basic series 28.
DN50 do DN400 z vzmetenimi tesnili.
DN150 PN16 z ročico.
DN200 do DN400 ter DN150 PN40 z ročnim polžnim gonilom.
Antistatična izvedba in požarno tesnilo.
Nadgradnje na strani 87 - 94.

Notes

Face to face dimensions conform with the EN558-1 Basic series 28.
DN50 to DN400 with spring-loaded washers.
DN150 PN16 with handle.
DN200 to DN400 and DN150 PN40 are with a manual gearbox.
Antistatic and Fire Safe Design.
Upgrades on pages 87 - 94.

up to 20% H_2

Na zahtevo stranke je možna izdelava krogelne pipe, primerne za uporabo do 20% vodika.
Ball valve suitable for up to 20% Hydrogen Application available on request.

O_2

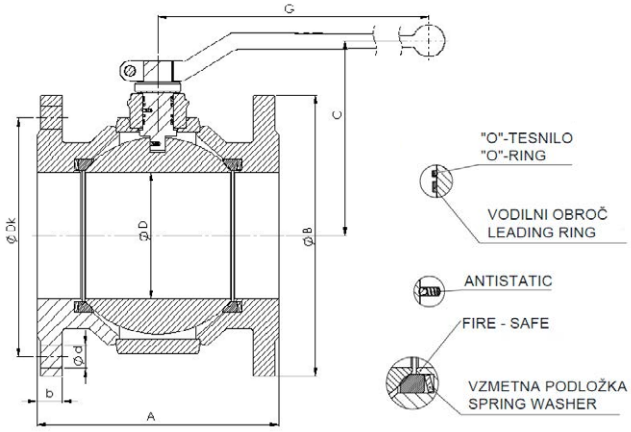
Na zahtevo možna izdelava za kisik.
Ball valve for Oxygen Service available on request.

KPV-G IZ OGLJIKOVEGA JEKLA, PRIROBNIČNA, SE. 27 /
KPV-G CARBON STEEL, FLANGED, SE. 27

// **Polni pretok /** Full bore

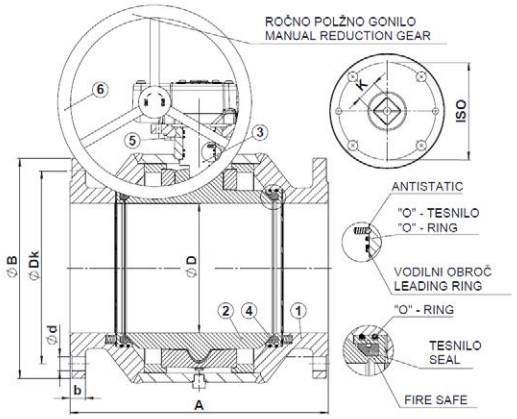
DN50-DN100





DN150-DN300





Materiali / Materials

1	**Ohišje** Body	**Ogljikovo jeklo – A105**, P235TR2 Carbon steel – A105, P235TR2
2	**Krogla** Ball	**Nerjavno jeklo - 1.4301 (X5CrNi18-10) AISI 304** Stainless steel - 1.4301 (X5CrNi18-10) AISI 304
3	**Vreteno** Stem	**Nerjavno jeklo – 1.4028 (X30Cr13) AISI 420** Stainless steel – 1.4028(X30Cr13) AISI 420
4	**Tesnilo krogle** Ball seats	**Teflon** – PTFE**
5	**O-Obroč** O-Ring	**Viton (+60 °C) - FPM**
6	**Ročica** Handle	**Kovani aluminij – Al6061, opcija S235JR (St 37-2)** Forged aluminium – Al6061, option S235JR (St 37-2)

**DN150 – DN300 imajo tesnilo s 15% grafita.
**DN150 – DN300 deals with 15% graphite content.

Navor / Torque

DN	**Maks. navor** Max torque **P = 16 bar** **T = 20°C**	**Maks. navor** Max torque **P = 40 bar** **T = 20°C**	**Priporočljivi navor za pogon** Recommendable torque for actuator
	[Nm]	[Nm]	[Nm]
50	35	55	80
80	60	100	150
100	90	150	200
150	250	500	700
200	400	700	1000
250	500	700	1200
300	600	800	1200

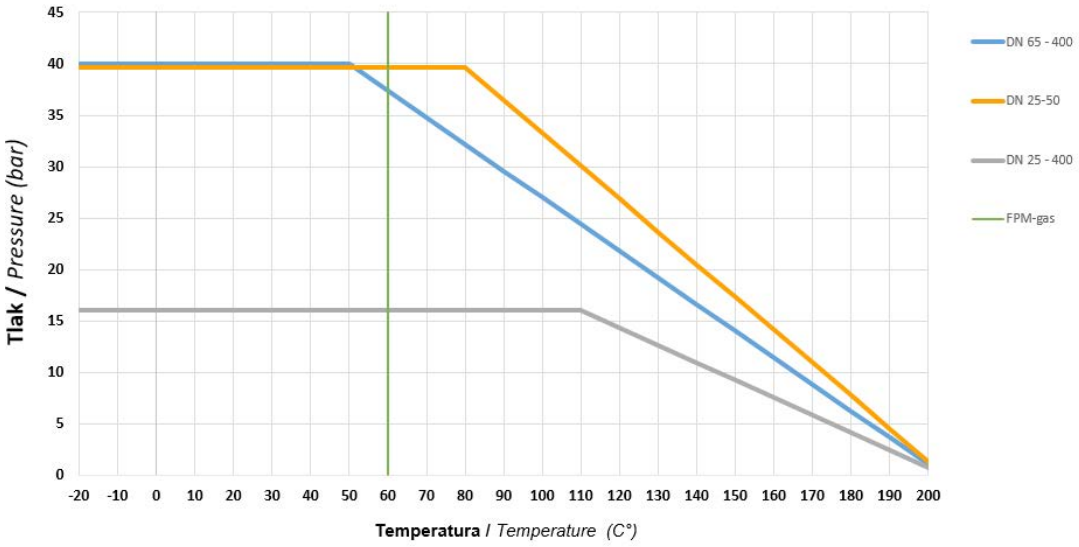
Opombe: Navori so bili izmerjeni s čisto vodo pri sobni temperaturi na ventilih s PTFE tesnili. Navor se lahko poveča pri ventilih, ki imajo tesnila iz drugačnih materialov, pri merjenju z različnimi tekočinami, višjimi temperaturami, posebnimi obratovalnimi pogoji in/ali v primeru, da je ventil dlje časa pod diferenčnim tlakom, ne da bi obratoval.

Remarks: The torques were measured on valves supplied with virgin PTFE seats, with clean water at room temperature. For valves with other seat materials, different fluids, higher temperatures, specific operating conditions and/or in case the valve is kept for a long time under differential pressure without being operated, the torque can increase.

// **Delovna temperatura /** Working temperature: **-20 °C/+60 °C**

(Za temperature nižje od -20 °C kontaktirajte proizvajalca /
For temperature below -20 °C please contact manufacturer)

Diagram tlak I temperatura / Pressure I temperature chart



Tesnila na vretenu, ohišju I Stem and body seals

FPM-gas (Max 60°C)

KPV-G DN … PN16 DP VX PX SE.27

PN16

Art.	DN	A	B	C	ØD	G	b	ØDk	Ød	Št. / No.	ISO zgornja prirobnica / Top flange	Nastavek / Shaft K x h	Teža / weight [kg]
A957066	50	150	165	120	50	210	18	125	18	4	-	□ 14 x 18	9,30
A957068	80	180	200	155	78	320	20	160	18	8	-	□ 17 x 23	18,70
A957069	100	190	220	165	99	320	20	180	18	8	-	□ 17 x 23	18,20
A957071	150	350	285	–	149	–	22	240	22	8	F12	□ 27 x 22	83,40
A957072	200	400	340	–	200	–	24	295	22	12	F12	□ 27 x 30	146,00
A957073	250	450	405	–	250	–	26	355	26	12	F14	□ 36 x 35	226,50
A957074	300	500	460	–	300	–	28	410	26	12	F14	□ 36 x 39	385,50

KPV-G DN … PN40 DP VX PX SE.27

PN40

Art.	DN	A	B	C	ØD	G	b	ØDk	Ød	Št. / No.	ISO zgornja prirobnica / Top flange	Nastavek / Shaft K x h	Teža / weight [kg]
A957086	50	150	165	120	50	210	20	125	18	4	-	□ 14 x 18	9,80
A957088	80	180	200	170	78	320	24	160	18	8	-	□ 17 x 23	19,70
A957089	100	190	235	185	99	320	24	190	22	8	-	□ 17 x 23	26,20
A957091	150	350	300	–	149	–	28	250	26	8	F12	□ 27 x 22	88,50
A957092	200	400	375	–	200	–	34	320	30	12	F12	□ 27 x 30	157,90

Uležajena krogla I Trunnion mounted ball

Opombe

Vgradna dolžina ustreza standardu EN558-1 Basic series 27.
DN50 do DN300 z vzmetnimi tesnili.
DN150 do DN300 z ročnim polžnim gonilom.
DN50 do DN100: na zahtevo možna ISO zgornja prirobnica.
Antistatična izvedba in požarno tesnilo.
Nadgradnje na strani 87 - 94.

Notes

Face to face dimensions conform with the EN558-1 Basic series 27.
DN50 to DN300 with spring-loaded washers.
DN150 to DN300 are with a manual gearbox.
DN50 to DN100: ISO top flange available on request.
Antistatic and Fire Safe Design.
Upgrades on pages 87 - 94.

up to 20% H_2

Na zahtevo stranke je možna izdelava krogelne pipe, primerne za uporabo do 20% vodika.
Ball valve suitable for up to 20% Hydrogen Application available on request.

O_2

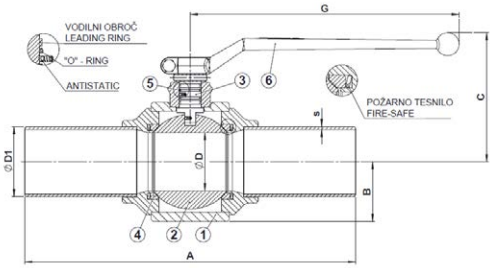
Na zahtevo možna izdelava za kisik.
Ball valve for Oxygen Service available on request.

KPV-G IZ OGLJIKOVEGA JEKLA, UVARNA /
KPV-G CARBON STEEL, WELDED

// **Polni pretok /** Full bore

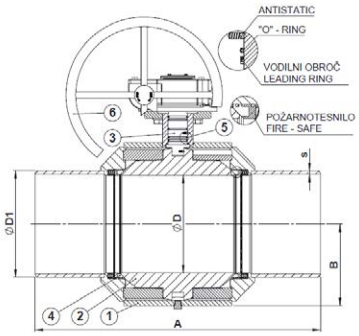
DN25-DN125





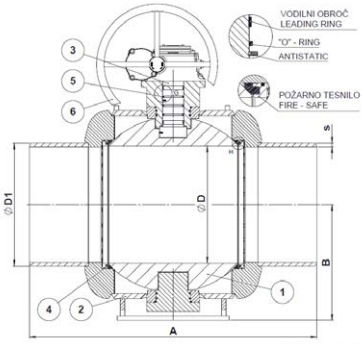
DN150-DN300





DN350-DN450





Materiali / Materials

1	**Ohišje** Body	**Ogljikovo jeklo – A105, P235TR2** Carbon steel – A105, P235TR2	**4**	**Tesnilo krogle** Ball seats	**Teflon** – PTFE**
2	**Krogla** Ball	**Nerjavno jeklo - 1.4301 (X5CrNi18-10) AISI 304** Stainless steel - 1.4301 (X5CrNi18-10) AISI 304	**5**	**O-Obroč** O-Ring	**Viton (+60 °C) - FPM**
3	**Vreteno** Stem	**Nerjavno jeklo – 1.4028 (X30Cr13) AISI 420** Stainless steel – 1.4028(X30Cr13) AISI 420	**6**	**Ročica** Handle	**Kovani aluminij – Al6061, opcija S235JR (St 37-2)** Forged aluminium – Al6061, option S235JR (St 37-2)

**DN150 – DN400 imajo tesnilo s 15% grafita.
**DN150 – DN400 deals with 15% graphite content.

Navor / Torque

DN	**Maks. navor** Max torque **P = 16 bar** **T = 20°C**	**Maks. navor** Max torque **P = 40 bar** **T = 20°C**	**Priporočljivi navor za pogon** Recommendable torque for actuator
	[Nm]	[Nm]	[Nm]
25	15	20	30
32	20	30	45
40	25	40	60
50	35	55	80
65	45	80	120
80	60	100	150
100	90	150	200

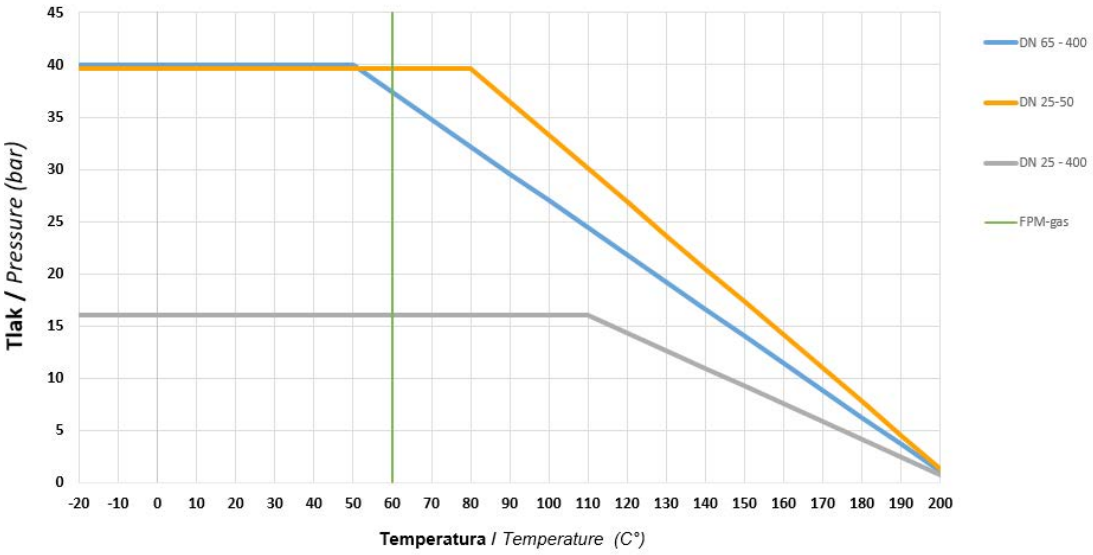
DN	**Maks. navor** Max torque **P = 16 bar** **T = 20°C**	**Maks. navor** Max torque **P = 40 bar** **T = 20°C**	**Priporočljivi navor za pogon** Recommendable torque for actuator
	[Nm]	[Nm]	[Nm]
125	180	350	450
150	250	500	700
200	400	700	1000
250	500	700	1200
300	600	800	1200
350	900	1100	1700
400	1000	1200	1800

Opombe: Navori so bili izmerjeni s čisto vodo pri sobni temperaturi na ventilih s PTFE tesnili. Navor se lahko poveča pri ventilih, ki imajo tesnila iz drugačnih materialov, pri merjenju z različnimi tekočinami, višjimi temperaturami, posebnimi obratovalnimi pogoji in/ali v primeru, da je ventil dlje časa pod diferenčnim tlakom, ne da bi obratoval.
Remarks: The torques were measured on valves supplied with virgin PTFE seats, with clean water at room temperature. For valves with other seat materials, different fluids, higher temperatures, specific operating conditions and/or in case the valve is kept for a long time under differential pressure without being operated, the torque can increase.

// Delovna temperatura / Working temperature: -20 °C/+60 °C

(Za temperature nižje od -20 °C kontaktirajte proizvajalca /
For temperature below -20 °C please contact manufacturer)

Diagram tlak I temperatura /
Pressure I temperature chart



Tesnila na vretenu, ohišju I Stem and body seals

FPM-gas (Max 60°C)

KPV-G DN ... PN40 DU VX PX

PN40

Art.	DN	A	B	C	ØD	ØD1	G	s	Teža / 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	415	3,6	22,70
A957130	125	525	115	260	124	139,7	518	4,0	44,60
A957131	150	600	135	277	149	168,3	–	4,5	70,40
A957132	200	600	176	–	200	219,1	–	6,3	130,00
A957147	250	730	209,5	–	250	273,0	–	8,8	225,70
A957148	300	850	254	–	300	323,9	–	8,8	349,30
A957159	350	850	350	–	334	368,0	–	12,5	537,40
A957160	400	950	383	–	387	406,4	–	12,5	759,40
A957171	450*	950	383	–	387	457	–	12,5	

Uležajena krogla I Trunnion mounted ball

Opombe
Vgradna dolžina po EN12982:2009 Basic series 68.
Vgradna dolžina DN350 in DN400 po EN12982:2009 Basic series 26. DN50 do DN400 z vzmetenimi tesnili.
DN150 do DN400 z ročnim polžnim gonilom.
Antistatična izvedba in požarno tesnilo.
Nadgradnje na strani 87 - 94.
* DN450 reduciran pretok.

Notes
Face to face dimensions according with the EN12982:2009 Basic series 68. Face to face dimensions for DN350 and DN400 are according with the EN12982:2009 Basic series 26.
DN50 to DN400 with spring-loaded washers. DN150 to DN400 are with a manual gearbox. Antistatic and Fire Safe Design.
Upgrades on pages 87 - 94.
*DN450 reduce bore

up to 20% H_2

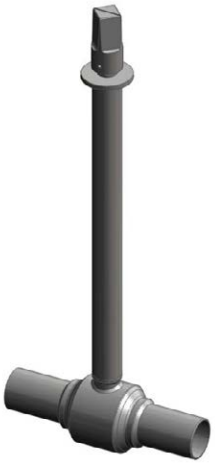
Na zahtevo stranke je možna izdelava krogelne pipe, primerne za uporabo do 20% vodika.
Ball valve suitable for up to 20% Hydrogen Application available on request.

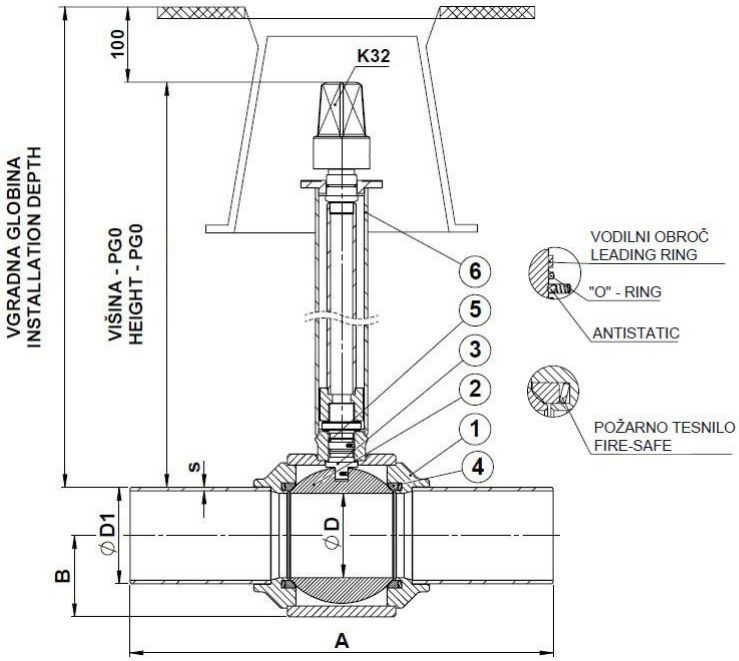
O_2

Na zahtevo možna izdelava za kisik.
Ball valve for Oxygen Service available on request.

KPV-G IZ OGLJIKOVEGA JEKLA, PODZEMNA VGRADNJA, K32 /
KPV-G CARBON STEEL, UNDERGROUND, K32

// **Polni pretok /** Full bore





Materiali / Materials

1	Ohišje Body	Ogljikovo jeklo – A105, P235TR2 Carbon steel – A105, P235TR2
2	Krogla Ball	Nerjavno jeklo - 1.4301 (X5CrNi18-10) AISI 304 Stainless steel - 1.4301 (X5CrNi18-10) AISI 304
3	Vreteno Stem	Nerjavno jeklo – 1.4028 (X30Cr13) AISI 420 Stainless steel – 1.4028(X30Cr13) AISI 420
4	Tesnilo krogle Ball seats	Teflon – PTFE
5	O-Obroč O-Ring	Viton (+60 °C) - FPM
6	Podzemni nastavek Stem extension	Ogljikovo jeklo – P235TR1, A105 Carbon steel – P235TR1, A105

Navor / Torque

DN	**Maks. navor** Max torque **P = 16 bar** **T = 20°C**	**Maks. navor** Max torque **P = 40 bar** **T = 20°C**	**Priporočljivi navor za pogon** Recommendable torque for actuator
	[Nm]	[Nm]	[Nm]
25	15	20	30
32	20	30	45
40	25	40	60
50	35	55	80
65	45	80	120
80	60	100	150
100	90	150	200
125	180	350	450
150	250	500	700

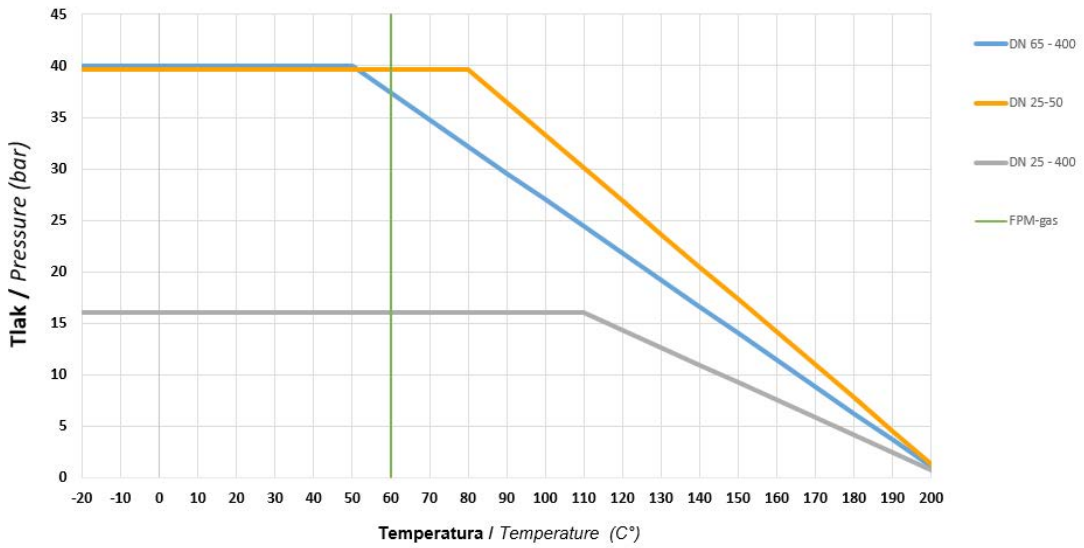
Opombe: Navori so bili izmerjeni s čisto vodo pri sobni temperaturi na ventilih s PTFE tesnili. Navor se lahko poveča pri ventilih, ki imajo tesnila iz drugačnih materialov, pri merjenju z različnimi tekočinami, višjimi temperaturami, posebnimi obratovalnimi pogoji in/ali v primeru, da je ventil dlje časa pod diferenčnim tlakom, ne da bi obratoval.

Remarks: The torques were measured on valves supplied with virgin PTFE seats, with clean water at room temperature. For valves with other seat materials, different fluids, higher temperatures, specific operating conditions and/or in case the valve is kept for a long time under differential pressure without being operated, the torque can increase.

// Delovna temperatura / Working temperature: -20 °C/+60 °C

(Za temperature nižje od -20 °C kontaktirajte proizvajalca /
For temperature below -20 °C please contact manufacturer)

Diagram tlak I temperatura / Pressure I temperature chart



Tesnila na vretenu, ohišju I Stem and body seals

FPM-gas (Max 60°C)

KPV-G DN … PN40 DU VX PX PG0 K32

PN40

Art.	DN	A	B	ØD	ØD1	s	Teža / weight [kg]
A957183	25	270	33	25	33,7	2,6	6,10
A957184	32	270	35	32	42,4	2,6	6,50
A957185	40	270	41	40	48,3	2,6	7,20
A957186	50	300	50	50	60,3	2,9	8,70
A957187	65	360	65	63,5	76,1	2,9	13,90
A957188	80	390	75	78	88,9	3,2	17,70
A957189	100	450	93	99	114,3	3,6	27,50
A957190	125	525	115	124	139,7	4,0	51,90
A957191	150	600	135	149	168,3	4,5	74,00

Uležajena krogla I Trunnion mounted ball

Opombe
Višina - PG0 je 1 m ali po dogovoru.
DN50 do DN150 z vzmetenimi tesnili.
Antistatična izvedba in požarno tesnilo.
Nadgradnje na strani 87 - 94.

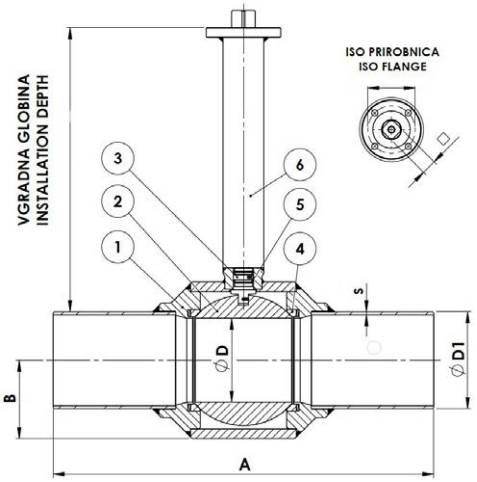
Notes
Installation depth is 1 m or as per request.
DN50 to DN150 with spring-loaded washers.
Antistatic and Fire Safe Design.
Upgrades on pages 87 - 94.

Na zahtevo stranke je možna izdelava krogelne pipe, primerne za uporabo do 20% vodika.
Ball valve suitable for up to 20% Hydrogen Application available on request.

KPV-G IZ OGLJIKOVEGA JEKLA, PODZEMNA VGRADNJA, PG0 F... /
KPV-G CARBON STEEL, UNDERGROUND, PG0 F...

// **Polni pretok /** Full bore





Materiali / Materials

1	Ohišje Body	Ogljikovo jeklo – A105, P235TR2 Carbon steel – A105, P235TR2
2	Krogla Ball	Nerjavno jeklo - 1.4301 (X5CrNi18-10) AISI 304 Stainless steel - 1.4301 (X5CrNi18-10) AISI 304
3	Vreteno Stem	Nerjavno jeklo – 1.4028 (X30Cr13) AISI 420 Stainless steel – 1.4028(X30Cr13) AISI 420
4	Tesnilo krogle Ball seats	Teflon – PTFE
5	O-Obroč O-Ring	Viton (+60 °C) - FPM
6	Podzemni nastavek Stem extension	Ogljikovo jeklo – P235TR1, A105 Carbon steel – P235TR1, A105

Navor / Torque

DN	**Maks. navor** Max torque **P = 16 bar** **T = 20°C**	**Maks. navor** Max torque **P = 40 bar** **T = 20°C**	**Priporočljivi navor za pogon** Recommendable torque for actuator
	[Nm]	[Nm]	[Nm]
25	15	20	30
32	20	30	45
40	25	40	60
50	35	55	80
65	45	80	120
80	60	100	150
100	90	150	200
125	180	350	450
150	250	500	700
200	400	700	1000
250	500	700	1200
300	600	800	1200

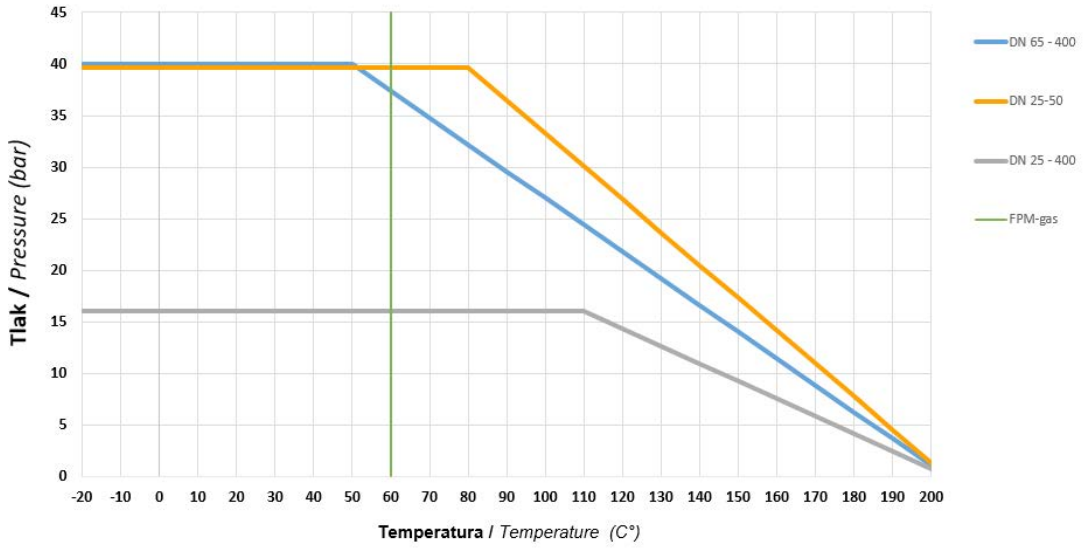
Opombe: Navori so bili izmerjeni s čisto vodo pri sobni temperaturi na ventilih s PTFE tesnili. Navor se lahko poveča pri ventilih, ki imajo tesnila iz drugačnih materialov, pri merjenju z različnimi tekočinami, višjimi temperaturami, posebnimi obratovalnimi pogoji in/ali v primeru, da je ventil dlje časa pod diferenčnim tlakom, ne da bi obratoval.

Remarks: The torques were measured on valves supplied with virgin PTFE seats, with clean water at room temperature. For valves with other seat materials, different fluids, higher temperatures, specific operating conditions and/or in case the valve is kept for a long time under differential pressure without being operated, the torque can increase.

// Delovna temperatura / Working temperature: -20 °C/+60 °C

(Za temperature nižje od -20 °C kontaktirajte proizvajalca /
For temperature below -20 °C please contact manufacturer)

Diagram tlak I temperatura / Pressure I temperature chart



Tesnila na vretenu, ohišju I Stem and body seals

FPM-gas (Max 60°C)

KPV-G DN … PN40 DU VX PX PG0 F..

PN40

Art.	DN	ISO zgornja prirobnica / Top flange	A	B	ØD	ØD1	s	Teža / 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

KPV-G DN … PN40 DU VX PX PG1 F..

PN40

Art.	DN	ISO zgornja prirobnica / Top flange	A	B	ØD	ØD1	s	Teža / 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
A957516	350	F16	850	350	334	368,0	12,5	537,40
A957517	400	F16	950	383	387	406,4	12,5	759,40

Uležajena krogla I Trunnion mounted ball

Opombe

Vgradna globina je 1 m ali po dogovoru.
DN50 do DN400 z vzmetenimi tesnili.
Antistatična izvedba in požarno tesnilo.
DN200 do DN400 z ročnim polžnim gonilom.
DN250 do DN400 – podzemni nastavki izvedba PG1
Nadgradnje na strani 87 - 94.

Notes

Installation depth is 1 m or as per request.
DN50 to DN400 with spring-loaded washers.
Antistatic and Fire Safe Design.
DN200 to DN400 are with a manual gearbox.
DN250 to DN400 – underground extension - construction PG1.
Upgrades on pages 87 - 94.

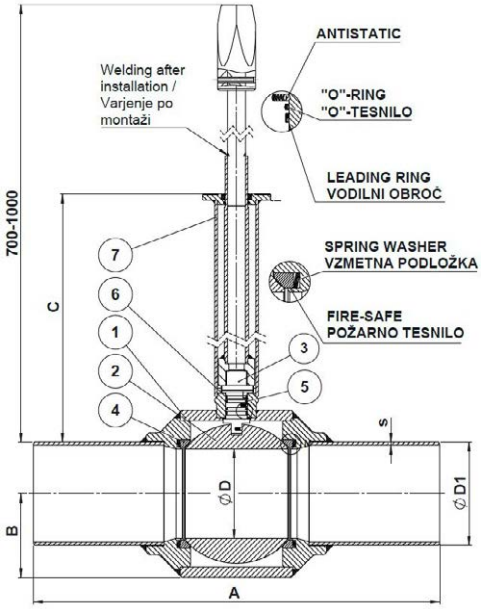
up to 20% H_2

Na zahtevo stranke je možna izdelava krogelne pipe, primerne za uporabo do 20% vodika.
Ball valve suitable for up to 20% Hydrogen Application available on request.

KPV-G IZ OGLJIKOVEGA JEKLA, PODZEMNA VGRADNJA, TELESKOPSKA /
KPV-G CARBON STEEL, UNDERGROUND, TELESCOPIC

// **Polni pretok /** Full bore





Materiali / Materials

1	**Ohišje** Body	**Ogljikovo jeklo – A105, P235TR2** Carbon steel – A105, P235TR2
2	**Krogla** Ball	**Nerjavno jeklo - 1.4301 (X5CrNi18-10) AISI 304** Stainless steel - 1.4301 (X5CrNi18-10) AISI 304
3	**Vreteno** Stem	**Nerjavno jeklo – 1.4028 (X30Cr13) AISI 420** Stainless steel – 1.4028(X30Cr13) AISI 420
4	**Tesnilo krogle** Ball seats	**Teflon** – PTFE
5	**O-Obroč** O-Ring	**Viton (+60 °C) - FPM**
6	**Vodilni obroč** Leading ring	**Turcite**
7	**Podzemni nastavek - teleskopski** Stem extension - telescopic	**Ogljikovo jeklo – P235TR1, A105** Carbon steel – P235TR1, A105

Navor / Torque

DN	**Maks. navor** Max torque **P = 16 bar** **T = 20°C**	**Maks. navor** Max torque **P = 40 bar** **T = 20°C**	**Priporočljivi navor za pogon** Recommendable torque for actuator
	[Nm]	[Nm]	[Nm]
25	15	20	30
32	20	30	45
40	25	40	60
50	35	55	80
65	45	80	120
80	60	100	150
100	90	150	200
125	180	350	450
150	250	500	700

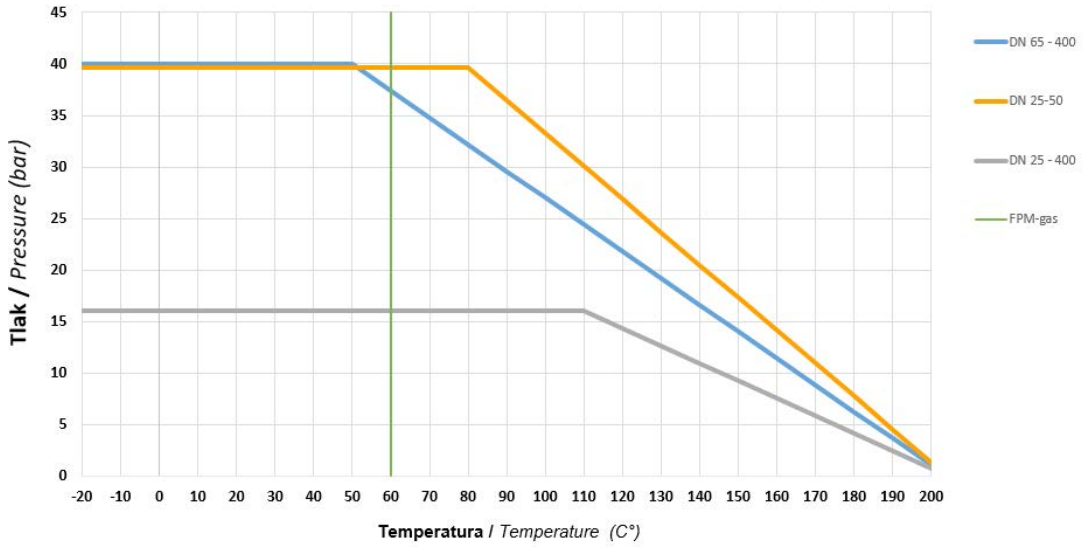
Opombe: Navori so bili izmerjeni s čisto vodo pri sobni temperaturi na ventilih s PTFE tesnili. Navor se lahko poveča pri ventilih, ki imajo tesnila iz drugačnih materialov, pri merjenju z različnimi tekočinami, višjimi temperaturami, posebnimi obratovalnimi pogoji in/ali v primeru, da je ventil dlje časa pod diferenčnim tlakom, ne da bi obratoval.

Remarks: The torques were measured on valves supplied with virgin PTFE seats, with clean water at room temperature. For valves with other seat materials, different fluids, higher temperatures, specific operating conditions and/or in case the valve is kept for a long time under differential pressure without being operated, the torque can increase.

// Delovna temperatura / Working temperature: -20 °C/+60 °C

(Za temperature nižje od -20 °C kontaktirajte proizvajalca /
For temperature below -20 °C please contact manufacturer)

Diagram tlak I temperatura / Pressure I temperature chart



Tesnila na vretenu, ohišju I Stem and body seals

FPM-gas (Max 60°C)

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

PN40

Art.	DN	A	B	C	ØD	ØD1	s	Teža / weight [kg]
A957533	25	270	33	362	25	33,7	4,05	4,4
A957534	32	270	35	363	32	42,4	2,6	5,7
A957535	40	270	41	366	40	48,3	2,6	6,5
A957536	50	300	50	370	50	60,3	4,5	8,2
A957537	65	360	65	365	63,5	76,1	2,9	13,6
A957538	80	390	75	370	78	88,9	3,2	17,9
A957539	100	450	93	370	99	114,3	3,6	33
A957540	125	525	115	367	124	139,7	4,0	63,5
A957541	150	600	135	370	149	168,3	4,5	73,5

Uležajena krogla I Trunnion mounted ball

Opombe
DN50 do DN150 z vzmetnimi tesnili.
Antistatična izvedba in požarno tesnilo.
Nadgradnje na strani 87 - 94.

Notes
DN50 to DN150 with spring-loaded washers.
Antistatic and Fire Safe Design.
Upgrades on pages 87 - 94.

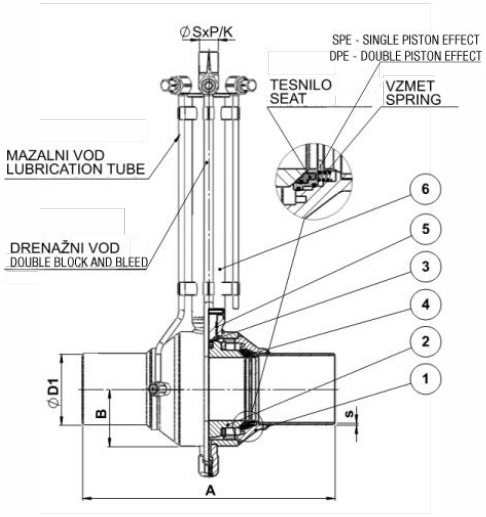
Na zahtevo stranke je možna izdelava krogelne pipe, primerne za uporabo do 20% vodika.
Ball valve suitable for up to 20% Hydrogen Application available on request.

KPV-G IZ OGLJIKOVEGA JEKLA, PODZEMNA VGRADNJA, SEKUNDARNO TESNENJE /

KPV-G CARBON STEEL, UNDERGROUND, SECONDARY SEALING

// **Polni pretok /** Full bore





Materiali / Materials

1	Ohišje Body	Ogljikovo jeklo – A105, P235TR2 Carbon steel – A105, P235TR2
2	Krogla Ball	Nerjavno jeklo - 1.4301 (X5CrNi18-10) AISI 304 Stainless steel - 1.4301 (X5CrNi18-10) AISI 304
3	Vreteno Stem	Nerjavno jeklo – 1.4028 (X30Cr13) AISI 420 Stainless steel – 1.4028(X30Cr13) AISI 420
4	Tesnilo krogle Ball seats	Teflon – PTFE
5	O-Obroč O-Ring	Viton (+60 °C) - FPM
6	Podzemni nastavek - teleskopski Stem extension - telescopic	Ogljikovo jeklo – P235TR1, A105 Carbon steel – P235TR1, A105

Navor / Torque

DN	**Maks. navor** Max torque **P = 16 bar** **T = 20°C**	**Maks. navor** Max torque **P = 40 bar** **T = 20°C**	**Priporočljivi navor za pogon** Recommendable torque for actuator
	[Nm]	[Nm]	[Nm]
80	60	100	150
100	90	150	200
150	250	500	700
200	400	700	1000
250	500	700	1200

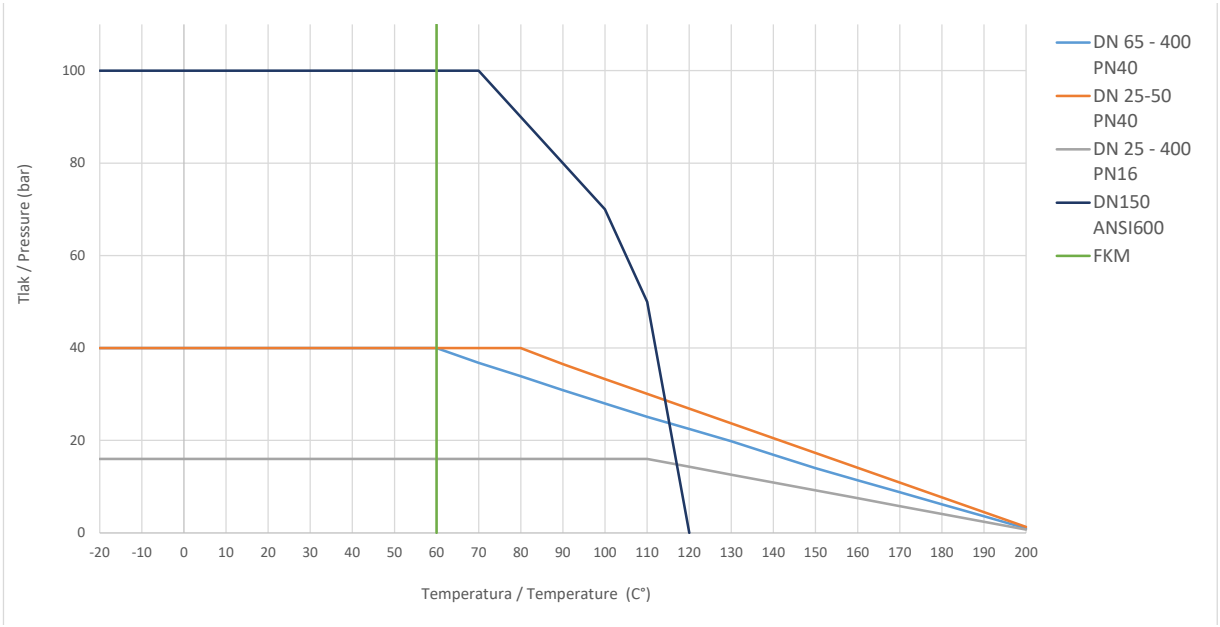
Opombe: Navori so bili izmerjeni s čisto vodo pri sobni temperaturi na ventilih s PTFE tesnili. Navor se lahko poveča pri ventilih, ki imajo tesnila iz drugačnih materialov, pri merjenju z različnimi tekočinami, višjimi temperaturami, posebnimi obratovalnimi pogoji in/ali v primeru, da je ventil dlje časa pod diferenčnim tlakom, ne da bi obratoval.

Remarks: The torques were measured on valves supplied with virgin PTFE seats, with clean water at room temperature. For valves with other seat materials, different fluids, higher temperatures, specific operating conditions and/or in case the valve is kept for a long time under differential pressure without being operated, the torque can increase.

// Delovna temperatura / Working temperature: -20 °C/+60 °C

(Za temperature nižje od -20 °C kontaktirajte proizvajalca /
For temperature below -20 °C please contact manufacturer)

Diagram tlak I temperatura / Pressure I temperature chart



Tesnila na vretenu, ohišju I Stem and body seals

FKM (Max 60°C)

KPV-G DN … PN16 DU VX PX PG0 K32 ST

PN16
PN40, ANSI300*

Art.	DN	A	B	ØD	ØD1	s	Nastavek / Shaft ØSxP/K	Teža / 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

Uležajena krogla I Trunnion mounted ball

KPV-G DN … PN16 DU VX PX PG0 F.. ST

PN16
PN40, ANSI300*

Art.	DN	F..	A (PN16)	A (ANSI300)	B	ØD	ØD1	s (PN16)	s (PN40, ANSI300)	Nastavek / Shaft ØSxP/K	Teža / weight [kg]
A905365	100	F10	450	305	93	99	114,3	5,0	5,0	K22	54,00
A905281	150	F12	600	457	135	149	168,3	4,5	7,1	K27	76,00
A905179	200	F12	600	521	176	200	219,1	6,3	8,0	K27	105,00
A905224	250	F14	730	559	176	200	273,0	7,1	8,8	K27	166,00

Uležajena krogla I Trunnion mounted ball

KPV-G DN … AN600 DU VX DX RR PG1 ST

ANSI Class 600

Art.	DN	A	B	ØD	s	ISO zgornja prirobnica / Top flange	Vreteno / Stem
A956001	150	559	160	149	12,7	-	-

Uležajena krogla I Trunnion mounted ball

Opombe
Antistatična izvedba in požarno tesnilo.
DN80 do DN250 z vzmetenimi tesnili.
A905365 do A905224 z ročnim polžnim pogonom.
*Izdelava po naročilu v skladu s PN40 ANSI300 in ANSI600.
Nadgradnje na strani 87 - 94.

Notes
Antistatic and Fire Safe Design.
DN80 to DN250 with spring-loaded washers.
A905365 to A905224 are with a manual gearbox.
*Manufacturing according to PN40, ANSI300 and ANSI600 possible upon request. Upgrades on pages 87 - 94.

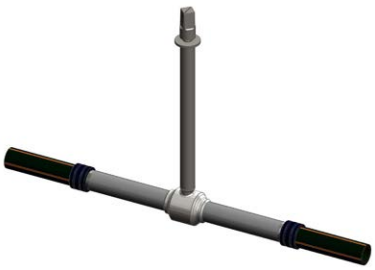
up to 20% H_2

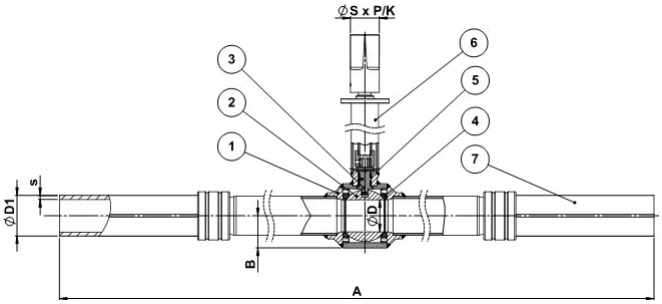
Na zahtevo stranke je možna izdelava krogelne pipe, primerne za uporabo do 20% vodika.
Ball valve suitable for up to 20% Hydrogen Application available on request.

KPV-G IZ OGLJIKOVEGA JEKLA, PODZEMNA VGRADNJA, PREHODNI KOS IZ JEKLA - POLIETILEN /

KPV-G CARBON STEEL, UNDERGROUND, TRANSITIONAL PIECE STEEL - PE

// **Polni pretok /** Full bore





Materiali / Materials

1	Ohišje Body	Ogljikovo jeklo – A105, P235TR2 Carbon steel – A105, P235TR2
2	Krogla Ball	Nerjavno jeklo - 1.4301 (X5CrNi18-10) AISI 304 Stainless steel - 1.4301 (X5CrNi18-10) AISI 304
3	Vreteno Stem	Nerjavno jeklo – 1.4028 (X30Cr13) AISI 420 Stainless steel – 1.4028(X30Cr13) AISI 420
4	Tesnilo krogle Ball seats	Teflon – PTFE
5	O-Obroč O-Ring	Viton (+60 °C) - FPM
6	Podzemni nastavek Stem extension	Ogljikovo jeklo – P235TR1, A105 Carbon steel – P235TR1, A105
7	Prehodni kos Transitional piece	Ogljikovo jeklo / polietilen Carbon steel / Polyethylene – PE

Navor / Torque

DN	**Maks. navor** Max torque **P = 16 bar** **T = 20°C**	**Maks. navor** Max torque **P = 40 bar** **T = 20°C**	**Priporočljivi navor za pogon** Recommendable torque for actuator
	[Nm]	[Nm]	[Nm]
25	15	20	30
32	20	30	45
40	25	40	60
50	35	55	80
65	45	80	120
80	60	100	150
100	90	150	200
150	250	500	700
200	400	700	1000

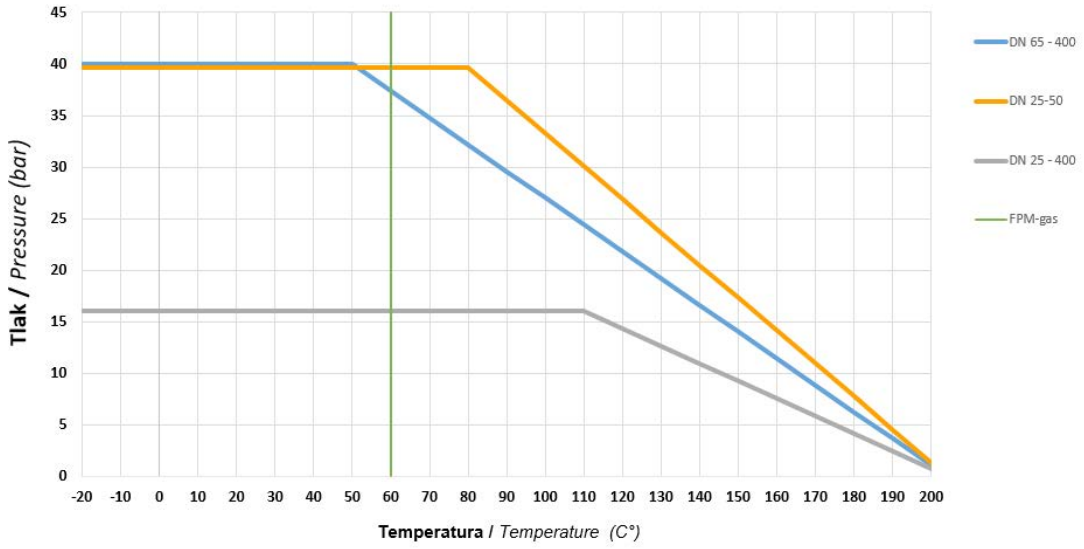
Opombe: Navori so bili izmerjeni s čisto vodo pri sobni temperaturi na ventilih s PTFE tesnili. Navor se lahko poveča pri ventilih, ki imajo tesnila iz drugačnih materialov, pri merjenju z različnimi tekočinami, višjimi temperaturami, posebnimi obratovalnimi pogoji in/ali v primeru, da je ventil dlje časa pod diferenčnim tlakom, ne da bi obratoval.

Remarks: The torques were measured on valves supplied with virgin PTFE seats, with clean water at room temperature. For valves with other seat materials, different fluids, higher temperatures, specific operating conditions and/or in case the valve is kept for a long time under differential pressure without being operated, the torque can increase.

// Delovna temperatura / Working temperature: -20 °C/+60 °C

(Za temperature nižje od -20 °C kontaktirajte proizvajalca /
For temperature below -20 °C please contact manufacturer)

Diagram tlak I temperatura / Pressure I temperature chart



Tesnila na vretenu, ohišju I Stem and body seals

FPM-gas (Max 60°C)

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

PN10

Art.	DN prehodni kos / DN PE connection	DN krogelne pipe / DN Ball valve	A (±20 mm)	B	ØD	ØD1	s	Nastavek / Shaft ØSxP/K	Teža / 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

Uležajena krogla I Trunnion mounted ball

Opombe
Antistatična izvedba in požarno tesnilo.
DN50 do DN200 z vzmetenimi tesnili.
Nadgradnje na strani 87 - 94.

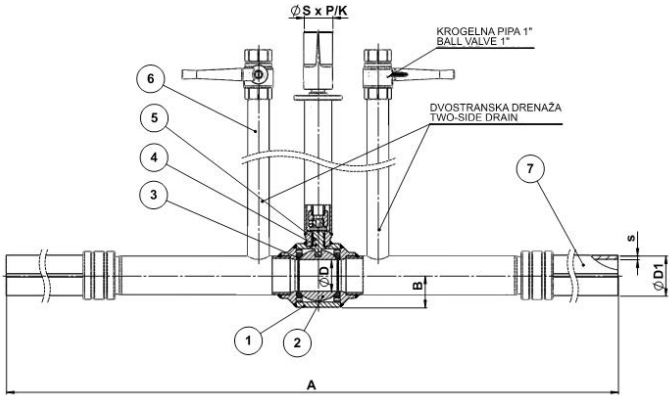
Notes
Antistatic and Fire Safe Design.
DN50 to DN200 with spring-loaded washers.
Upgrades on pages 87 - 94.

Na zahtevo stranke je možna izdelava krogelne pipe, primerne za uporabo do 20% vodika.
Ball valve suitable for up to 20% Hydrogen Application available on request.

KPV-G IZ OGLJIKOVEGA JEKLA, PODZEMNA VGRADNJA, PREHODNI KOS IZ JEKLA - POLIETILEN, Z DVOSTRANSKIM IZPUSTOM / KPV-G CARBON STEEL, UNDERGROUND, TRANSITIONAL PIECE STEEL - PE, TWO SIDE DRAINAGE

// **Polni pretok /** Full bore





Materiali / Materials

1	Ohišje Body	Ogljikovo jeklo – A105, P235TR2 Carbon steel – A105, P235TR2
2	Krogla Ball	Nerjavno jeklo - 1.4301 (X5CrNi18-10) AISI 304 Stainless steel - 1.4301 (X5CrNi18-10) AISI 304
3	Vreteno Stem	Nerjavno jeklo – 1.4028 (X30Cr13) AISI 420 Stainless steel – 1.4028(X30Cr13) AISI 420
4	Tesnilo krogle Ball seats	Teflon – PTFE
5	O-Obroč O-Ring	Viton (+60 °C) - FPM
6	Podzemni nastavek Stem extension	Ogljikovo jeklo – P235TR1, A105 Carbon steel – P235TR1, A105
7	Prehodni kos Transitional piece	Ogljikovo jeklo / polietilen Carbon steel / Polyethylene – PE

Navor / Torque

DN	**Maks. navor** Max torque **P = 16 bar** **T = 20°C**	**Maks. navor** Max torque **P = 40 bar** **T = 20°C**	**Priporočljivi navor za pogon** Recommendable torque for actuator
	[Nm]	[Nm]	[Nm]
50	35	55	80
65	45	80	120
80	60	100	150
100	90	150	200
150	250	500	700
200	400	700	1000

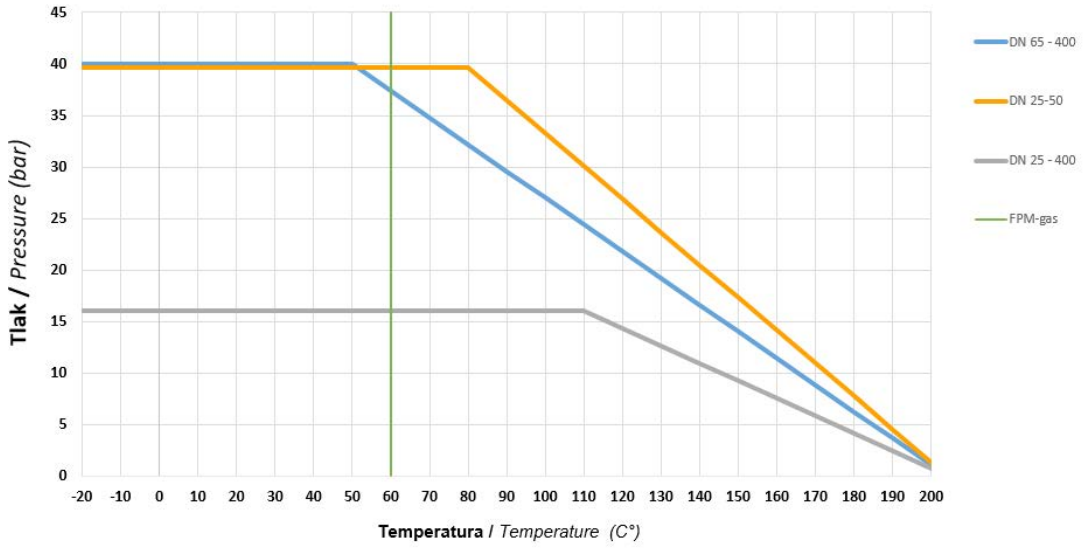
Opombe: Navori so bili izmerjeni s čisto vodo pri sobni temperaturi na ventilih s PTFE tesnili. Navor se lahko poveča pri ventilih, ki imajo tesnila iz drugačnih materialov, pri merjenju z različnimi tekočinami, višjimi temperaturami, posebnimi obratovalnimi pogoji in/ali v primeru, da je ventil dlje časa pod diferenčnim tlakom, ne da bi obratoval.

Remarks: The torques were measured on valves supplied with virgin PTFE seats, with clean water at room temperature. For valves with other seat materials, different fluids, higher temperatures, specific operating conditions and/or in case the valve is kept for a long time under differential pressure without being operated, the torque can increase.

// Delovna temperatura / Working temperature: -20 °C/+60 °C

(Za temperature nižje od -20 °C kontaktirajte proizvajalca /
For temperature below -20 °C please contact manufacturer)

Diagram tlak I temperatura / Pressure I temperature chart



Tesnila na vretenu, ohišju I Stem and body seals

FPM-gas (Max 60°C)

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

PN10

Art.	DN prehodni kos / DN PE connection	DN krogelne pipe / DN Ball valve	A (±20 mm)	B	ØD	ØD1	s	Nastavek / Shaft ØSxP/K	Teža / 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

Uležajena krogla I Trunnion mounted ball

Opombe
Antistatična izvedba in požarno tesnilo.
DN50 do DN200 z vzmetenimi tesnili.
Nadgradnje na strani 87 - 94.

Notes
Antistatic and Fire Safe Design.
DN50 to DN200 with spring-loaded washers.
Upgrades on pages 87 - 94.

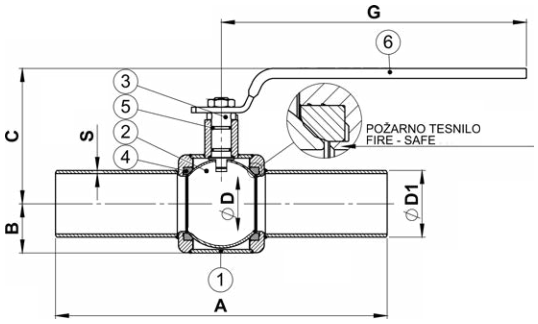
Na zahtevo stranke je možna izdelava krogelne pipe, primerne za uporabo do 20% vodika.
Ball valve suitable for up to 20% Hydrogen Application available on request.

KPT-G IZ OGLJIKOVEGA JEKLA, UVARNA /
KPT-G CARBON STEEL, WELDED

// Polni pretok / Full bore

DN15-DN50





Materiali / Materials

1	Ohišje Body	Ogljikovo jeklo – A105, P235TR2 Carbon steel – A105, P235TR2
2	Krogla Ball	Nerjavno jeklo - 1.4301 (X5CrNi18-10) AISI 304 Stainless steel - 1.4301 (X5CrNi18-10) AISI 304
3	Vreteno Stem	Nerjavno jeklo – 1.4028 (X30Cr13) AISI 420 Stainless steel – 1.4028(X30Cr13) AISI 420
4	Tesnilo krogle Ball seats	Teflon – PTFE
5	O-Obroč O-Ring	Viton (+60 °C) - FPM
6	Ročica Handle	Ogljikovo jeklo (cinkano) – S235JR (St 37-2) Carbon steel (galvanized) – S235JR (St 37-2)

Navor / Torque

DN	Maks. navor Max torque P = 16 bar T = 20°C	Maks. navor Max torque P = 40 bar T = 20°C	Priporočljivi navor za pogon Recommendable torque for actuator
	[Nm]	[Nm]	[Nm]
15	6	10	20
20	8	15	20
25	15	20	30
32	20	30	45
40	25	40	60
50	35	55	80

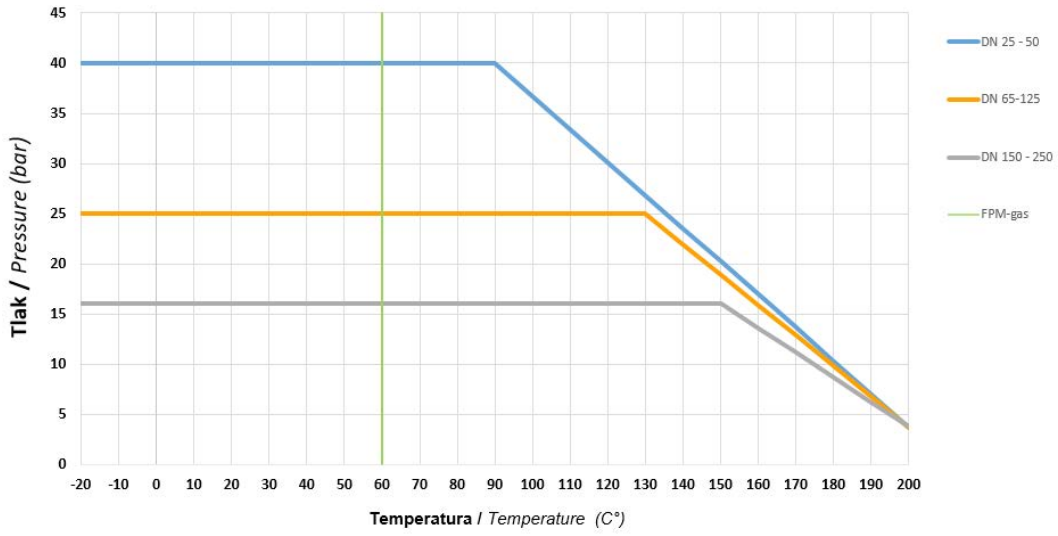
Opombe: Navori so bili izmerjeni s čisto vodo pri sobni temperaturi na ventilih s PTFE tesnili. Navor se lahko poveča pri ventilih, ki imajo tesnila iz drugačnih materialov, pri merjenju z različnimi tekočinami, višjimi temperaturami, posebnimi obratovalnimi pogoji in/ali v primeru, da je ventil dlje časa pod diferenčnim tlakom, ne da bi obratoval.

Remarks: The torques were measured on valves supplied with virgin PTFE seats, with clean water at room temperature. For valves with other seat materials, different fluids, higher temperatures, specific operating conditions and/or in case the valve is kept for a long time under differential pressure without being operated, the torque can increase.

// Delovna temperatura / Working temperature: -20 °C/+60 °C

(Za temperature nižje od -20 °C kontaktirajte proizvajalca /
For temperature below -20 °C please contact manufacturer)

Diagram tlak I temperatura / Pressure I temperature chart



Tesnila na vretenu, ohišju I Stem and body seals

FPM-gas (Max 60°C)

KPT-G DN ... PN16 DU VX PX

PN16

Art.	DN	A	B	C	ØD	ØD1	G	S	Teža / weight [kg]
A958021	15	270	16,9	72,4	15,9	21,3	153	2,6	0,71
A958022	20	270	21,2	82,6	20	26,9	153	2,6	0,95
A958023	25	270	24,2	90,3	25	33,7	153	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	273	2,9	3,63
A958026	50	300	44,5	122,5	50	60,3	273	2,9	5,33

Opombe
Vgradna dolžina ustreza standardu EN12982:2009 Basic series 68.
Požarno tesnilo.
DN15 do DN32 so s polno kroglo.
DN40 in DN50 sta z votlo kroglo.
Nadgradnje na strani 87 - 94.

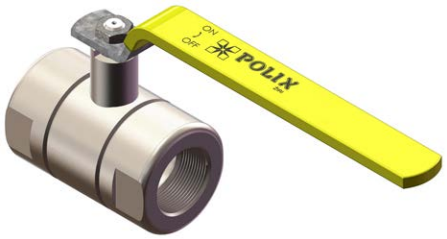
Notes
Face to face dimensions conform with the EN12982:2009 Basic series 68. Fire Safe Design.
DN15 to DN32 valves feature a solid ball.
DN40 and DN50 valves feature a hollow ball.
Upgrades on pages 87 - 94.

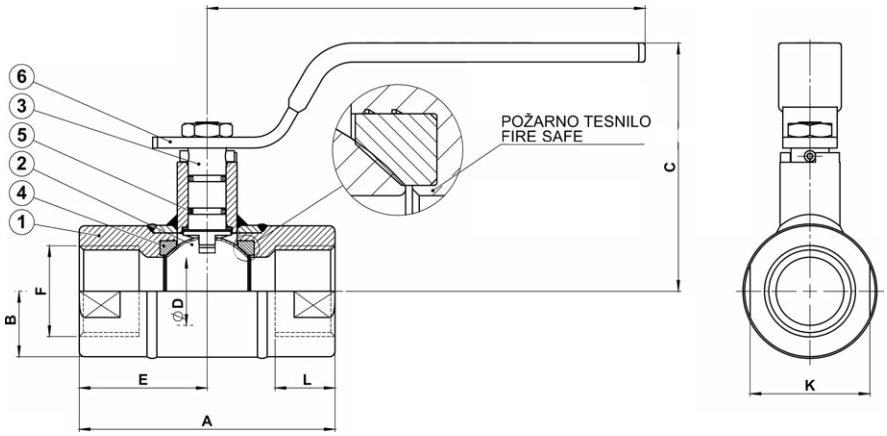
O_2

Na zahtevo možna izdelava za kisik.
Ball valve for Oxygen Service available on request.

KPT-G IZ OGLJIKOVEGA JEKLA, NAVOJNA / KPT-G CARBON STEEL, THREADED

// Polni pretok / Full bore





Materiali / Materials

1	Ohišje Body	Ogljikovo jeklo – A105, P235TR2 Carbon steel – A105, P235TR2
2	Krogla Ball	Nerjavno jeklo - 1.4301 (X5CrNi18-10) AISI 304 Stainless steel - 1.4301 (X5CrNi18-10) AISI 304
3	Vreteno Stem	Nerjavno jeklo – 1.4028 (X30Cr13) AISI 420 Stainless steel – 1.4028(X30Cr13) AISI 420
4	Tesnilo krogle Ball seats	Teflon – PTFE
5	O-Obroč O-Ring	Viton (+60 °C) - FPM
6	Ročica Handle	Ogljikovo jeklo (cinkano) – S235JR (St 37-2) Carbon steel (galvanized) – S235JR (St 37-2)

Navor / Torque

DN	Maks. navor Max torque P = 16 bar T = 20°C	Maks. navor Max torque P = 40 bar T = 20°C	Priporočljivi navor za pogon Recommendable torque for actuator
	[Nm]	[Nm]	[Nm]
15	6	10	20
20	8	15	20
25	15	20	30
32	20	30	45
40	25	40	60
50	35	55	80

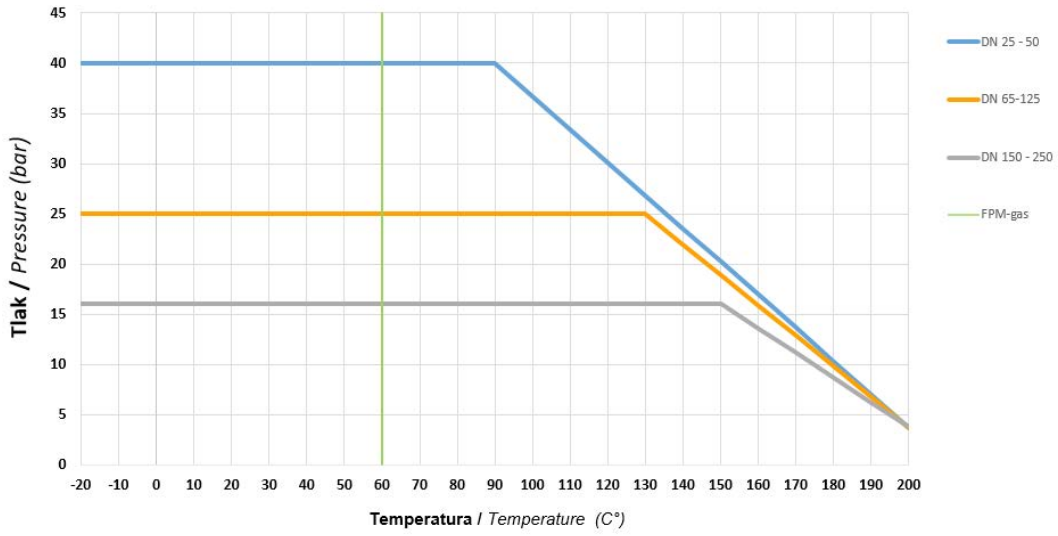
Opombe: Navori so bili izmerjeni s čisto vodo pri sobni temperaturi na ventilih s PTFE tesnili. Navor se lahko poveča pri ventilih, ki imajo tesnila iz drugačnih materialov, pri merjenju z različnimi tekočinami, višjimi temperaturami, posebnimi obratovalnimi pogoji in/ali v primeru, da je ventil dlje časa pod diferenčnim tlakom, ne da bi obratoval.

Remarks: The torques were measured on valves supplied with virgin PTFE seats, with clean water at room temperature. For valves with other seat materials, different fluids, higher temperatures, specific operating conditions and/or in case the valve is kept for a long time under differential pressure without being operated, the torque can increase.

// Delovna temperatura / Working temperature: -20 °C/+60 °C

(Za temperature nižje od -20 °C kontaktirajte proizvajalca /
For temperature below -20 °C please contact manufacturer)

Diagram tlak I temperatura / Pressure I temperature chart



Tesnila na vretenu, ohišju I Stem and body seals

FPM-gas (Max 60°C)

KPT-G DN ... PN40 DN VX PX

PN40

Art.	DN	A	B	C	ØD	E	F	G	K	L	Teža / weight [kg]
A958751	15	68	16,9	71,6	15,8	34	G ½“	153	32	17	0,5
A958752	20	78	21,2	82,6	20	39	G ¾“	153	40	18	0,8
A958753	25	94	24,2	90,3	25	47	G 1“	153	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

Opombe
Požarno tesnilo.
DN15 do DN32 so s polno kroglo.
DN40 in DN50 sta z votlo kroglo.
Nadgradnje na strani 87 - 94.

Notes
Fire Safe Design.
DN15 to DN32 valves feature a solid ball.
DN40 and DN50 valves feature a hollow ball.
Upgrades on pages 87 - 94.

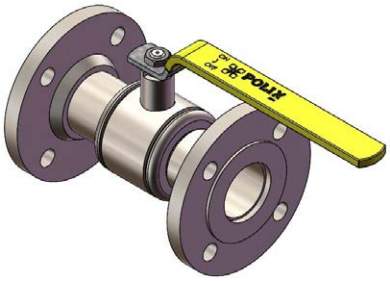
O_2

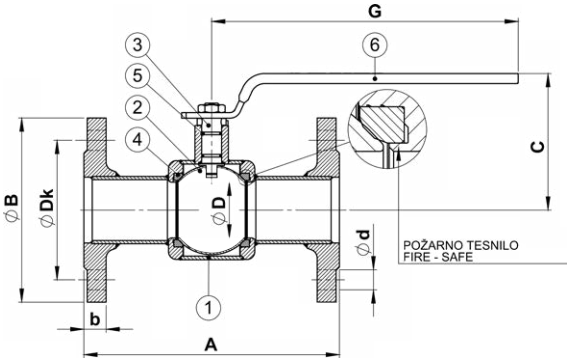
Na zahtevo možna izdelava za kisik.
Ball valve for Oxygen Service available on request.

KPT-G IZ OGLJIKOVEGA JEKLA, PRIROBNIČNA / KPT-G CARBON STEEL, FLANGED

// Polni pretok / Full bore

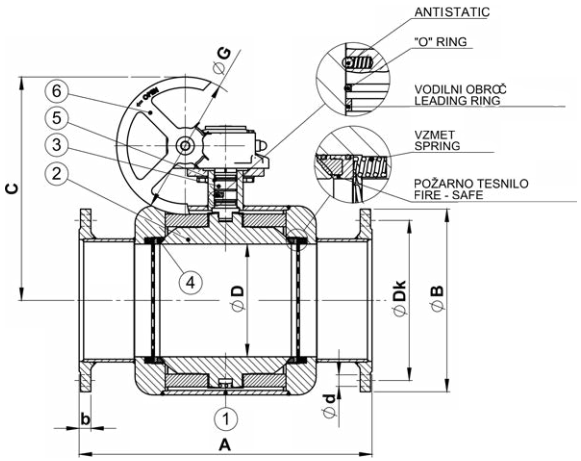
DN15-DN200





DN250-DN300





Materiali / Materials

1	Ohišje Body	Ogljikovo jeklo – A105, P235TR2 Carbon steel – A105, P235TR2
2	Krogla Ball	Nerjavno jeklo - 1.4301 (X5CrNi18-10) AISI 304 Stainless steel - 1.4301 (X5CrNi18-10) AISI 304
3	Vreteno Stem	Nerjavno jeklo – 1.4028 (X30Cr13) AISI 420 Stainless steel – 1.4028(X30Cr13) AISI 420
4	Tesnilo krogle Ball seats	Teflon – PTFE
5	O-Obroč O-Ring	Viton (+60 °C) - FPM
6	Ročica Handle	Ogljikovo jeklo (cinkano) – S235JR (St 37-2) Carbon steel (galvanized) – S235JR (St 37-2)

Navor / Torque

DN	Maks. navor Max torque P = 16 bar T = 20°C	Maks. navor Max torque P = 40 bar T = 20°C	Priporočljivi navor za pogon Recommendable torque for actuator
	[Nm]	[Nm]	[Nm]
15	6	10	20
20	8	15	20
25	15	20	30
32	20	30	45
40	25	40	60
50	35	55	80
65	45	80	120
80	60	100	150
100	90	150	200
125	180	350	450
150	250	500	700
200	400	700	1000
250	500	700	1200
300	600	800	1200

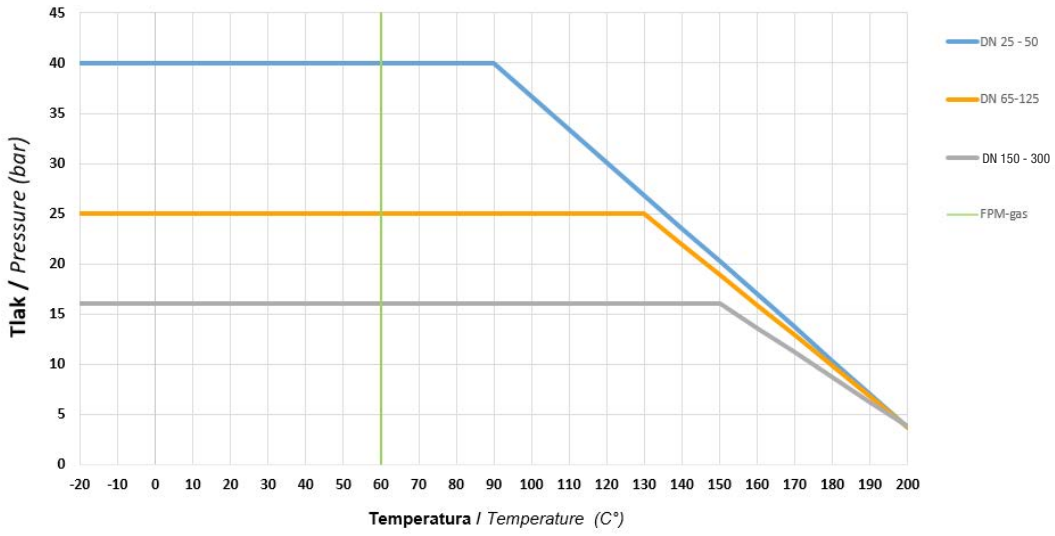
Opombe: Navori so bili izmerjeni s čisto vodo pri sobni temperaturi na ventilih s PTFE tesnili. Navor se lahko poveča pri ventilih, ki imajo tesnila iz drugačnih materialov, pri merjenju z različnimi tekočinami, višjimi temperaturami, posebnimi obratovalnimi pogoji in/ali v primeru, da je ventil dlje časa pod diferenčnim tlakom, ne da bi obratoval.

Remarks: The torques were measured on valves supplied with virgin PTFE seats, with clean water at room temperature. For valves with other seat materials, different fluids, higher temperatures, specific operating conditions and/or in case the valve is kept for a long time under differential pressure without being operated, the torque can increase.

// Delovna temperatura / Working temperature: -20 °C/+60 °C

(Za temperature nižje od -20 °C kontaktirajte proizvajalca /
For temperature below -20 °C please contact manufacturer)

Diagram tlak I temperatura / Pressure I temperature chart



Tesnila na vretenu, ohišju I Stem and body seals

FPM-gas (Max 60°C)

KPT-G DN ... PN16 DP VX PX

PN16

Art.	DN	A	ØB	C	ØD	G	b	ØDk	Ød	Št. / No.	Teža / weight [kg]
A958221	15	130	95	71,6	15,9	153	16	65	14	4	1,96
A958222	20	150	105	82,6	20	153	18	75	14	4	2,73
A958223	25	160	115	90,3	25	153	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

Uležajena krogla I Trunnion mounted ball

Opombe

Vgradna dolžina ustreza standardu EN558-1 Basic series 28.
Požarno tesnilo.
DN250 in DN300:
- vzmetena tesnila
- antistatična izvedba
- ročni polžni pogon

DN15 do DN32 in DN250 do DN300 so s polno kroglo.
DN40 do DN200 so z votlo kroglo.
**DN300 – reduciran pretok.
Nadgradnje na strani 87 - 94.

Notes

Face to face dimensions conform with the EN558-1 Basic series 28. Fire Safe Design.
DN250 and DN300:
- spring-loaded washers
- antistatic design
- manual gearbox

DN15 to DN32 and DN250 to DN300 valves feature a solid ball. DN40 to DN200 valves feature a hollow ball.
**DN300 – reduced bore.
Upgrades on pages 87 - 94.

O_2

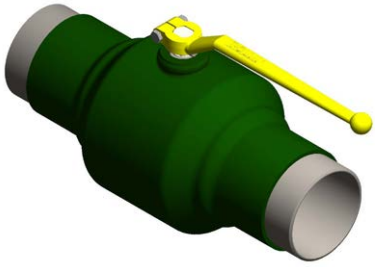
Na zahtevo možna izdelava za kisik.
Ball valve for Oxygen Service available on request.

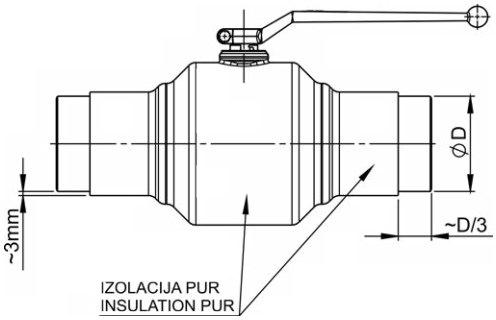
PUR IZOLACIJA /
PUR INSULATION

// Delovna temperatura / Working temperature: -20 °C/+60 °C

(Za temperature nižje od -20 °C kontaktirajte proizvajalca /
For temperature below -20 °C please contact manufacturer)

DN15-DN400

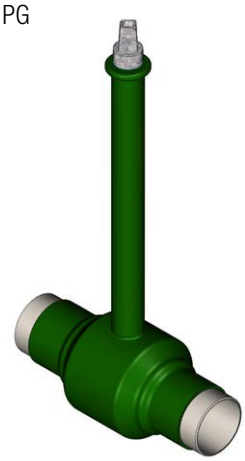


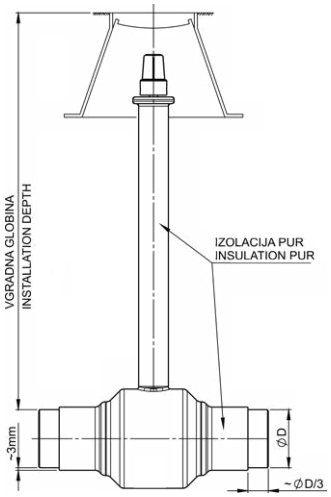


1	Krogelna pipa Ball valve	Ogljikovo jeklo – A105, P235TR2 Carbon steel – A105, P235TR2
2	Antikorozijska zaščita Anti-corrosion protection	PUR

Art.	DN
A071627	15-400

DN15-DN400 PG





1	Krogelna pipa Ball valve	Ogljikovo jeklo – A105, P235TR2 Carbon steel – A105, P235TR2
2	Podzemni nastavek Stem extension	Ogljikovo jeklo – P235TR1, A105 Carbon steel – P235TR1, A105
3	Antikorozijska zaščita Anti-corrosion protection	PUR

Art.	DN
A071628	15-400 PG





ABRAZIVNI MEDIJI

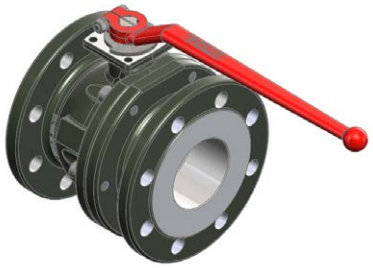
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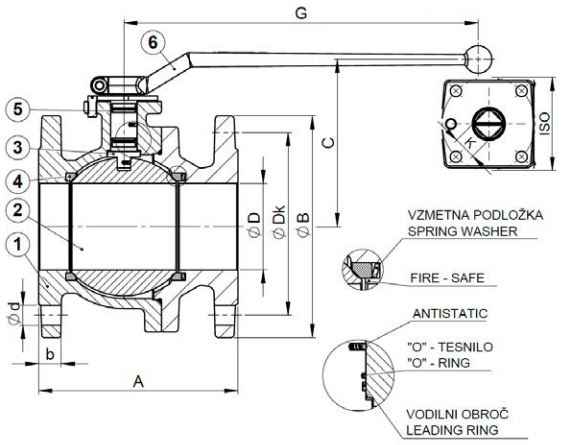
ABRASIVE MEDIUMS

• Prirobnična krogelna pipa iz nodularne litine
• Flanged ductile iron ball valve

KPN IZ NODULARNE LITINE - KOVINSKO TESNENJE /
KPN DUCTILE IRON - METAL SEATED

// **Polni pretok /** Full bore





Materiali / Materials

1	Ohišje Body	Nodularna litina – EN-GJS-400-15 (GGG40) Ductile iron – EN-GJS-400-15 (GGG40)
2	Krogla Ball	Nerjavno jeklo - 1.4301 (X5CrNi18-10) AISI 304 Stainless steel - 1.4301 (X5CrNi18-10) AISI 304
3	Vreteno Stem	Nerjavno jeklo – 1.4028 (X30Cr13) AISI 420 Stainless steel – 1.4028(X30Cr13) AISI 420
4	Tesnilo krogle Ball seats	PTFE + 60% bron PTFE + 60% bronze
5	O-Obroč O-Ring	PTFE
6	Ročica Handle	Kovani aluminij – Al6061, opcija S235JR (St 37-2) Forged aluminium – Al6061, option S235JR (St 37-2)

Navor / Torque

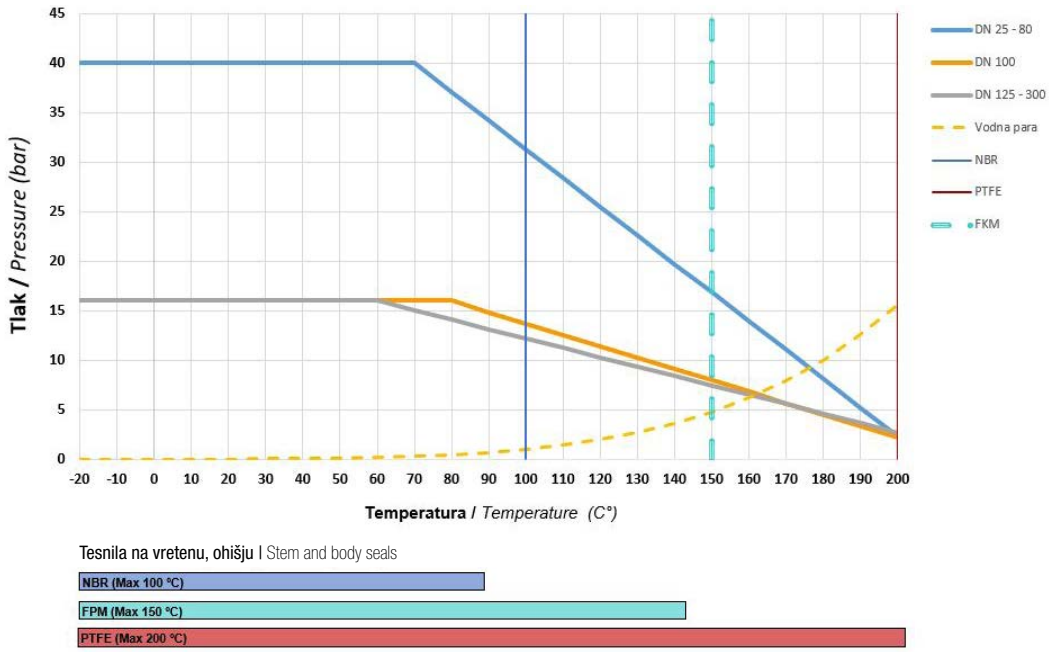
DN	Maks. navor Max torque P = 16 bar T = 20°C	Maks. navor Max torque P = 40 bar T = 20°C	Priporočljivi navor za pogon Recommendable torque for actuator
	[Nm]	[Nm]	[Nm]
15	6	10	20
20	8	15	20
25	15	20	30
32	20	30	45
40	25	40	60
50	35	55	80
65	45	80	120
80	60	100	150
100	90	150	200
125	180	350	450
150	250	500	700
200	400	700	1000
250	500	700	1200

Opombe: Navori so bili izmerjeni s čisto vodo pri sobni temperaturi na ventilih s PTFE tesnili. Navor se lahko poveča pri ventilih, ki imajo tesnila iz drugačnih materialov, pri merjenju z različnimi tekočinami, višjimi temperaturami, posebnimi obratovalnimi pogoji in/ali v primeru, da je ventil dlje časa pod diferenčnim tlakom, ne da bi obratoval.

Remarks: The torques were measured on valves supplied with virgin PTFE seats, with clean water at room temperature. For valves with other seat materials, different fluids, higher temperatures, specific operating conditions and/or in case the valve is kept for a long time under differential pressure without being operated, the torque can increase.

// Delovna temperatura / Working temperature: -20 °C/+200 °C

Diagram tlak I temperatura / Pressure I temperature chart



KPN DN ... PN16 DP PX MX - ISO

PN16

Art.	DN	A	ØB	C	ØD	G	b	ØDk	Ød	Št. / No.	ISO (zgornja) prirobnica / Top Flange	Nastavek / Shaft K x h	Teža / weight [kg]
A954271	15	115	95	67	16	150	17	65	14	4	F04	□ 11 x 13,5	2,00
A954272	20	120	105	74	20	150	18	75	14	4	F04	□ 11 x 13,5	3,30
A954273	25	125	115	83	25	150	18	85	14	4	F04	□ 11 x 13,5	3,60
A954274	32	130	140	102	32	210	18	100	18	4	F04	□ 14 x 18	5,40
A954275	40	140	150	107	40	210	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
A950462	200	400	340	-	200	-	24	295	22	12	F12	□ 27 x 31	144,00
A950463	250	450	405	-	250	-	26	355	26	12	F14	□ 36 x 36	235,00

Uležajena krogla I Trunnion mounted ball

Opombe
Vgradna dolžina ustreza standardu EN558-1 Basic series 27.
Antistatična izvedba in požarno tesnilo.
Nadgradnje na strani 87 - 94.

Notes
Face to face dimensions conform with the EN558-1 Basic series 27.
Antistatic and Fire Safe Design.
Upgrades on pages 87 - 94.


POLLUX
ON
OFF

VODA IN DRUGI MEDIJI

-

WATER AND OTHER MEDIUMS

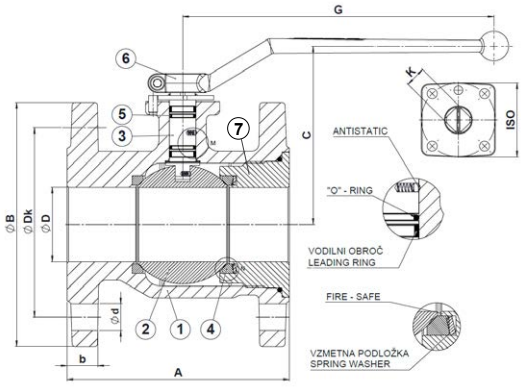
• Prirobnična krogelna pipa iz nodularne litine
• Flanged ductile iron ball valve

KPN IZ NODULARNE LITINE / KPN DUCTILE IRON

// **Polni pretok /** Full bore

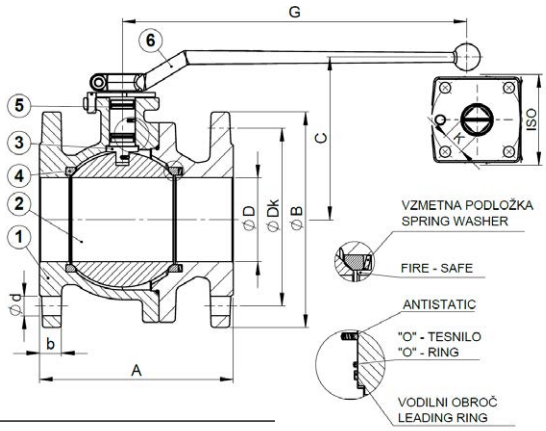
DN15-DN50





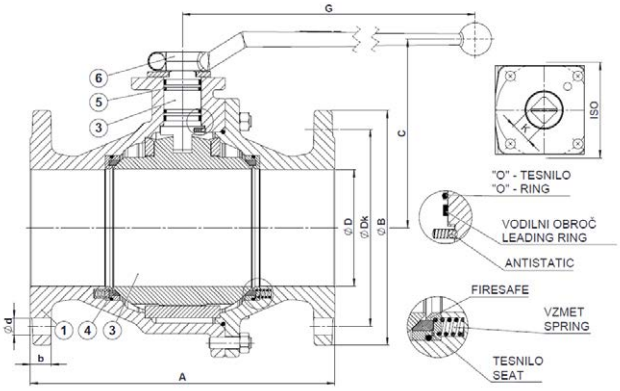
DN65-DN100





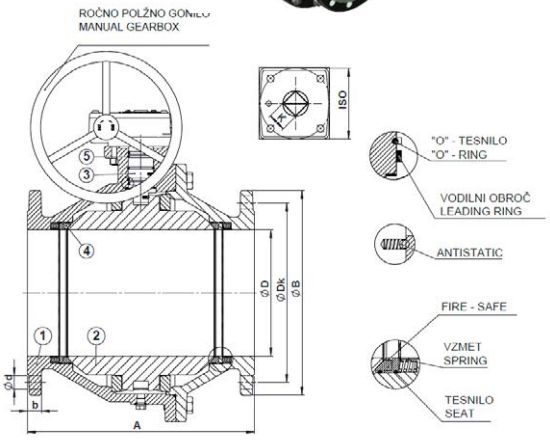
DN125-DN150





DN200-DN300





Materiali / Materials

1	Ohišje Body	Nodularna litina – EN-GJS-400-15 (GGG40) Ductile iron – EN-GJS-400-15 (GGG40)	5	O-Obroč O-Ring	PTFE
2	Krogla Ball	Nerjavno jeklo - 1.4301 (X5CrNi18-10) AISI 304 Stainless steel - 1.4301 (X5CrNi18-10) AISI 304	6	Ročica Handle	Kovani aluminij – Al6061, opcija: S235JR (St 37-2) Forged aluminium – Al6061, option: S235JR (St 37-2)
3	Vreteno Stem	Nerjavno jeklo – 1.4028 (X30Cr13) AISI 420 Stainless steel – 1.4028(X30Cr13) AISI 420	7	Matica (DN15-DN50) Tightening nut (DN25-DN50)	Ogljikovo jeklo – A105, P235TR2 Carbon steel A105, P235TR2
4	Tesnilo krogle Ball seats	Teflon – PTFE			

Navor / Torque

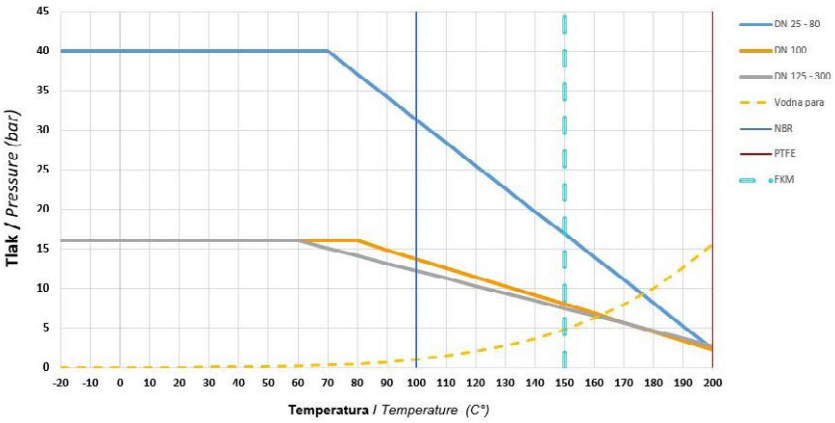
DN	**Maks. navor** Max torque **P = 16 bar T = 20°C**	**Maks. navor** Max torque **P = 40 bar T = 20°C**	**Priporočljivi navor za pogon** Recommendable torque for actuator
	[Nm]	[Nm]	[Nm]
15	6	10	20
20	8	15	20
25	15	20	30
32	20	30	45
40	25	40	60
50	35	55	80
65	45	80	120
80	60	100	150
100	90	150	200
125	180	350	450
150	250	500	700
200	400	700	1000
250	500	700	1200
300	600	800	1200

Opombe: Navori so bili izmerjeni s čisto vodo pri sobni temperaturi na ventilih s PTFE tesnili. Navor se lahko poveča pri ventilih, ki imajo tesnila iz drugačnih materialov, pri merjenju z različnimi tekočinami, višjimi temperaturami, posebnimi obratovalnimi pogoji in/ali v primeru, da je ventil dlje časa pod diferenčnim tlakom, ne da bi obratoval.

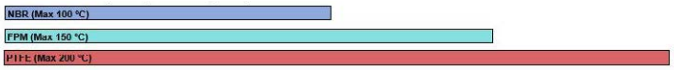
Remarks: The torques were measured on valves supplied with virgin PTFE seats, with clean water at room temperature. For valves with other seat materials, different fluids, higher temperatures, specific operating conditions and/or in case the valve is kept for a long time under differential pressure without being operated, the torque can increase.

// Delovna temperatura / Working temperature: -20 °C/+200 °C

Diagram tlak I temperatura /
Pressure I temperature chart



Tesnila na vretenu, ohišju I Stem and body seals



KPN DN … PN16 DP PX PX - ISO

PN16

Art.	DN	A	ØB	C	ØD	G	b	ØDk	Ød	Št. / No.	ISO zgornja prirobnica / Top flange	Nastavek / Shaft K x h	Teža / weight [kg]
A954221	15	115	95	72	13	150	16	65	14	4	F04	□ 11 x 13,5	2,00
A954222	20	120	105	82	19,5	150	18	75	14	4	F04	□ 11 x 13,5	3,30
A954223	25	125	115	83	25	150	18	85	14	4	F04	□ 11 x 13,5	3,60
A954224	32	130	140	102	32	210	18	100	18	4	F04	□ 14 x 18	5,40
A954225	40	140	150	107	40	210	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	□ 27 x 31	144,00
A950037	250	450	405	-	250	-	26	355	26	12	F14	□ 36 x 36	235,00
A950038	300	500	460	-	300	-	29	410	26	12	F14/16	□ 36 x 34	329,00

Uležajena krogla I Trunnion mounted ball

KPN DN … PN40 DP PX PX - ISO

PN40

Art.	DN	A	ØB	C	ØD	G	b	ØDk	Ød	Št. / No.	ISO zgornja prirobnica / Top flange	Nastavek / Shaft K x h	Teža / weight [kg]
A954231	15	115	95	72	13	150	16	65	14	4	F04	□ 11 x 13,5	2,00
A954232	20	120	105	82	19,5	150	18	75	14	4	F04	□ 11 x 13,5	3,30
A954233	25	125	115	83	25	150	18	85	14	4	F04	□ 11 x 13,5	3,60
A954234	32	130	140	102	32	210	18	100	18	4	F04	□ 14 x 18	5,40
A954235	40	140	150	107	40	210	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

Opombe

DN50 do DN300 z vzmetenimi tesnili.
Vgradna dolžina ustreza standardu EN558-1 Basic series 27.
DN200 do DN300 z ročnim polžnim gonilom.
Antistatična izvedba in požarno tesnilo.
*Ohišje iz ogljikovega jekla – A105, P235TR2.
Dvodelno ohišje pritrjeno z vijaki.
Nadgradnje na strani 87 - 94.

Notes

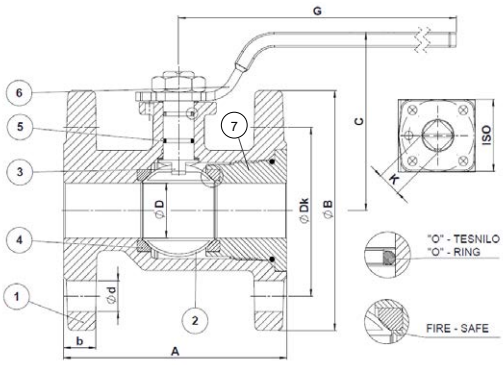
DN50 to DN300 with spring-loaded washers.
Face to face dimensions conform with the EN558-1 Basic series 27.
DN200 to DN300 are with a manual gearbox.
Antistatic and Fire Safe Design.
*Body made of Carbon Steel – A105, P235TR2.
Two-piece body, bolted design.
Upgrades on pages 87 - 94.

KPC IZ NODULARNE LITINE / KPC DUCTILE IRON

// **Polni pretok /** Full bore

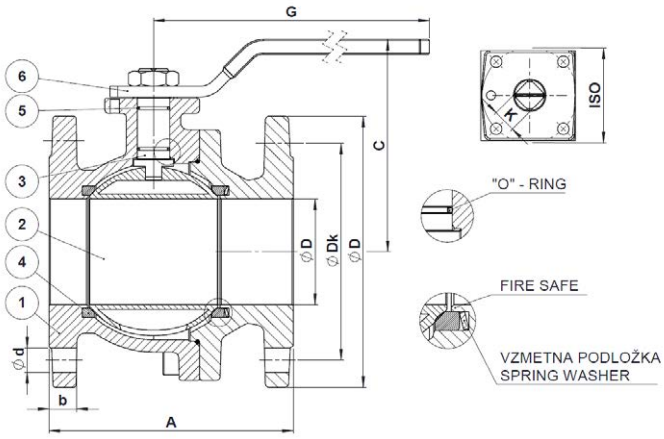
DN25-DN50





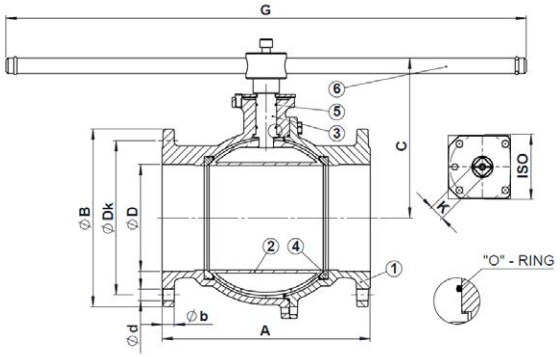
DN65-DN150





DN200



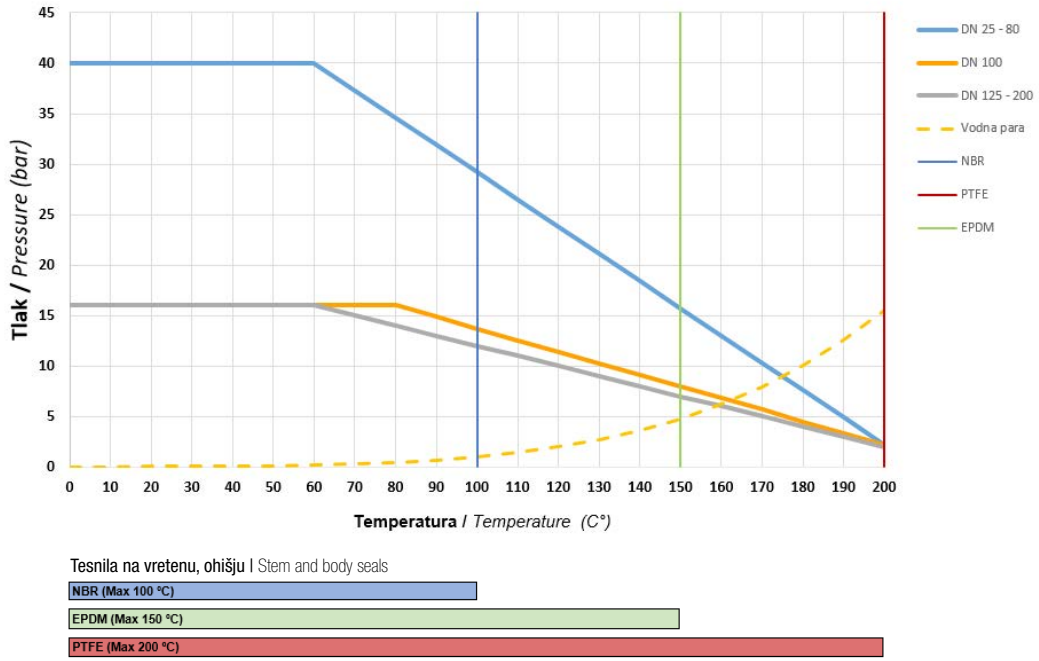


Materiali / Materials

1	**Ohišje** Body	**Nodularna litina – EN-GJS-400-15 (GGG40)** Ductile iron – EN-GJS-400-15)	**5**	**O-Obroč** O-Ring	**Perbunan (+100 °C) - NBR** **EPDM (+150 °C) - EPDM** **Teflon (+200 °C) - PTFE**
2	**Krogla** Ball	**Nerjavno jeklo - 1.4301 (X5CrNi18-10) AISI 304** Stainless steel - 1.4301 (X5CrNi18-10) AISI 304	**6**	**Ročica** Handle	**Ogljikovo jeklo (cinkano) – S235JR (St 37-2)** Carbon steel (galvanized) – S235JR (St 37-2)
3	**Vreteno** Stem	**Nerjavno jeklo – 1.4028 (X30Cr13) AISI 420** Stainless steel – 1.4028(X30Cr13) AISI 420	**7**	**Matica (DN25-DN50)** Tightening nut (DN25-DN50)	**Ogljikovo jeklo – A105**, P235TR2 Carbon steel A105, P235TR2
4	**Tesnilo krogle** Ball seats	**Teflon** – PTFE			

// Delovna temperatura / Working temperature: -20 °C/+200 °C

Diagram tlak I temperatura / Pressure I temperature chart



Navor / Torque

DN	Maks. navor Max torque P = 16 bar T = 20°C	Maks. navor Max torque P = 40 bar T = 20°C	Priporočljivi navor za pogon Recommendable torque for actuator
	[Nm]	[Nm]	[Nm]
25	15	20	30
32	20	30	45
40	25	40	60
50	35	55	80
65	45	80	120
80	60	100	150
100	90	150	200
125	180	350	450
150	250	500	700
200	400	700	1000

Opombe: Navori so bili izmerjeni s čisto vodo pri sobni temperaturi na ventilih s PTFE tesnili. Navor se lahko poveča pri ventilih, ki imajo tesnila iz drugačnih materialov, pri merjenju z različnimi tekočinami, višjimi temperaturami, posebnimi obratovalnimi pogoji in/ali v primeru, da je ventil dlje časa pod diferenčnim tlakom, ne da bi obratoval.

Remarks: The torques were measured on valves supplied with virgin PTFE seats, with clean water at room temperature. For valves with other seat materials, different fluids, higher temperatures, specific operating conditions and/or in case the valve is kept for a long time under differential pressure without being operated, the torque can increase.

KPC IZ NODULARNE LITINE / KPC DUCTILE IRON

// **Polni pretok /** Full bore

Materiali / Materials

5	O-Obroč O-Ring	Perbunan (+100 °C) - NBR

// Delovna temperatura / Working temperature: -20 °C/+100 °C

KPC DN ... PN16 DP NX PX - ISO

PN16

Art.	DN	A	ØB	C	ØD	G	b	ØDk	Ød	Št. / No.	ISO zgornja prirobnica / Top flange	Nastavek / Shaft K x h	Teža / weight [kg]
A954523	25	125	115	76	25	153	18	85	14	4	F04	□ 11 x 13,5	3,85
A954524	32	130	140	92	31	237	18	100	18	4	F04	□ 14 x 18	5,60
A954525	40	140	150	97	39	276	18	110	18	4	F05	□ 14 x 18	6,75
A954526	50	150	165	105	49	276	20	125	18	4	F05	□ 14 x 18	8,70
A954527	65	170	185	124	63	340	18	145	18	4	F07	□ 17 x 23	13,95
A954528	80	180	200	133	76	340	20	160	18	8	F07	□ 17 x 23	17,55
A954529	100	190	220	153	100	340	20	180	18	8	F07	□ 17 x 23	21,80
A954530	125	200*	250	183	125	541	22	210	18	8	F10	□ 22 x 27	29,70
A954533	125	325	250	183	125	541	22	210	18	8	F10	□ 22 x 27	34,60
A954531	150	210*	285	203	142	541	22	240	22	8	F10	□ 22 x 27	38,55
A954534	150	350	285	203	142	541	22	240	22	8	F10	□ 22 x 27	45,70
A954532	200	400	340	316	200	1000	24	295	22	12	F12	□ 27 x 31	85,65

Opombe

DN25 in DN32 sta s polno kroglo.
Številke artiklov od DN25 do DN50 so enake za PN16 in PN40 in so vedno navedene kot PN40.
*Vgradna dolžina ustreza standardu EN558-1 Basic series 14.
Vgradna dolžina ustreza standardu EN558-1 Basic series 27.
DN65 do DN200 dvodelno ohišje pritrjeno z vijaki.
Nadgradnje na strani 87 - 94.

Notes

DN25 and DN32 valves feature a solid ball.
Article numbers for DN25 to DN50 are the same for PN16 and PN40 and are always designated as PN40.
*Face to face dimensions conform with the EN558-1 Basic series 14.
Face to face dimensions conform with the EN558-1 Basic series 27.
DN65 to DN200 two-piece body, bolted design.
Upgrades on pages 87 - 94.

Materiali / Materials

5	O-Obroč O-Ring	PTFE (+200 °C) + EPDM (+150 °C)

Delovna temperatura / Working temperature: -20 °C/+200 °C

KPC DN … PN6 DP PX PX - ISO

PN6

Art.	DN	A	ØB	C	ØD	G	b	ØDk	Ød/M**	Št. / No.	ISO zgornja prirobnica / Top flange	Nastavek / Shaft K x h	Teža / weight [kg]
A954363	25	125	100	76	25	153	18	75	11/M10	4	F04	□ 11 x 13,5	3,85
A954364	32	130	120	92	31	237	18	90	14/M12	4	F04	□ 14 x 18	5,60
A954365	40	140	130	97	39	276	18	100	14/M12	4	F05	□ 14 x 18	6,75
A954366	50	150	140	105	49	276	20	110	14/M12	4	F05	□ 14 x 18	8,90
A954367	65	170	160	124	63	340	18	130	14/M12	4	F07	□ 17 x 23	14,00
A954368	80	180	190	133	76	340	20	150	18/M16	4	F07	□ 17 x 23	17,65
A954369	100	190	210	153	100	340	20	170	18/M16	4	F07	□ 17 x 23	21,80
A954370	125	200*	240	183	125	541	22	200	M16	8	F10	□ 22 x 27	29,70
A954372	150	210*	265	203	150	541	22	225	M16	8	F10	□ 22 x 27	38,55

Opombe
**M – navoj

Notes
**M – thread

KPC DN … PN16 DP PX PX - ISO

PN16

Art.	DN	A	ØB	C	ØD	G	b	ØDk	Ød	Št. / No.	ISO zgornja prirobnica / Top flange	Nastavek / Shaft K x h	Teža / weight [kg]
A954563	25	125	115	76	25	153	18	85	14	4	F04	□ 11 x 13,5	3,85
A954564	32	130	140	92	31	237	18	100	18	4	F04	□ 14 x 18	5,60
A954565	40	140	150	97	39	276	18	110	18	4	F05	□ 14 x 18	6,75
A954566	50	150	165	105	49	276	20	125	18	4	F05	□ 14 x 18	8,70
A954567	65	170	185	124	63	340	18	145	18	4	F07	□ 17 x 23	13,95
A954568	80	180	200	133	76	340	20	160	18	8	F07	□ 17 x 23	17,55
A954569	100	190	220	153	100	340	20	180	18	8	F07	□ 17 x 23	21,80
A954570	125	200*	250	183	125	541	22	210	18	8	F10	□ 22 x 27	29,70
A954573	125	325	250	183	125	541	22	210	18	8	F10	□ 22 x 27	34,60
A954571	150	210*	285	203	142	541	22	240	22	8	F10	□ 22 x 27	38,55
A954574	150	350	285	203	142	541	22	240	22	8	F10	□ 22 x 27	45,70
A954572	200	400	340	316	200	1000	24	295	22	12	F12	□ 27 x 31	85,65

Opombe
DN25 in DN32 sta s polno kroglo.
Številke artiklov od DN25 do DN50 so enake za PN16 in PN40 in so vedno navedene kot PN40.
*Vgradna dolžina ustreza standardu EN558-1 Basic series 14.
Vgradna dolžina ustreza standardu EN558-1 Basic series 27.
DN65 do DN200 dvodelno ohišje pritrjeno z vijaki.
Nadgradnje na strani 87 - 94.

Notes
DN25 and DN32 valves feature a solid ball.
Article numbers for DN25 to DN50 are the same for PN16 and PN40 and are always designated as PN40.
*Face to face dimensions conform with the EN558-1 Basic series 14.
Face to face dimensions conform with the EN558-1 Basic series 27.
DN65 to DN200 two-piece body, bolted design.
Upgrades on pages 87 - 94.

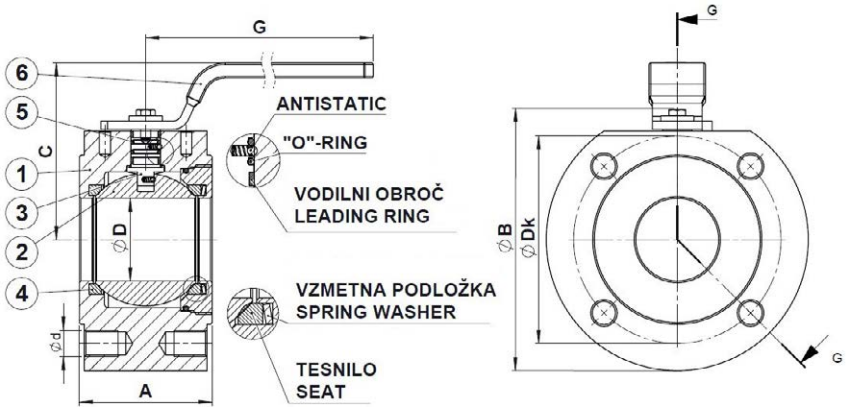
• Medprirobnična krogelna pipa iz ogljikovega jekla
• Wafer carbon steel ball valve

KPA IZ OGLJIKOVEGA JEKLA / KPA CARBON STEEL

CE

// **Polni pretok /** Full bore





Materiali / Materials

1	Ohišje Body	Ogljikovo jeklo – A105, P235TR2 Carbon steel – A105, P235TR2
2	Krogla Ball	Nerjavno jeklo - 1.4301 (X5CrNi18-10) AISI 304 Stainless steel - 1.4301 (X5CrNi18-10) AISI 304
3	Vreteno Stem	Nerjavno jeklo – 1.4028 (X30Cr13) AISI 420 Stainless steel – 1.4028(X30Cr13) AISI 420
4	Tesnilo krogle Ball seats	Teflon – PTFE
5	O-Obroč O-Ring	PTFE + EPDM
6	Ročica Handle	Ogljikovo jeklo (cinkano) – S235JR (St 37-2) Carbon steel (galvanized) – S235JR (St 37-2)

Navor / Torque

DN	**Maks. navor** Max torque **P = 16 bar** **T = 20°C**	**Maks. navor** Max torque **P = 40 bar** **T = 20°C**	**Priporočljivi navor za pogon** Recommendable torque for actuator
	[Nm]	[Nm]	[Nm]
15	6	10	20
20	8	15	20
25	15	20	30
32	20	30	45
40	25	40	60
50	35	55	80
65	45	80	120
80	60	100	150
100	90	150	200
125	180	350	450
150	250	500	700
200	400	700	1000

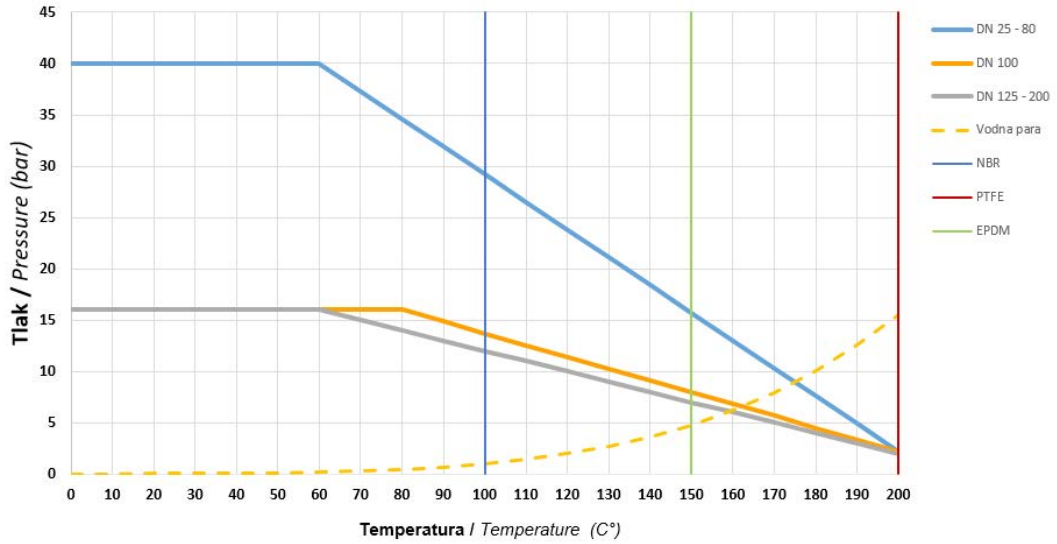
Opombe: Navori so bili izmerjeni s čisto vodo pri sobni temperaturi na ventilih s PTFE tesnili. Navor se lahko poveča pri ventilih, ki imajo tesnila iz drugačnih materialov, pri merjenju z različnimi tekočinami, višjimi temperaturami, posebnimi obratovalnimi pogoji in/ali v primeru, da je ventil dlje časa pod diferenčnim tlakom, ne da bi obratoval.

Remarks: The torques were measured on valves supplied with virgin PTFE seats, with clean water at room temperature. For valves with other seat materials, different fluids, higher temperatures, specific operating conditions and/or in case the valve is kept for a long time under differential pressure without being operated, the torque can increase.

// Delovna temperatura / Working temperature: -20 °C/+200 °C

(Za temperature nižje od -20 °C kontaktirajte proizvajalca /
For temperature below -20 °C please contact manufacturer)

Diagram tlak I temperatura / Pressure I temperature chart



Tesnila na vretenu, ohišju I Stem and body seals

NBR (Max 100 °C)

EPDM (Max 150 °C)

PTFE (Max 200 °C)

KPA DN ... PN16 DP PX PX

PN16

Art.	DN	A	ØB	C	ØD	G	ØDk	Ød	Št. / No.	Teža / weight [kg]
A955025	15	39	88	80	16	150	65	M12	4	1,80
A955026	20	39	98	80	20	150	75	M12	4	2,90
A955027	25	48	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.	DN	A	ØB	C	ØD	G	ØDk	Ød	Št. / No.	Teža / weight [kg]
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

Opombe

Številke artiklov od DN15 do DN50 so enake za PN16 in PN40 in so vedno navedene kot PN40.
Antistatična izvedba in požarno tesnilo.
Nadgradnje na strani 87 - 94.

Notes

Article numbers for DN15 to DN50 are the same for PN16 and PN40 and are always designated as PN40.
Antistatic and Fire Safe Design.
Upgrades on pages 87 - 94.

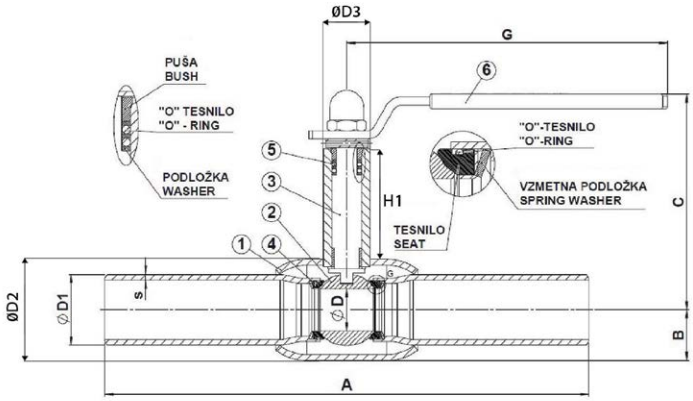
• Varjena krogelna pipa KPU
• Welded ball valve KPU

KPU UVARNA IZ OGLJIKOVEGA JEKLA / KPU WELDED CARBON STEEL

CE

// **Reduciran pretok /** Reduced bore





Materiali / Materials

1	Ohišje Body	Ogljikovo jeklo – St37-2 (jeklo 20) Carbon steel – St37-2 (steel 20)
2	Krogla Ball	Nerjavno jeklo - 1.4301 (X5CrNi18-10) AISI 304 Stainless steel - 1.4301 (X5CrNi18-10) AISI 304
3	Vreteno Stem	Nerjavno jeklo – 1.4006 (X12Cr13) AISI 410 Stainless steel – 1.4006 (X12Cr13) AISI 410
4	Tesnilo krogle Ball seats	PTFE + 20% Carbon
5	O-Obroč O-Ring	Viton
6	Ročica Handle	Ogljikovo jeklo (cinkano) – S235JR (St 37-2) Carbon steel (galvanized) – S235JR (St 37-2)

Navor / Torque

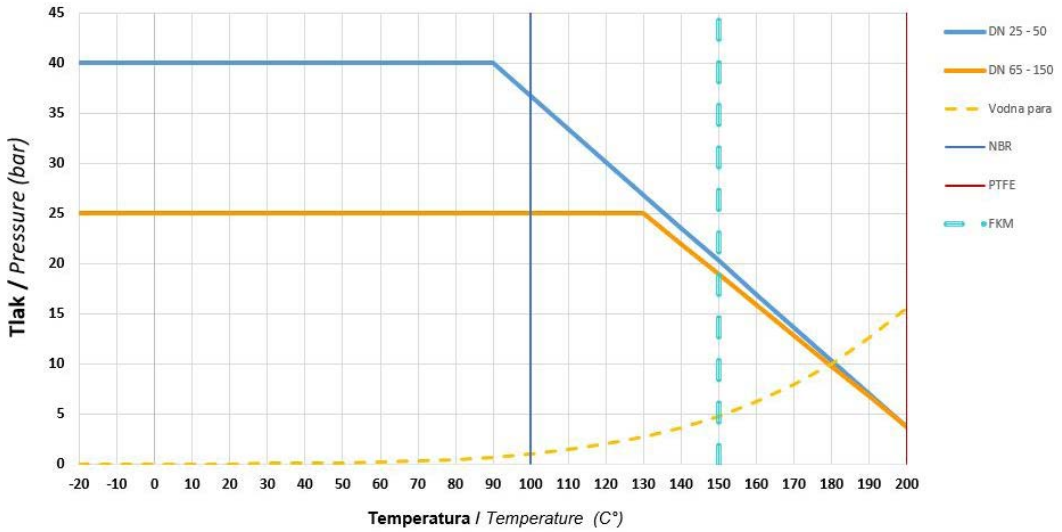
DN	Maks. navor Max torque P = 16 bar T = 20°C	Maks. navor Max torque P = 40 bar T = 20°C
	[Nm]	[Nm]
15	4	5
20	4	5
25	8	12
32	15	20
40	25	30
50	50	60
65	70	83
80	85	100
100	135	150
125	235	230
150	250	300
200	400	700

Opombe: Navori so bili izmerjeni s čisto vodo pri sobni temperaturi na ventilih s PTFE tesnili. Navor se lahko poveča pri ventilih, ki imajo tesnila iz drugačnih materialov, pri merjenju z različnimi tekočinami, višjimi temperaturami, posebnimi obratovalnimi pogoji in/ali v primeru, da je ventil dlje časa pod diferenčnim tlakom, ne da bi obratoval.

Remarks: The torques were measured on valves supplied with virgin PTFE seats, with clean water at room temperature. For valves with other seat materials, different fluids, higher temperatures, specific operating conditions and/or in case the valve is kept for a long time under differential pressure without being operated, the torque can increase.

// Delovna temperatura / Working temperature: -20 °C/+200 °C

Diagram tlak I temperatura / Pressure I temperature chart



Tesnila na vretenu, ohišju I Stem and body seals



KPU DN ... PN40 RU VX PX

PN40

Art.	DN	A	C	ØD	ØD1	ØD2	ØD3	H1	G	B	s	Teža / weight [kg]
A958341	15	210	92	10	21,3	34	22	40	135	17	2,0	0,76
A958342	20	230	95	15	26,9	42,7	22	40,8	135	21	2,3	1,15
A958343	25	230	115	20	33,7	48	26	52	160	24	2,6	1,57
A958344	32	260	120	25	42,4	60	26,3	50	160	30	2,6	2,35
A958345	40	260	130	32	48,3	76	34	45	230	36,5	2,6	3,50
A958346	50	300	140	40	60,3	89	34	48	230	44,5	2,9	4,10
A958347*	65	300	175	50	76,1	114	34	55,5	300	57	2,9	7,00
A958348*	80	300	190	65	88,9	140	40	55,5	300	70,5	3,2	9,00
A958349*	100	325	215	80	114,3	168	42	60	400	84	3,6	12,90
A958350*	125	325	230	100	139,7	181	50	70	400	90	4,0	16,70
A958351*	150	350	250	125	168,3	219	49,8	70	400	110	4,5	23,50
A958352*	200	400	290	150	219,1	273	76	103**	Ø300	150	4,5	56,00

*Maks. dovoljen tlak: DN65-DN150 = 25 bar
DN200 = 16 bar

Opombe
DN200 z ročnim polžnim pogonom.
**Do vrha prirobnice.

*Max. allowable pressure: DN65-DN150 = 25 bar
DN200 = 16 bar

Notes
DN200 with a manual gearbox.
*To the top of the flange.

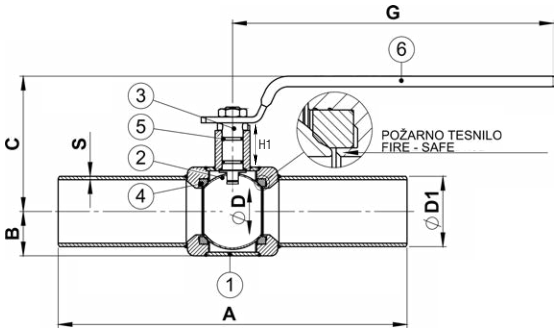
KPT IZ OGLJIKOVEGA JEKLA, UVARNA, REDUCIRAN PRETOK / KPT CARBON STEEL, WELDED, REDUCED BORE

CE

// Reduciran pretok / Reduced bore

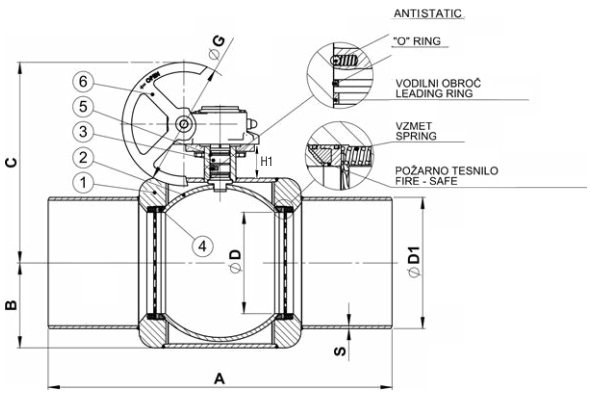
DN20-DN250





DN300





Materiali / Materials

1	Ohišje Body	Ogljikovo jeklo – A105, P235TR2 Carbon steel – A105, P235TR2
2	Krogla Ball	Nerjavno jeklo - 1.4301 (X5CrNi18-10) AISI 304 Stainless steel - 1.4301 (X5CrNi18-10) AISI 304
3	Vreteno Stem	Nerjavno jeklo – 1.4028 (X30Cr13) AISI 420 Stainless steel – 1.4028(X30Cr13) AISI 420
4	Tesnilo krogle Ball seats	PTFE*
5	O-Obroč O-Ring	PTFE + Viton
6	Ročica Handle	Ogljikovo jeklo (cinkano) – S235JR (St 37-2) Carbon steel (galvanized) – S235JR (St 37-2)

*DN20, DN25, DN200, DN250, DN300 imajo tesnilo s 15% grafita.
*DN20, DN25, DN200, DN250, DN300 deals with 15% graphite content.

Navor / Torque

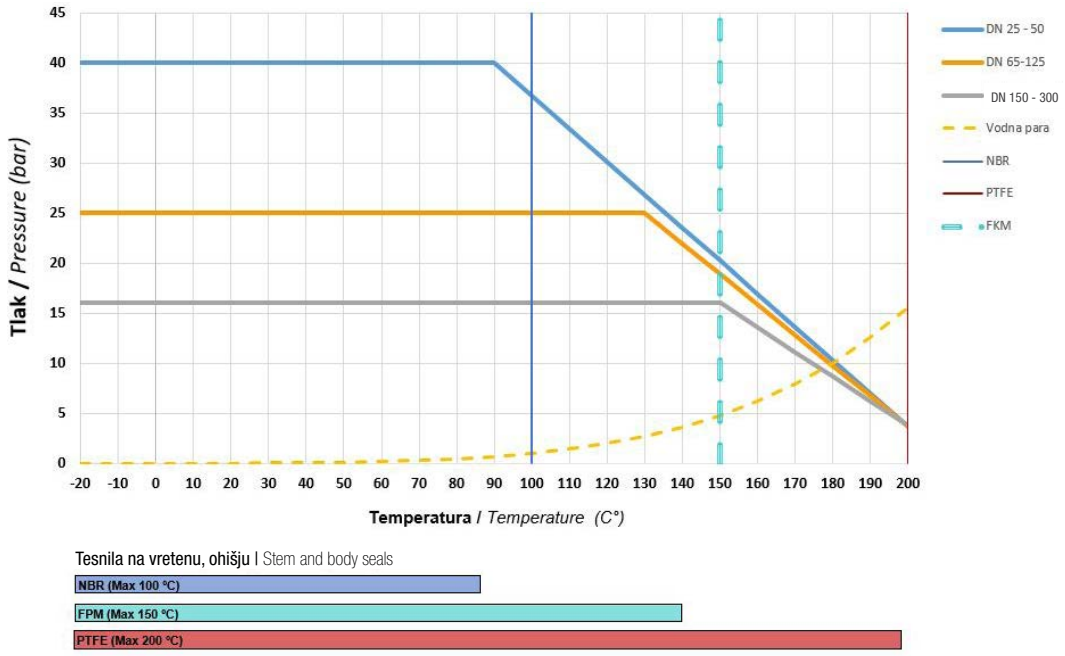
DN	Maks. navor Max torque P = 16 bar T = 20°C	Maks. navor Max torque P = 40 bar T = 20°C	Priporočljivi navor za pogon Recommendable torque for actuator
	[Nm]	[Nm]	[Nm]
20	8	15	20
25	15	20	30
32	20	30	45
40	25	40	60
50	35	55	80
65	45	80	120
80	60	100	150
100	90	150	200
125	180	350	450
150	250	500	700
200	400	700	1000
250	500	700	1200
300	600	800	1200

Opombe: Navori so bili izmerjeni s čisto vodo pri sobni temperaturi na ventilih s PTFE tesnili. Navor se lahko poveča pri ventilih, ki imajo tesnila iz drugačnih materialov, pri merjenju z različnimi tekočinami, višjimi temperaturami, posebnimi obratovalnimi pogoji in/ali v primeru, da je ventil dlje časa pod diferenčnim tlakom, ne da bi obratoval.
Remarks: The torques were measured on valves supplied with virgin PTFE seats, with clean water at room temperature. For valves with other seat materials, different fluids, higher temperatures, specific operating conditions and/or in case the valve is kept for a long time under differential pressure without being operated, the torque can increase.

Delovna temperatura / Working temperature: **-20 °C/+200 °C**

(Za temperature nižje od -20 °C kontaktirajte proizvajalca /
For temperature below -20 °C please contact manufacturer)

Diagram tlak I temperatura / Pressure I temperature chart



KPT DN … PN40 RU PX PX

PN40

Art.	DN	A	B	C	ØD	ØD1	H1	G	S	Teža / weight [kg]
A958102	20	270	16,9	71,6	15,8	26,9	15,5	153	2,6	0,81
A958103	25	270	21,2	82,7	20	33,7	22	153	2,6	1,05
A958104	32	270	24,2	90,3	25	42,4	26,7	153	2,6	1,35
A958105	40	270	30,2	108,3	31	48,3	36	237	2,9	1,91
A958106	50	300	38,1	116	40	60,3	36	276	2,9	3,78
A958107*	65	360	44,5	122,5	50	76,1	36	276	3,2	5,37
A958108*	80	390	57,2	148,6	63,5	88,9	46,5	340	3,2	9,19
A958109*	100	450	69,9	160,6	78	114,3	46	340	3,6	14,40
A958110*	125	525	84,2	174,6	99	139,7	46	340	4,0	22,22
A958111*	150	600	109,6	219	125	168,3	60	545	4,5	33,45
A958112*	200	600	136,5	246	150	219,1	60	545	6,3	56,00
A958113*	250	730	177,8	322,5	200	273	71	1000	6,3	116,5
A958114*	300	850	209,5	495	250	323,9	79	Ø305	7,1	176,2

*Maks. dovoljen tlak: DN65-DN125 = 25 bar
DN150-DN300 = 16 bar

Opombe

Vgradna dolžina ustreza standardu EN12982:2009 Basic series 68.
Požarno tesnilo.
DN300:
- vzmetena tesnila
- antistatična izvedba
- ročni polžni pogon

DN20 do DN40 so s polno kroglo. DN50 do DN300 so z votlo kroglo.
Nadgradnje na strani 87 - 94.

*Max. allowable pressure: DN65-DN125 = 25 bar
DN150-DN300 = 16 bar

Notes

Face to face dimensions conform with the EN12982:2009 Basic series 68.
Fire Safe Design.
DN300:
- spring-loaded washers
- antistatic design
- manual gearbox

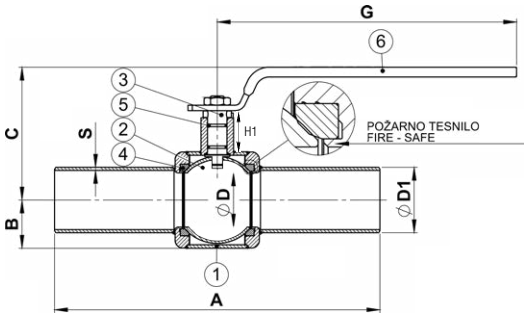
DN20 to DN40 valves feature a solid ball. DN50 to DN300 valves feature a hollow ball. Upgrades on pages 87 - 94.

KPT IZ OGLJIKOVEGA JEKLA, UVARNA, POLNI PRETOK / KPT CARBON STEEL, WELDED, FULL BORE

// **Polni pretok /** Full bore

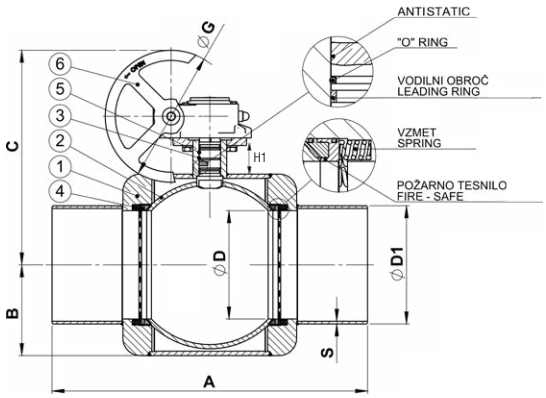
DN15-DN200





DN250





Materiali / Materials

1	**Ohišje** Body	**Ogljikovo jeklo – A105, P235TR2** Carbon steel – A105, P235TR2
2	**Krogla** Ball	**Nerjavno jeklo - 1.4301 (X5CrNi18-10) AISI 304** Stainless steel - 1.4301 (X5CrNi18-10) AISI 304
3	**Vreteno** Stem	**Nerjavno jeklo – 1.4028 (X30Cr13) AISI 420** Stainless steel – 1.4028(X30Cr13) AISI 420
4	**Tesnilo krogle** Ball seats	**PTFE***
5	**O-Obroč** O-Ring	**PTFE + Viton**
6	**Ročica** Handle	**Ogljikovo jeklo (cinkano) – S235JR (St 37-2)** Carbon steel (galvanized) – S235JR (St 37-2)

*DN15, DN20, DN150, DN200, DN250 imajo tesnilo s 15% grafita.
*DN15, DN20, DN150, DN200, DN250 deals with 15% graphite content.

Navor / Torque

DN	**Maks. navor** Max torque **P = 16 bar** **T = 20°C**	**Maks. navor** Max torque **P = 40 bar** **T = 20°C**	**Priporočljivi navor za pogon** Recommendable torque for actuator
	[Nm]	[Nm]	[Nm]
15	6	10	20
20	8	15	20
25	15	20	30
32	20	30	45
40	25	40	60
50	35	55	80
65	45	80	120
80	60	100	150
100	90	150	200
125	180	350	450
150	250	500	700
200	400	700	1000
250	500	700	1200

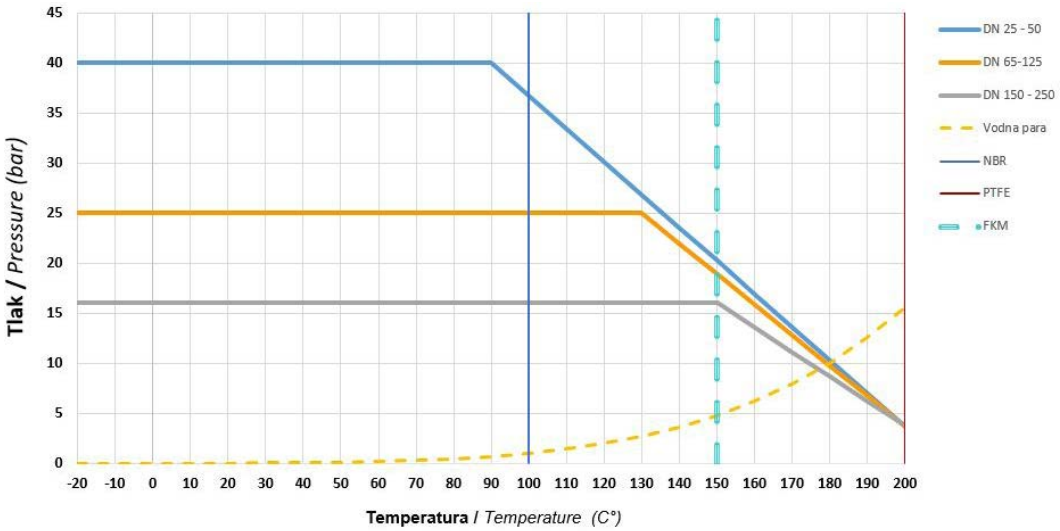
Opombe: Navori so bili izmerjeni s čisto vodo pri sobni temperaturi na ventilih s PTFE tesnili. Navor se lahko poveča pri ventilih, ki imajo tesnila iz drugačnih materialov, pri merjenju z različnimi tekočinami, višjimi temperaturami, posebnimi obratovalnimi pogoji in/ali v primeru, da je ventil dlje časa pod diferenčnim tlakom, ne da bi obratoval.

Remarks: The torques were measured on valves supplied with virgin PTFE seats, with clean water at room temperature. For valves with other seat materials, different fluids, higher temperatures, specific operating conditions and/or in case the valve is kept for a long time under differential pressure without being operated, the torque can increase.

// **Delovna temperatura /** Working temperature: **-20 °C/+200 °C**

(Za temperature nižje od -20 °C kontaktirajte proizvajalca /
For temperature below -20 °C please contact manufacturer)

Diagram tlak I temperatura / Pressure I temperature chart





KPT DN ... PN40 DU PX PX

PN40

Art.	DN	A	B	C	ØD	ØD1	H1	G	S	Teža / weight [kg]
A958001	15	270	16,9	72,4	15,9	21,3	15	153	2,6	0,71
A958002	20	270	21,2	82,6	20	26,9	22	153	2,6	0,95
A958003	25	270	24,2	90,3	25	33,7	26,7	153	2,6	1,34
A958004	32	270	30,2	108,3	31	42,4	36	237	2,9	2,40
A958005	40	270	38,1	116	40	48,3	36	276	2,9	3,63
A958006	50	300	44,5	122,5	50	60,3	36	276	2,9	5,33
A958007*	65	360	57,2	148,6	63,5	76,1	46,5	340	3,2	10,28
A958008*	80	390	69,9	160,6	78	88,9	46	340	3,2	15,68
A958009*	100	450	84,2	174,6	99	114,3	46	340	3,6	19,86
A958010*	125	525	109,6	219	125	139,7	60	545	4,0	26,74
A958011*	150	600	136,5	246	150	168,3	60	545	4,5	40,23
A958012*	200	600	177,8	348	200	219,1	71	1000	6,3	80,41
A958013*	250	730	209,5	495	250	273	79	Ø305	6,3	168,50

*Maks. dovoljen tlak: DN65-DN125 = 25 bar
DN150-DN250 = 16 bar

Opombe

Vgradna dolžina ustreza standardu EN12982:2009 Basic series 68.
Požarno tesnilo.
DN250: - vzmetena tesnila
- antistatična izvedba
- ročni polžni pogon

DN15 do DN32 so s polno kroglo. DN40 do DN250 so z votlo kroglo.
Nadgradnje na strani 87 - 94.

*Max. allowable pressure: DN65-DN125 = 25 bar
DN150-DN250 = 16 bar

Notes

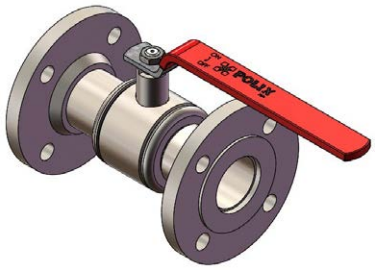
Face to face dimensions conform with the EN12982:2009 Basic series 68.
Fire Safe Design.
DN250: - spring-loaded washers
- antistatic design
- manual gearbox

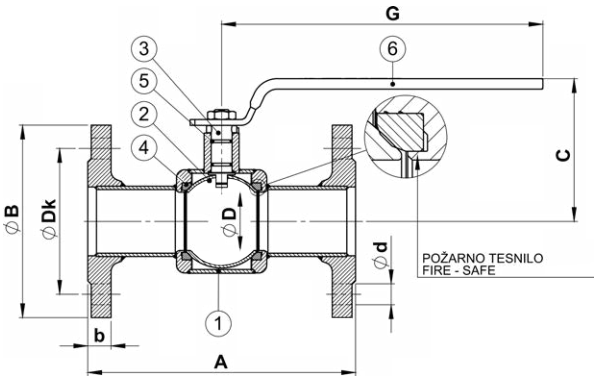
DN15 to DN32 valves feature a solid ball. DN40 to DN250 valves feature a hollow ball. Upgrades on pages 87 - 94.

KPT IZ OGLJIKOVEGA JEKLA, PRIROBNIČNA, POLNI PRETOK / KPT CARBON STEEL, FLANGED, FULL BORE

// Polni pretok / Full bore

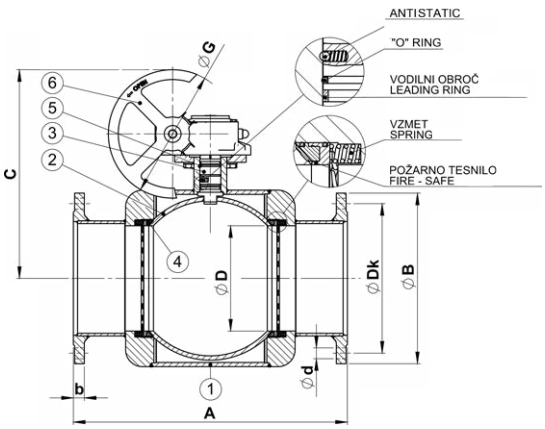
DN15-DN200





DN250





Materiali / Materials

1	Ohišje Body	Ogljikovo jeklo – A105, P235TR2 Carbon steel – A105, P235TR2
2	Krogla Ball	Nerjavno jeklo - 1.4301 (X5CrNi18-10) AISI 304 Stainless steel - 1.4301 (X5CrNi18-10) AISI 304
3	Vreteno Stem	Nerjavno jeklo – 1.4028 (X30Cr13) AISI 420 Stainless steel – 1.4028(X30Cr13) AISI 420
4	Tesnilo krogle Ball seats	PTFE*
5	O-Obroč O-Ring	PTFE + Viton
6	Ročica Handle	Ogljikovo jeklo (cinkano) – S235JR (St 37-2) Carbon steel (galvanized) – S235JR (St 37-2)

*DN15, DN20, DN150, DN200, DN250 imajo tesnilo s 15% grafita.
*DN15, DN20, DN150, DN200, DN250 deals with 15% graphite content.

Navor / Torque

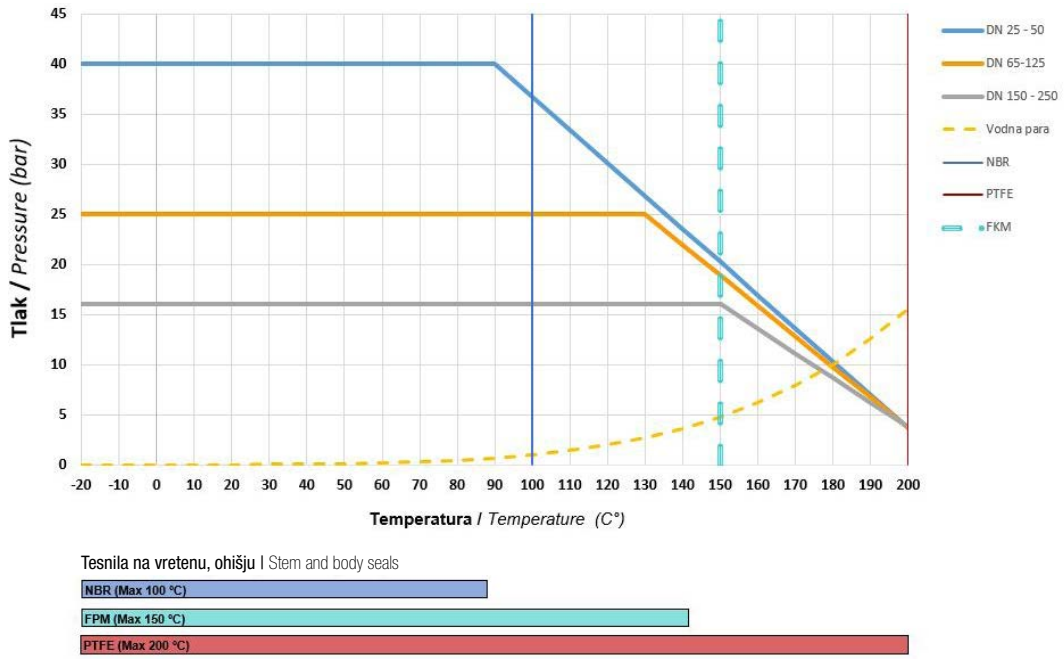
DN	Maks. navor Max torque P = 16 bar T = 20°C	Maks. navor Max torque P = 40 bar T = 20°C	Priporočljivi navor za pogon Recommendable torque for actuator
	[Nm]	[Nm]	[Nm]
15	6	10	20
20	8	15	20
25	15	20	30
32	20	30	45
40	25	40	60
50	35	55	80
65	45	80	120
80	60	100	150
100	90	150	200
125	180	350	450
150	250	500	700
200	400	700	1000
250	500	700	1200

Opombe: Navori so bili izmerjeni s čisto vodo pri sobni temperaturi na ventilih s PTFE tesnili. Navor se lahko poveča pri ventilih, ki imajo tesnila iz drugačnih materialov, pri merjenju z različnimi tekočinami, višjimi temperaturami, posebnimi obratovalnimi pogoji in/ali v primeru, da je ventil dlje časa pod diferenčnim tlakom, ne da bi obratoval.
Remarks: The torques were measured on valves supplied with virgin PTFE seats, with clean water at room temperature. For valves with other seat materials, different fluids, higher temperatures, specific operating conditions and/or in case the valve is kept for a long time under differential pressure without being operated, the torque can increase.

// Delovna temperatura / Working temperature: -20 °C/+200 °C

(Za temperature nižje od -20 °C kontaktirajte proizvajalca /
For temperature below -20 °C please contact manufacturer)

Diagram tlak I temperatura / Pressure I temperature chart



KPT DN ... PN16 DP PX PX

PN16

Art.	DN	A	ØB	C	ØD	G	b	ØDk	Ød	Št. / No.	Teža / weight [kg]
A958801	15	130	95	71,6	15,9	153	14	65	14	4	1,76
A958802	20	150	105	82,6	20	153	16	75	14	4	2,51
A958803	25	160	115	90,3	25	153	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	95,13
A958213	250	650	405	495	250	Ø305	26	355	26	12	189,50

KPT DN ... PN40 DP PX PX

PN40

Art.	DN	A	ØB	C	ØD	G	b	ØDk	Ød	Št. / No.	Teža / weight [kg]
A958201	15	130	95	71,6	15,9	153	16	65	14	4	1,96
A958202	20	150	105	82,6	20	153	18	75	14	4	2,73
A958203	25	160	115	90,3	25	153	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	98,17
A958813*	250	650	450	495	250	Ø305	38	385	33	12	219,90

*Prirobnice za 40 barov - Maks. dovoljen tlak: DN65-DN125 = 25 bar
DN150-DN250 = 16 bar

*Flanges for 40 bar - Max. allowable pressure: DN65-DN125 = 25 bar
DN150-DN250 = 16 bar

Opombe

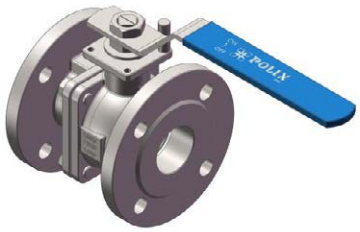
Vgradna dolžina ustreza standardu EN558-1 Basic series 28.
DN250: vzmetena tesnila, antistatična izvedba, ročni polžni pogon.
Požarno tesnilo. DN15 do DN32 so s polno kroglo. DN40 do DN250 so z votlo kroglo.
Nadgradnje na strani 87 - 94.

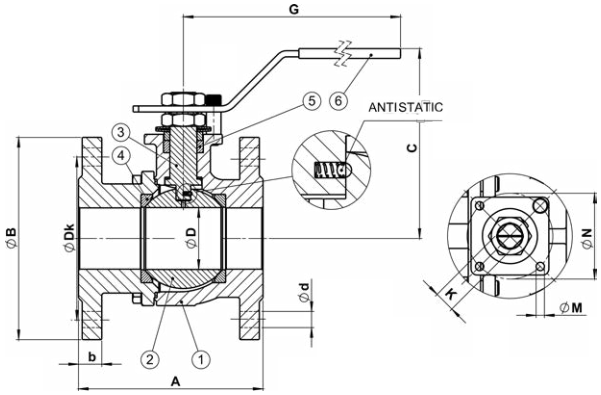
Notes

Face to face dimensions conform with the EN558-1 Basic series 28.
DN250: spring-loaded washers, antistatic design, manual gearbox. Fire Safe Design.
DN15 to DN32 valves feature a solid ball. DN40 to DN250 valves feature a hollow ball.
Upgrades on pages 87 - 94.

KPI IZ NERJAVNEGA JEKLA, PRIROBNIČNA / KPI STAINLESS STEEL, FLANGED

// **Polni pretok /** Full bore





Materiali / Materials

1	Ohišje Body	Nerjavno jeklo – 1.4408 (GX5CrNiMo 19-11-2) A316 Stainless steel – 1.4408 (GX5CrNiMo 19-11-2) A316
2	Krogla Ball	Nerjavno jeklo – 1.4408 (GX5CrNiMo 19-11-2) A316 Stainless steel – 1.4408 (GX5CrNiMo 19-11-2) A316
3	Vreteno Stem	Nerjavno jeklo – 1.4408 (GX5CrNiMo 19-11-2) A316 Stainless steel – 1.4408 (GX5CrNiMo 19-11-2) A316
4	Tesnilo krogle Ball seats	PTFE
5	Tesnilo vretena Stem seal	Viton
6	Ročica Handle	Nerjavno jeklo – 1.4301 (X5CrNi 18 10) A304 Stainless steel – 1.4301 (X5CrNi 18 10) A304

Navor / Torque

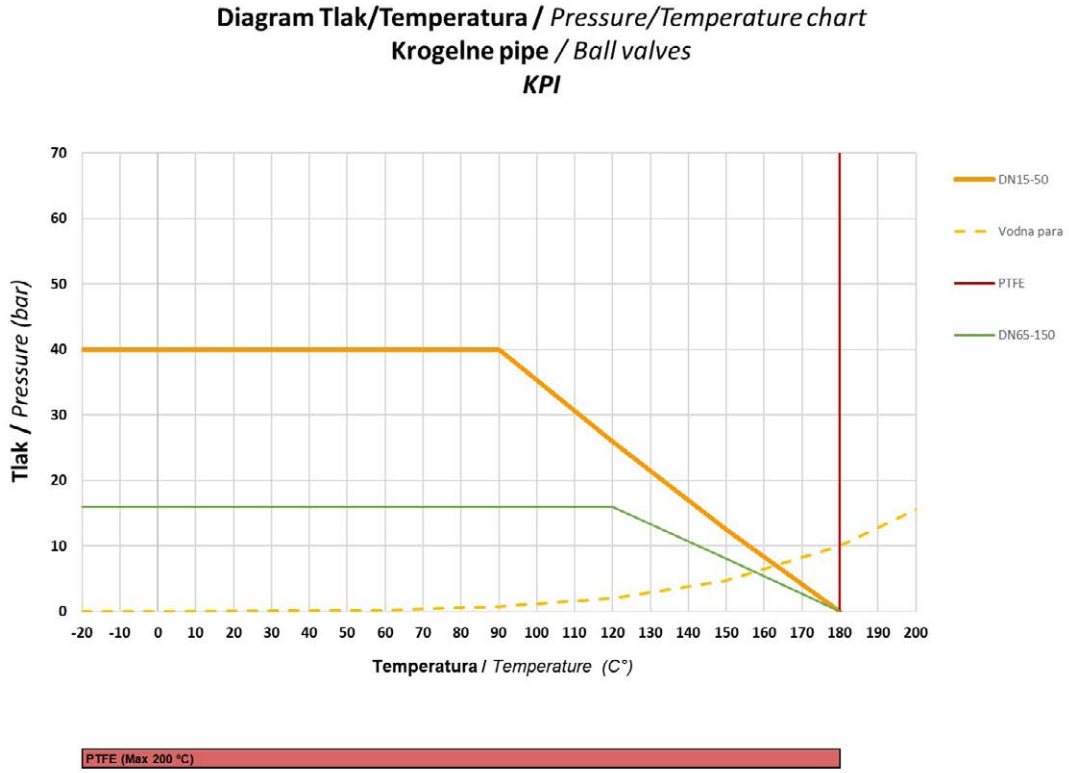
DN	**Maks. navor** Max torque **P = 16 bar** **T = 20°C**	**Maks. navor** Max torque **P = 40 bar** **T = 20°C**	**Priporočljivi navor za pogon** Recommendable torque for actuator
	[Nm]	[Nm]	[Nm]
15	6	10	20
20	8	15	20
25	15	20	30
32	20	30	45
40	25	40	60
50	35	55	80
65	45	80	120
80	60	100	150
100	90	150	200

Opombe: Navori so bili izmerjeni s čisto vodo pri sobni temperaturi na ventilih s PTFE tesnili. Navor se lahko poveča pri ventilih, ki imajo tesnila iz drugačnih materialov, pri merjenju z različnimi tekočinami, višjimi temperaturami, posebnimi obratovalnimi pogoji in/ali v primeru, da je ventil dlje časa pod diferenčnim tlakom, ne da bi obratoval.

Remarks: The torques were measured on valves supplied with virgin PTFE seats, with clean water at room temperature. For valves with other seat materials, different fluids, higher temperatures, specific operating conditions and/or in case the valve is kept for a long time under differential pressure without being operated, the torque can increase.

// Delovna temperatura / Working temperature: -20 °C/+180 °C

Diagram tlak I temperatura / Pressure I temperature chart



KPI DN ... PN40 DP VX PX

PN40

Art.	DN	ISO 5211			K	ØDk	ØB	A	C	ØD	G	b	Ød	Št. / No.	Teža / weight [kg]
		F	ØN	ØM											
A958361	15	F03/F04	36/42	6	9	65	95	115	81	15	142	16	14	4	2,30
A958362	20	F03/F04	36/42	6	9	75	105	120	87	20	142	18	14	4	3,20
A958363	25	F04/F05	42/50	7	11	85	115	125	97	25	162	18	14	4	4,00
A958364	32	F04/F05	42/50	7	11	100	140	130	110	32	162	18	18	4	5,60
A958365	40	F05/F07	50/70	9	14	110	150	140	115	38	225	18	18	4	6,90
A958366	50	F05/F07	50/70	9	14	125	165	150	125	50	225	20	18	4	9,70

KPI DN ... PN16 DP VX PX

PN16

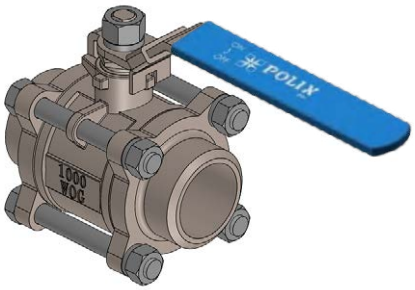
Art.	DN	ISO 5211			K	ØDk	ØB	A	C	ØD	G	b	Ød	Št. / No.	Teža / weight [kg]
		F	ØN	ØM											
A958367	65	F07/F10	70/102	11	17	145	185	170	156	65	290	18	18	4	12,40
A958368	80	F07/F10	70/102	11	17	160	200	180	160	77	295	20	18	8	15,30
A958369	100	F10	102	11	22	180	220	190	195	100	385	20	18	8	21,70
A958382	125	F10/F12	102/125	11/13	27	210	250	325	250	125	705	21	18	8	37,00
A958383	150	F10/F12	102/125	11/13	27	240	285	350	271	150	705	21	22	8	53,00

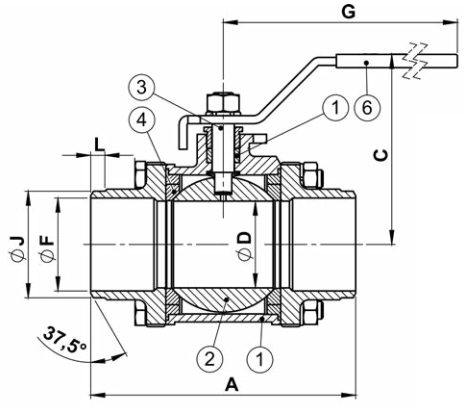
Opombe
Vgradna dolžina ustreza standardu EN558-1 basic series 27.
Zgornja prirobnica EN ISO 5211.
Dvodelno ohišje pritrjeno z vijaki.
Nadgradnje na strani 87 - 94.

Notes
Face to face dimensions according with the EN558-1 basic series 27.
Top flange EN ISO 5211.
Two-piece body, bolted design.
Upgrades on pages 87 - 94.

KPI IZ NERJAVNEGA JEKLA, UVARNA /
KPI STAINLESS STEEL, WELDED

// Polni pretok / Full bore





Materiali / Materials

1	Ohišje Body	Nerjavno jeklo – 1.4408 (GX5CrNiMo 19-11-2) A316 Stainless steel – 1.4408 (GX5CrNiMo 19-11-2) A316
2	Krogla Ball	Nerjavno jeklo – 1.4408 (GX5CrNiMo 19-11-2) A316 Stainless steel – 1.4408 (GX5CrNiMo 19-11-2) A316
3	Vreteno Stem	Nerjavno jeklo – 1.4408 (GX5CrNiMo 19-11-2) A316 Stainless steel – 1.4408 (GX5CrNiMo 19-11-2) A316
4	Tesnilo krogle Ball seats	PTFE
5	Tesnilo vretena Stem seal	PTFE
6	Ročica Handle	Nerjavno jeklo – 1.4301 (X5CrNi 18 10) A304 Stainless steel – 1.4301 (X5CrNi 18 10) A304

Navor / Torque

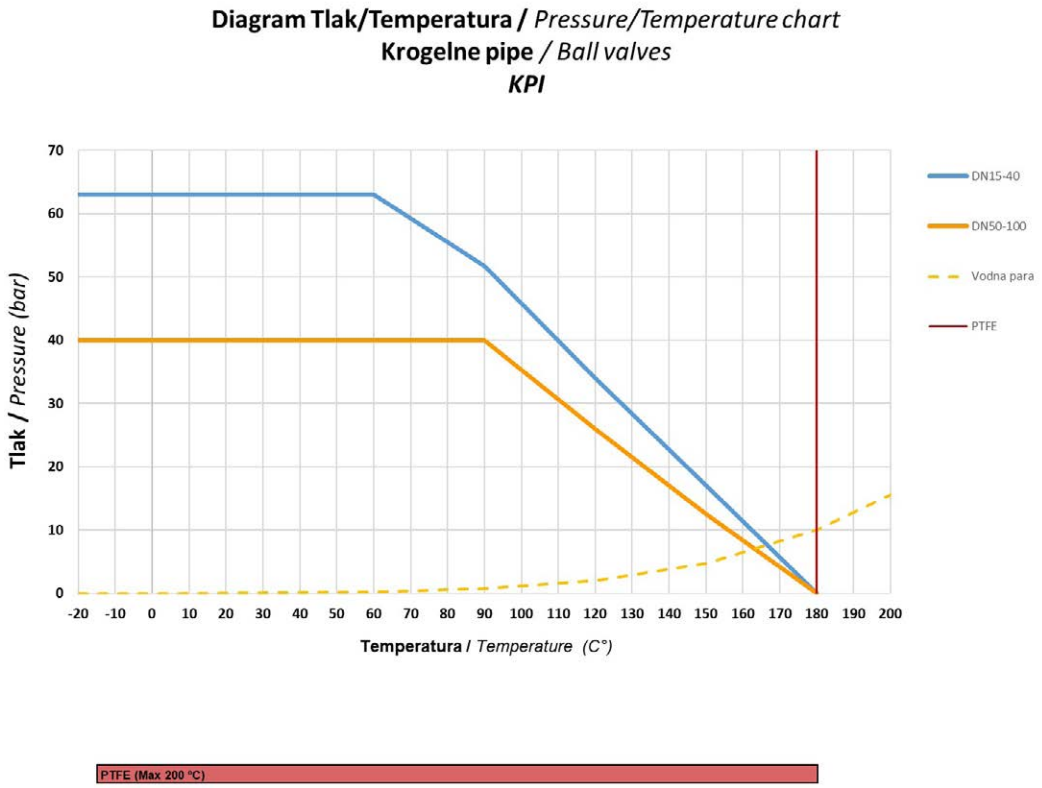
DN	Maks. navor Max torque P = 16 bar T = 20°C	Maks. navor Max torque P = 40 bar T = 20°C
	[Nm]	[Nm]
10	5	-
15	6	10
20	8	15
25	15	20
32	20	30
40	25	40
50	35	55
65	45	80
80	60	100
100	90	150

Opombe: Navori so bili izmerjeni s čisto vodo pri sobni temperaturi na ventilih s PTFE tesnili. Navor se lahko poveča pri ventilih, ki imajo tesnila iz drugačnih materialov, pri merjenju z različnimi tekočinami, višjimi temperaturami, posebnimi obratovalnimi pogoji in/ali v primeru, da je ventil dlje časa pod diferenčnim tlakom, ne da bi obratoval.

Remarks: The torques were measured on valves supplied with virgin PTFE seats, with clean water at room temperature. For valves with other seat materials, different fluids, higher temperatures, specific operating conditions and/or in case the valve is kept for a long time under differential pressure without being operated, the torque can increase.

// Delovna temperatura / Working temperature: -20 °C/+180 °C

Diagram tlak I temperatura / Pressure I temperature chart



KPI DN ... PN63 DU PX PX

PN63

Art.	DN	A	C	G	ØD	ØF	ØJ	Teža / weight [kg]
A958370	10	61	48	104	11	9,5	15,2	0,37
A958371	15	63	50	110	15	15	22	0,43
A958372	20	78	53	110	20	20	27,5	0,57
A958373	25	86	68	145	25	25	34	0,88
A958374	32	97	73	145	32	32	43	1,3
A958375	40	113	86	180	38	38	50	2,12

KPI DN ... PN40 DU PX PX

PN40

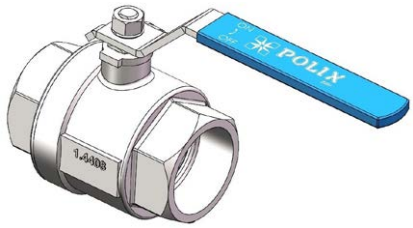
Art.	DN	A	C	G	ØD	ØF	ØJ	Teža / weight [kg]
A958376	50	134	94	180	50	50	61	2,85
A958377	65	170	119	223	65	65	77	7,30
A958378	80	192	126	223	76	76	90	9,40
A958379	100	244	168	298	94	101	116	18,04

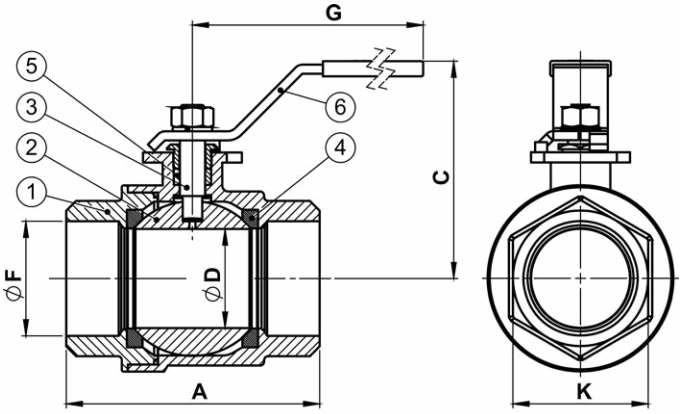
Opombe
Trodelno ohišje pritrjeno z vijaki.

Notes
Three-piece body, bolted design.

KPI IZ NERJAVNEGA JEKLA, NAVOJNA /
KPI STAINLESS STEEL, THREADED

// **Polni pretok /** Full bore





Materiali / Materials

1	Ohišje Body	Nerjavno jeklo – 1.4408 (GX5CrNiMo 19-11-2) A316 Stainless steel – 1.4408 (GX5CrNiMo 19-11-2) A316
2	Krogla Ball	Nerjavno jeklo – 1.4408 (GX5CrNiMo 19-11-2) A316 Stainless steel – 1.4408 (GX5CrNiMo 19-11-2) A316
3	Vreteno Stem	Nerjavno jeklo – 1.4408 (GX5CrNiMo 19-11-2) A316 Stainless steel – 1.4408 (GX5CrNiMo 19-11-2) A316
4	Tesnilo krogle Ball seats	PTFE
5	Tesnilo vretena Stem seal	PTFE
6	Ročica Handle	Nerjavno jeklo – 1.4301 (X5CrNi 18 10) A304 Stainless steel – 1.4301 (X5CrNi 18 10) A304

Navor / Torque

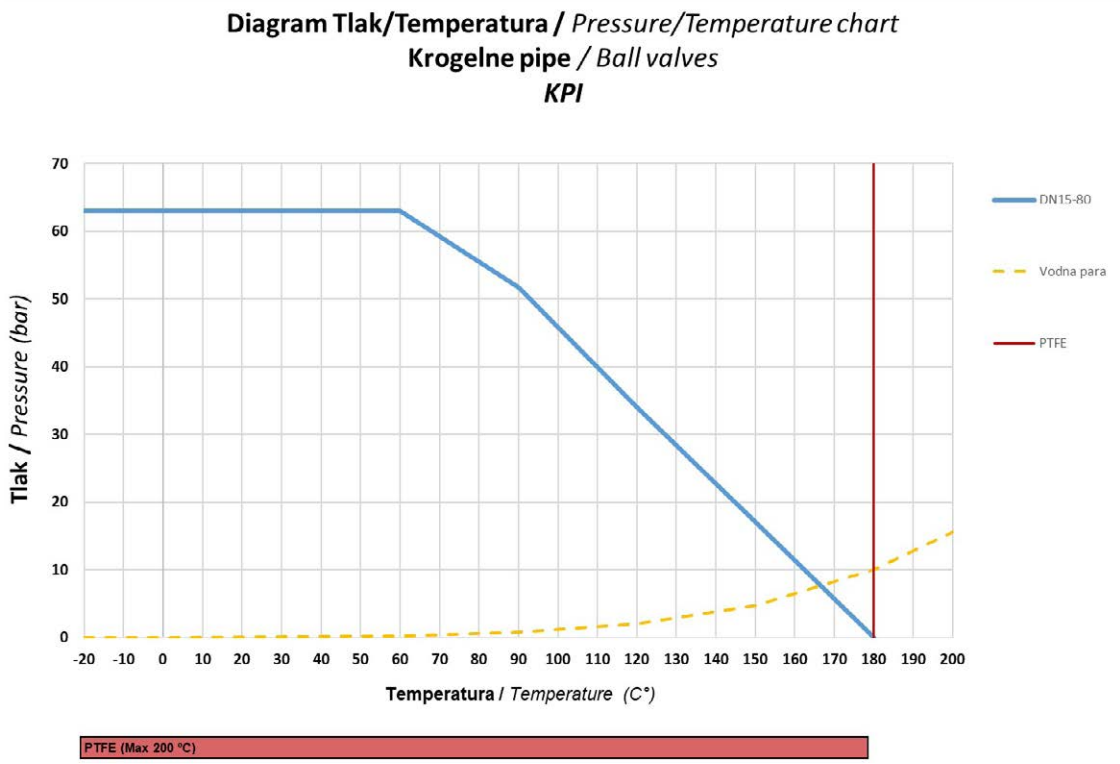
DN	**Maks. navor** Max torque **P = 16 bar** **T = 20°C**	**Maks. navor** Max torque **P = 40 bar** **T = 20°C**
	[Nm]	[Nm]
15	6	10
20	8	15
25	15	20
32	20	30
40	25	40
50	35	55

Opombe: Navori so bili izmerjeni s čisto vodo pri sobni temperaturi na ventilih s PTFE tesnili. Navor se lahko poveča pri ventilih, ki imajo tesnila iz drugačnih materialov, pri merjenju z različnimi tekočinami, višjimi temperaturami, posebnimi obratovalnimi pogoji in/ali v primeru, da je ventil dlje časa pod diferenčnim tlakom, ne da bi obratoval.

Remarks: The torques were measured on valves supplied with virgin PTFE seats, with clean water at room temperature. For valves with other seat materials, different fluids, higher temperatures, specific operating conditions and/or in case the valve is kept for a long time under differential pressure without being operated, the torque can increase.

// Delovna temperatura / Working temperature: -20 °C/+180 °C

Diagram tlak I temperatura / Pressure I temperature chart



KPI DN ... PN63 DN PX PX

PN63

Art.	DN	A	ØF	G	ØD	C	Teža / weight [kg]
A958355	15	75	½“	103	15	53	0,30
A958356	20	80	¾“	126	20	65	0,48
A958357	25	90	1“	144	25	77	0,77
A958358	32	110	1 ¼“	144	32	81,5	1,14
A958359	40	120	1 ½“	189	38	94,5	1,85
A958360	50	140	2“	189	50	102	2,99
A958380	65	184	2 ½“	224	65	117	5,10
A958381	80	203	3“	233	80	132	8,00

Opombe
Vgradna dolžina ustreza standardu DIN3202-M3.

Notes
Face to face dimensions according with the DIN3202-M3.



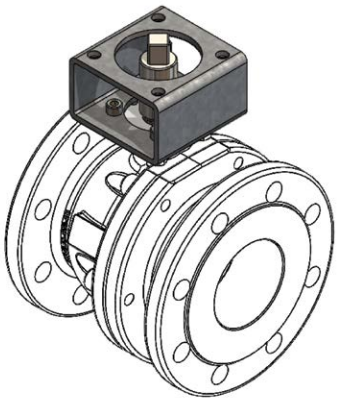
DODATKI ZA KROGELNE PIPE

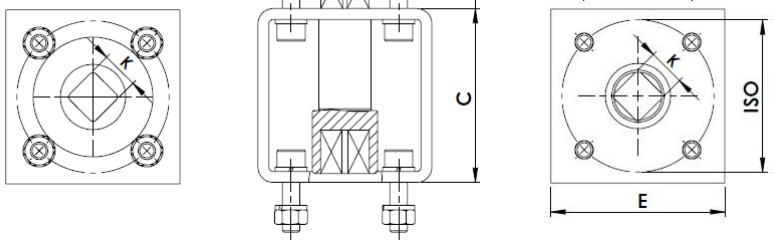
-

ACCESSORIES

ADAPTERJI I ADAPTERS

Za pogone / For actuators





Materiali / Materials

1	Ohišje Body	Ogljikovo jeklo (cinkano) – S235JR (RSt 37-2), A105 Carbon steel (galvanised) – S23 (St 37-2), A105
2	Pritrdilni elementi Screws, nuts	DIN 912, DIN 931 DIN 912, DIN 931

Art.	Adapter	DN	ISO zgornja prirobnica / ISO top flange	Nastavek / Shaft □K	B	C	E	Teža / Weight [kg]
A951032	KP	15 - 25	F04	K11	11,5	60	60	0,60
A950918	KP	25	F05	K14	14	60	60	0,60
A951033	KP	32	F04	K14	15	60	60	0,60
A951034	KP	32 - 50	F05	K14	13	60	60	0,60
A950894	KP	40 - 50	F07	K17	17	80	80	1,20
A951035	KP	65 - 100	F07	K17	16	80	80	1,30
A951016	KP	65 - 100	F10	K22	18,5	60	100	1,40
A951036	KP	125 – 150	F10	K22	26	80	140	2,80
A950944	KP	125 - 150	F12	K27	25	80	140	2,80
A951037	KP	200	F12	K27	29	80	140	2,80
A950893	KP	200	F14	K36	24	80	160	4,00
A950899	KP	250	F16	K36	24	120	220	9,50
A951004	KP	250	F16	K46	36	120	220	9,50
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
A950972	KPA	15 - 20	F05	K14	13	60	60	0,50
A950973	KPA	25	F05	K14	13	60	60	0,30
A950974	KPA	32	F05	K17	13	60	60	0,40
A950975	KPA	40 - 50	F07	K17	13	60	100	1,00
A950976	KPA	65 - 100	F10	K17	19	60	100	1,50
A950969	KPA	100 PN40	F07	K17	22	80	80	1,25

Adapter je privarjen na ohišje pipe. Prodaja možna samo v kompletu s krogelno pipo. /
Adapter is welded on the body of the ball valve. It can only be sold mounted on the ball valve.

Opombe

Adapterji KP so primerni za KPC, KPN in KPV ventile z ISO prirobnico.

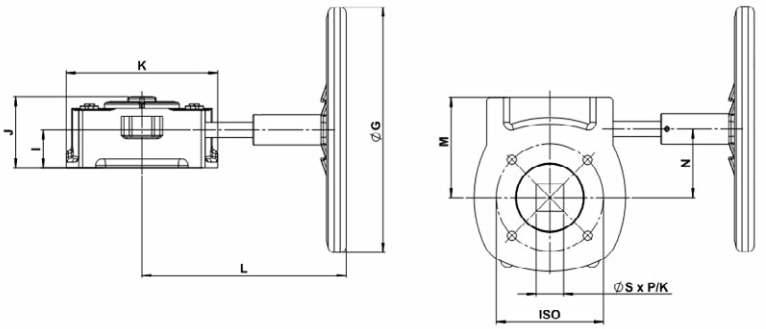
Notes

KP adapters are suitable for KPC, KPN and KPV with ISO flange.

ROČNO POLŽNO GONILO | MANUAL GEARBOX

Za krogelne pipe / For ball valves





Materiali / Materials

1	Ohišje Body	Siva litina Cast iron
2	Kolo Wheel	Ogljikovo jeklo Carbon steel

Art.	DN	I	J	K	L	M	N	ØG	ISO zgornja prirobnica / ISO top flange	Nastavek / Shaft K	Teža / Weight [kg]
A950996	50-100	28	60	136	200	88	60	200	F07 / F10	K17	2,00
A950997	125-200	44	85	150	210	105	67	250/310*	F10 / F12	K27 / K30	4,30
A951003	250-300	50	93,5	198	267	131	89,5	310	F14	K36	10,10
A951021	350-400	56	119	253	330	158	56	400	F16	K46	11,20

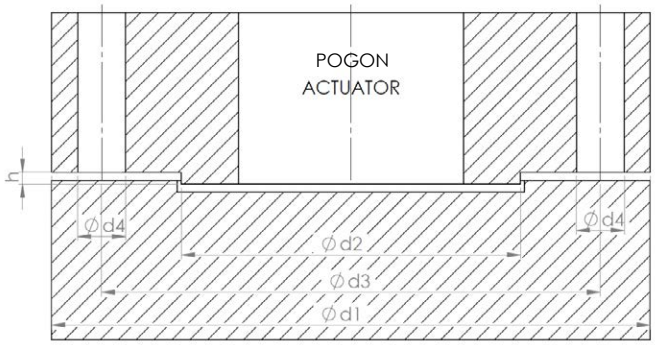
Opombe

*Dimenzija za DN250.

Notes

*Dimension for DN 250.

ISO ZGORNJA PRIROBNICA | ISO TOP FLANGE



ISO5211

Vrsta prirobnice / Flange type	Ød1	Ød2	Ød3	Ød4	h	Št. / No.
F03	46	25	36	M5	3	4
F04	54	30	42	M5	3	4
F05	65	35	50	M6	3	4
F07	90	55	70	M8	3	4
F10	125	70	102	M10	3	4
F12	150	85	125	M12	3	4
F14	175	100	140	M16	4	4
F16	210	130	165	M20	5	4
F25	300	200	254	M16	5	8

Elektromotorni pogoni / Electric actuators

	ER RANGE & V ECONOMICAL (ER/VS)									
	DN	Art.	Oznaka pogona / Actuator	Prirobnica ISO / Top flange ISO	Nastavek / Shaft K	Navor / Lever [Nm]	Delovna temp. / Working temp. [°C]	Moč / Power [W]	Odpiralni čas / Opening time [s]	Teža / Weight [kg]
	25	A038578	ER35.90A.G00	F03–F05	22	35	-10 / +55	45	7	1,50
	32	A037857	ER60.90A.G00	F05–F07	22	60	-10 / +55	45	12	3,00
	40	A037857	ER60.90A.G00	F05–F07	22	60	-10 / +55	45	12	3,00
	50	A037858	ER100.90A.G00	F05–F07	22	100	-10 / +55	45	23	3,00

OPOMBA: V primeru montaže pogona na krogelno pipo, kjer medij presega 55°C, je potrebno dodati še adapter.
NOTES: An adapter must be added when mounting the actuator on a ball valve if the medium exceeds 55°C.

	V RANGE (VR/VS/VT)									
	DN	Art.	Oznaka pogona / Actuator	Prirobnica ISO / Top flange ISO	Nastavek / Shaft K	Navor / Lever [Nm]	Delovna temp. / Working temp. [°C]	Moč / Power [W]	Odpiralni čas / Opening time [s]	Teža / Weight [kg]
	25	A037840	VR45.70A.G00	F05-F07	17	45	-20 / +70	45	15	3,10
	32	A037840	VR45.70A.G00	F05-F07	17	45	-20 / +70	45	15	3,10
	40	A037848	VR75.70A.G00	F05-F07	17	75	-20 / +70	45	20	3,10
	50	A037848	VR75.70A.G00	F05-F07	17	75	-20 / +70	45	20	3,10
	65	A037072	VS150.90A.G00	F07-F10	22	150	-20 / +70	85	30	5,60
	80	A037072	VS150.90A.G00	F07-F10	22	150	-20 / +70	85	30	5,60
	100	A037850	VS300.90A.G00	F07-F10	22	300	-20 / +70	85	50	5,60
	125	A037851	VT600.A08.T00	F10-F12	36	600	-20 / +70	250	38	17,10
	150	A037852	VT1000.A08.T00	F10-F12	36	1000	-20 / +70	250	38	17,10
	200	A037852	VT1000.A08.T00	F10-F12	36	1000	-20 / +70	250	38	17,10
	250	A072107	VT1500.B08.G00	F14-F16	46	1500	-20 / +70	250	113	54,00
	300	A072107	VT1500.B08.G00	F14-F16	46	1500	-20 / +70	250	113	54,00
	350	A072108	VT2400.B08.G00	F14-F16	46	2400	-20 / +70	250	113	54,00
	400	A072108	VT2400.B08.G00	F14-F16	46	2400	-20 / +70	250	113	54,00

OPOMBA: V primeru montaže pogona na krogelno pipo, kjer medij presega 70°C, je potrebno dodati še adapter.
NOTES: An adapter must be added when mounting the actuator on a ball valve if the medium exceeds 70°C.

	ATEX (VRX/VSX/VTX)									
	DN	Art.	Oznaka pogona / Actuator	Prirobnica ISO / Top flange ISO	Nastavek / Shaft K	Navor / Lever [Nm]	Delovna temp. / Working temp. [°C]	Moč / Power [W]	Odpiralni čas / Opening time [s]	Teža / Weight [kg]
	25	A037853	VRX45.70A.G00	F05–F07	17	45	-20 / +70	45	15	4,40
	32	A037853	VRX45.70A.G00	F05–F07	17	45	-20 / +70	45	15	4,40
	40	A037854	VRX75.70A.G00	F05–F07	17	75	-20 / +70	45	20	4,40
	50	A037862	VSX100.90A.G00	F07–F10	22	100	-20 / +70	45	15	6,40
	65	A037861	VSX150.90A.G00	F07–F10	22	150	-20 / +70	85	30	6,40
	80	A037861	VSX150.90A.G00	F07–F10	22	150	-20 / +70	85	30	6,40
	100	A037863	VSX300.90A.G00	F07–F10	22	300	-20 / +70	85	50	6,40
	125	A087040	VTX600.A08.G00	F10–F12	36	600	-20 / +63	250	38	25,00
	150	A087041	VTX1000.A08.G00	F10–F12	36	1000	-20 / +63	250	38	25,00
	200	A087041	VTX1000.A08.G00	F10–F12	36	1000	-20 / +63	250	38	25,00

OPOMBA: V primeru montaže pogona na krogelno pipo, kjer medij presega 70°C, je potrebno dodati še adapter.
NOTES: An adapter must be added when mounting the actuator on a ball valve if the medium exceeds 70°C.

Pnevmatski pogoni / Pneumatic actuators



DVOSTRANSKO DELOVANJE (MT) / DOUBLE ACTING (MT)							
DN	**Art.**	**Oznaka pogona / Actuator**	**Prirobnica ISO / Top flange ISO**	**Nastavek / Shaft K**	**Navor / Lever [Nm] P = 6 bar**	**Delovna temperatura / Working temperature [°C]**	**Teža / Weight [kg]**
25	A039358	MT15	F04/F07	14	33	-20 / +80	1,83
32	A039352	MT17	F05/F07	14	44	-20 / +80	2,35
40	A039359	MT20	F05/F07	17	60	-20 / +80	2,87
50	A039353	MT25	F05/F07	17	91	-20 / +80	4,00
65	A039354	MT30	F05/F07	17	121	-20 / +80	4,84
80	A039360	MT35	F07/F10	22	193	-20 / +80	7,58
100	A039361	MT40	F07/F10	22	242	-20 / +80	9,03
125	A039362	MT45	F07/F10	22	377	-20 / +80	12,46
125	A039363	MT50	F10/F12	27	544	-20 / +80	17,80
150	A039364	MT55	F10/F12	27	725	-20 / +80	22,18
200	A039365	MT60	F10/F14	36	1099	-20 / +80	36,30
250	A039365	MT60	F10/F14	36	1099	-20 / +80	36,30
300	A068987	MT65	F10/F14	36	1450	-20 / +80	39,88
350	A059693	MT70	F16	46	2838	-20 / +80	66,81
400	A059693	MT70	F16	46	2838	-20 / +80	66,81

OPOMBA: V primeru montaže pogona na krogelno pipo, kjer medij presega 80°C, je potrebno dodati še adapter.
NOTES: An adapter must be added when mounting the actuator on a ball valve if the medium exceeds 80°C.

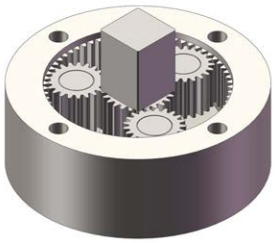


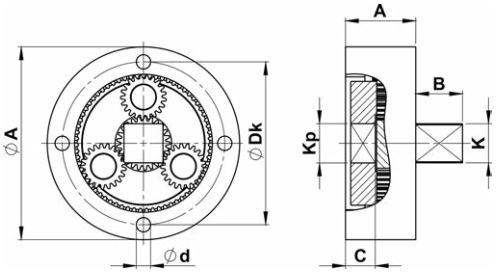
ENOSTRANSKO DELOVANJE (MT) / SPRING RETURN (MT)							
DN	**Art.**	**Oznaka pogona / Actuator**	**Prirobnica ISO / Top flange ISO**	**Nastavek / Shaft K**	**Navor / Lever [Nm] P = 6 bar**	**Delovna temperatura / Working temperature [°C]**	**Teža / Weight [kg]**
25	A039367	MT25-SR4	F05/F07	17	28	-20 / +80	4,52
32	A039369	MT30-SR4	F05/F07	17	42	-20 / +80	5,57
40	A039371	MT35-SR3	F07/F10	22	52	-20 / +80	9,02
50	A039372	MT35-SR5	F07/F10	22	86	-20 / +80	9,02
65	A039373	MT45-SR4	F07/F10	22	126	-20 / +80	15,02
80	A039374	MT45-SR5	F07/F10	22	158	-20 / +80	15,02
100	A039375	MT50-SR4	F10/F12	27	196	-20 / +80	22,63
125	A039377	MT60-SR5	F10/F14	36	483	-20 / +80	45,90
150	A039379	MT70-SR4	F16	46	692	-20 / +80	82,96
200	A039380	MT70-SR6	F16	46	1039	-20 / +80	82,96
250	A039380	MT70-SR6	F16	46	1039	-20 / +80	82,96
300	A068986	MT75-SR6	F16	46	1208	-20 / +80	98,00

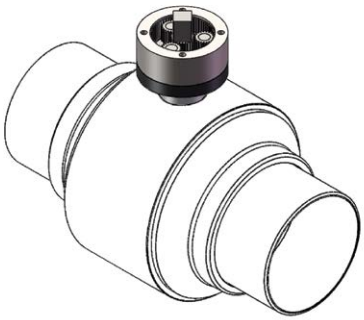
OPOMBA: V primeru montaže pogona na krogelno pipo, kjer medij presega 80°C, je potrebno dodati še adapter.
NOTES: An adapter must be added when mounting the actuator on a ball valve if the medium exceeds 80°C.

NASADNO GONILO | PLANETARY GEAR BOX

Za krogelne pipe / For ball balves







Materiali / Materials

1	Gonilo Body	Ogljikovo jeklo Carbon steel

Art.	ØA	ØDk	Ød	A	B	C	Kp	K	Teža / Weight [kg]
A901875	148	125	11	54	36	22	30	30	5,27

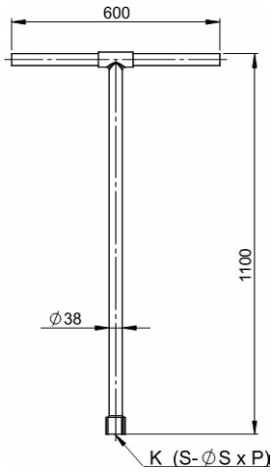
Opombe

Nasadno gonilo se vgradi med prirobnico krogelne pipe in podzemni nastavek.

Notes

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

KLJUČ ZA NASTAVEK | KEY





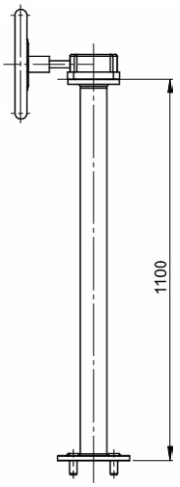
Materiali / Materials

1	Ohišje Body	Ogljikovo jeklo – P235TR1, A105 Carbon steel – P235TR1, A105

Art.	Nastavek /Shaft	Teža / Weight [kg]
A951023	K14	1,4
A950999	K24	1,4
A951000	K25	1,4
A950998	K32	1,4
A951001	T-držalo / T-holder	5,0

NASADNI KLJUČ Z ROČNIM POLŽNIM POGONOM | KEY WITH MANUAL GEAR

Za krogelne pipe KPV PG / For ball balves KPV PG



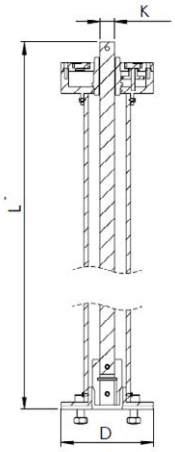


Materiali / Materials

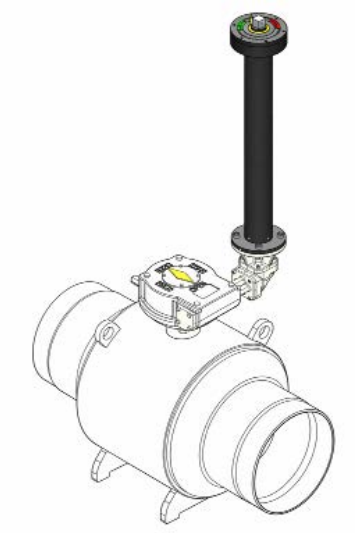
1	Ohišje Body	Ogljikovo jeklo – P235TR1, A105 Carbon steel – P235TR1, A105

Art.	Nastavek / Shaft	Teža / Weight [kg]
A950994	S27	25,00

NASTAVEK TELESKOP | TELESCOPIC EXTENSION







Materiali / Materials

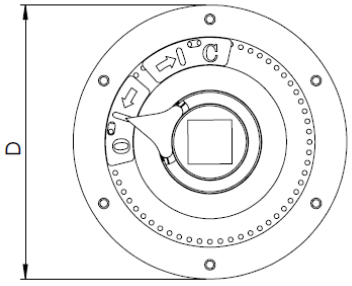
1	Indikator Indicator	Plastika PE PE plastic
2	Cev Tube	Plastika PE PE plastic
3	Prirobnica Flange	Plastika PE PE plastic
4	Podaljšek vretena Spindle extension	Jeklo S235 Steel S235

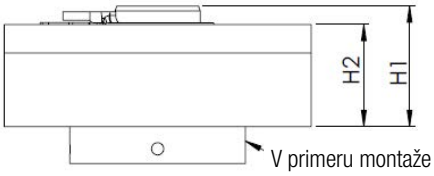
Art.	L	K	D	Teža / Weight [kg]
A905306	308,55 - 618,55	□ 20	125	3,5

Opombe
Nastavek ni vodotesen.
Na željo stranke dobavljiva vodotesna izvedba.

Notes
Telescopic extension is not waterproof.
Waterproof version available upon customer request.

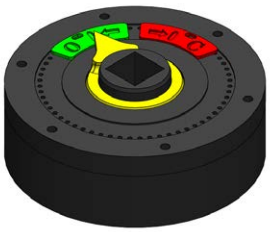
INDIKATOR POLOŽAJA POLIX | LIMIT SWITCH BOX POSITIONER POLIX





V primeru montaže na teleskopski podaljšek.

In case of mounting on telescopic extension.



Materiali / Materials

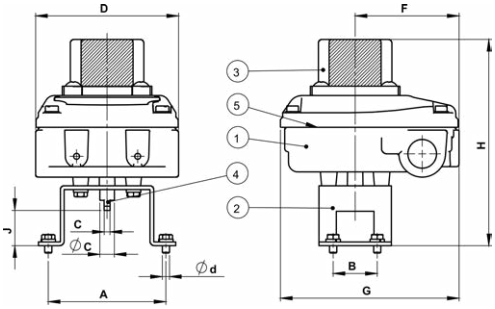
1	Indikator Limit switch box	Plastika PE PE plastic

Art.	D	H1	H2	Teža / Weight [kg]
A907518	125	49	41,5	0,3

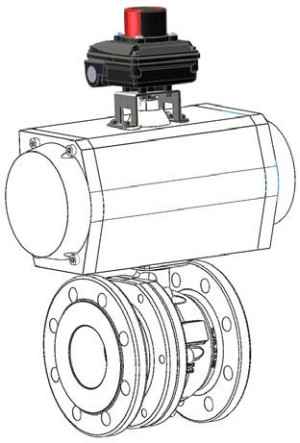
Opombe
Indikator položaja je primeren za podzemne vgradnje.
Možnost vodoodporne izvedbe.

Notes
The position indicator is suitable for underground installations.
Waterproof version available upon request.

INDIKATOR POLOŽAJA | LIMIT SWITCH BOX POSITIONER







Materiali / Materials

1	Ohišje Body	Al zlitina Cast aluminium
2	Nosilec Shaft	Nerjavno jeklo AISI300 Stainless steel AISI300
3	Zunanji indikator External indicator	Policarbonat Polycarbonat
4	Osovina Cams	Nerjavno jeklo AISI304 Stainless steel AISI304
5	Tesnilni element O-ring	NBR

Art.	A	B	C	ØC	D	F	G	H	J	Teža / Weight [kg]
A046094	75,5 – 81,5	30	4	10	97	71	121,5	140	24	0,7

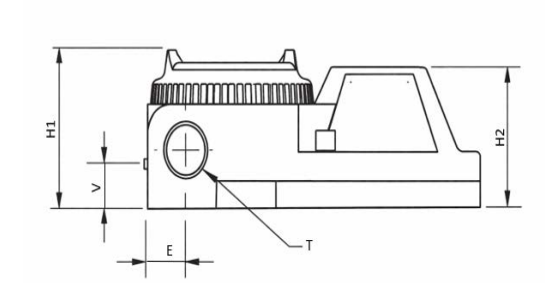
Opombe

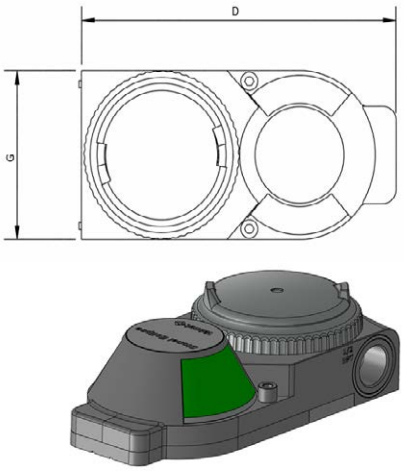
Indikator položaja je primeren za vgradnjo na pnevmatske pogone.
Dobavljiv v ATEX izvedbi.

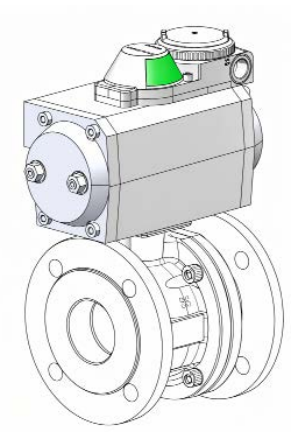
Notes

The limit switch box positioner is suitable for direct mounting on pneumatic actuators. ATEX version is available upon request.

INDIKATOR POLOŽAJA VALMET | LIMIT SWITCH BOX POSITIONER VALMET







Materiali / Materials

1	Ohišje Body	Nerjavno jeklo Stainless steel
2	Zaščitno ohišje Body protector	Polikarbonat Polycarbonate
3	Priključki Connectors	Nerjavno jeklo Stainless steel

Art.	G	D	H1	H2	V	E	T	Teža / Weight [kg]
A901406	77,0	155,6	49,7	44,5	15,6	17,2	M20	0,7

Opombe

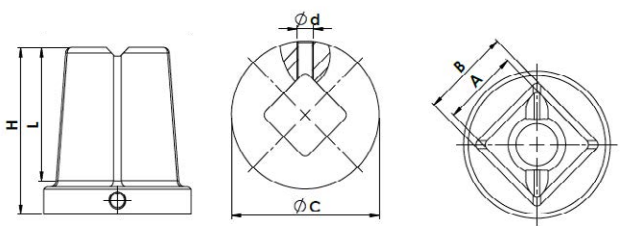
Indikator položaja je primeren za direktno vgradnjo na pnevmatske pogone.
Primeren za izvedbe ATEX.
Možnost brezžične povezave.

Notes

The position indicator is suitable for direct mounting on pneumatic actuators. Suitable for ATEX versions.
Wireless connection option.

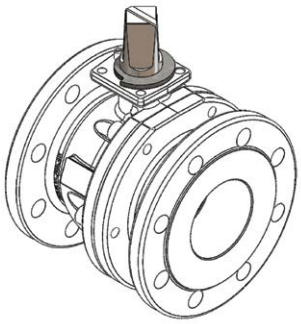
NASTAVEK ZA KLJUČ | TOP KEY

ISO / ISO





DN25 - DN200



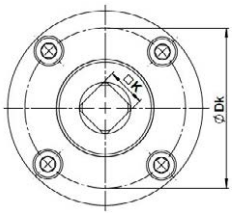
Materiali / Materials

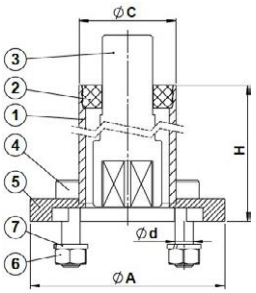
1	Nastavek Body	Ogljikovo jeklo – ASTM A105 Carbon steel – ASTM A105

Art.	DN	A	B	H	L	ØC	Ød	Teža / Weight [kg]
A954116	DN 25	27	32	55	48	40	M6	0,37
A954118	DN 32-50	27	32	55	48	40	M6	0,36
A954120	DN 65-100	27	32	55	48	40	M6	0,34
A954122	DN125-150	27	32	73	48	40	M6	0,45
A954139	DN200	27	32	80	48	50	M6	0,64

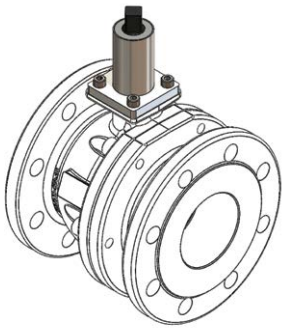
PODALJŠEK | STEM EXTENSION

Za termo izolacijo - Krogelna pipa KP - ISO / For thermal insulation - Ball valve KP - ISO









Materiali / Materials

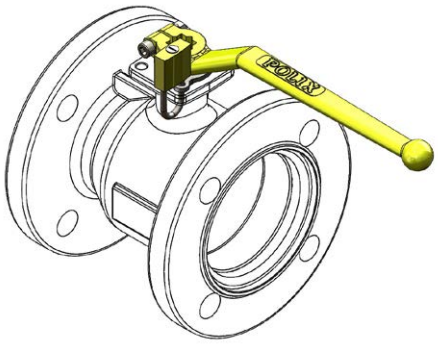
1	Cev Leading tube	P235 TR1
2	Puša Bush	Poliamid Polyamide
3	Vreteno Stem	A105
4	Vijak Screw	8.8
5	Prirobnica Flange	Ogljikovo jeklo Carbon steel
6	Matica Nut	8
7	Podložka Washer	Pocinkano jeklo Galvanized steel

Art.	DN	ISO - ØDk	H	ØA	ØC	Ød	K	Teža / Weight [kg]
A971460	15-25	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

* Kvadratna plošča / * Square plate

ZAKLEP | LOCKER

Za krogelne pipe / For ball balves



Materiali / Materials

1	Ohišje Body	Ogljikovo jeklo (cinkano) Carbon steel (galvanized)

Art.	Zaklep / locker	DN	Teža / Weight [kg]
A950218	KP	15 - 25	0,14
A950219	KP	32	0,14
A950224	KP	40 – 50	0,14
A950225	KP	65 – 100	0,15
A950226	KP	125 – 150	0,17
A950227	KP	200	0,30



ZAPORNI ZASUNI

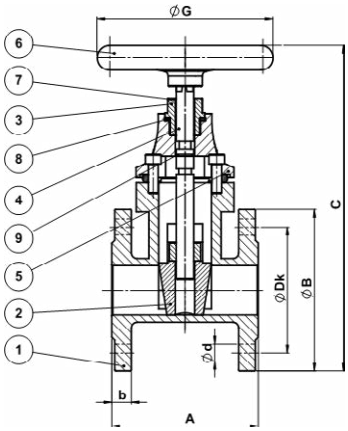
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GATE VALVES

ZAPORNI ZASUN, MEHKO TESNJENJE, RAVNO OHIŠJE, F4, NEDVIGAJOČE SE VRETENO /
GATE VALVE, RESILIENT SEATED, FLAT BODY, F4, NON RISING STEM

// Delovna temperatura / Working temperature: 0 °C /+70 °C





Materiali / Materials

1	Ohišje Body	Nodularna litina – EN-GJS-500 (GGG50) Ductile iron – EN-GJS-500 (GGG50)	6	Ročni pogon Handwheel	Nodularna litina – EN-GJS-500 (GGG50) Ductile iron – EN-GJS-500 (GGG50)
2	Klin Wedge	Nodularna litina – EN-GJS-500 z EPDM prevleko Ductile iron – EN-GJS-500 with EPDM coating	7	Tesnilo vretena Dust ring	EPDM
3	Matica vretena Stem nut	Medenina Brass	8	Tesnilo Sealing	NBR
4	Vreteno Stem	Nerjavno jeklo – 2Cr13 (A420) Stainless steel – 2Cr13 (A420)	9	O-Obroč O-Ring	NBR
5	Pokrov Bonnet	Nodularna litina – EN-GJS-500 (GGG50) Ductile iron – EN-GJS-500 (GGG50)			

PN10

Art.	DN	A	ØB	ØDk	C	ØG	b	n-Ød	Teža / Weight [kg]
A030782	40	140	150	110	310	160	19	4–19	10,0
A012221	50	150	165	125	315	180	19	4–19	11,0
A018900	65	170	185	145	355	180	19	4–19	14,0
A012222	80	180	200	160	390	200	19	8–19	17,0
A011867	80*	180	200	160	390	200	19	4–19	17,0
A012223	100	190	220	180	430	250	19	8–19	22,0
A018901	125	200	250	210	490	280	19	8–19	30,0
A012224	150	210	285	240	545	280	19	8–23	35,0
A034755	200	230	340	295	665	340	20	8–23	60,0
A043875	250	250	405	350	775	340	22	12–23	85,0
A043876	300	270	460	400	895	400	24,5	12–23	120,0

PN16

Art.	DN	A	ØB	ØDk	C	ØG	b	n-Ød	Teža / Weight [kg]
A030782	40	140	150	110	310	160	19	4–19	10,0
A012221	50	150	165	125	315	180	19	4–19	11,0
A018900	65	170	185	145	355	180	19	4–19	14,0
A012222	80	180	200	160	390	200	19	8–19	17,0
A011867	80*	180	200	160	390	200	19	4–19	17,0
A012223	100	190	220	180	430	250	19	8–19	22,0
A018901	125	200	250	210	490	280	19	8–19	30,0
A012224	150	210	285	240	545	280	19	8–23	35,0
A018902	200	230	340	295	665	340	20	12–23	60,0
A018903	250	250	405	355	775	340	22	12–23	85,0
A029124	300	270	460	410	895	400	24,5	12–23	120,0

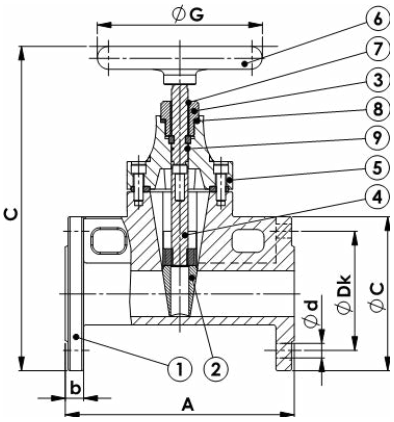
Opombe
Vgradna dolžina ustreza standardu EN558-1 serija 14 (DIN3202 F4).
Dimenzija prirobnice in vrtanje ustreza standardu EN 1092-2.
Številke artiklov od DN40–DN150 so enake za PN10 in PN16 in so vedno navedene kot PN16. *Na voljo tudi s prirobnico na 4 luknje.

Notes
Face to face dimensions according to EN558-1 Series 14 (DIN3202 F4).
Flange dimensions and drilling according to EN 1092-2.
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.

ZAPORNI ZASUN, MEHKO TESNJENJE, OVALNO OHIŠJE, F5, NEDVIGAJOČE SE VRETENO / GATE VALVE, RESILIENT SEATED, OVAL BODY, F5, NON RISING STEM

// Delovna temperatura / Working temperature: 0 °C /+70 °C





Materiali / Materials

1	Ohišje Body	Nodularna litina – EN-GJS-500 (GGG50) Ductile iron – EN-GJS-500 (GGG50)	6	Ročni pogon Handwheel	Nodularna litina – EN-GJS-500 (GGG50) Ductile iron – EN-GJS-500 (GGG50)
2	Klin Wedge	Nodularna litina – EN-GJS-500 z EPDM prevleko Ductile iron – EN-GJS-500 with EPDM coating	7	Tesnilo vretena Dust ring	EPDM
3	Matica vretena Stem nut	Medenina Brass	8	Tesnilo Sealing	NBR
4	Vreteno Stem	Nerjavno jeklo – 2Cr13 (A420) Stainless steel – 2Cr13 (A420)	9	O-Obroč O-Ring	NBR
5	Pokrov Bonnet	Nodularna litina – EN-GJS-500 (GGG50) Ductile iron – EN-GJS-500 (GGG50)			

PN10

Art.	DN	A	ØC	ØDk	C	ØG	b	n-Ød	Teža / Weight [kg]
A030783	40	240	150	110	310	180	19	4–19	11,0
A030325	50	250	165	125	315	180	19	4–19	13,0
A030326	65	270	185	145	355	180	19	4–19	15,0
A030327	80	280	200	160	390	200	19	8–19	19,0
A040229	80*	280	200	160	390	200	19	4–19	19,0
A030328	100	300	220	180	430	250	19	8–19	24,0
A030329	125	325	250	210	490	280	19	8–19	34,0
A030333	150	350	285	240	545	280	19	8–23	42,0
A041038	200	400	340	295	665	340	20	8–23	65,0
A043877	250	450	405	350	775	340	22	12–23	90,0
A045454	300	500	460	400	895	400	24,5	12–23	130,0

PN16

Art.	DN	A	ØC	ØDk	C	ØG	b	n-Ød	Teža / Weight [kg]
A030783	40	240	150	110	310	180	19	4–19	11,0
A030325	50	250	165	125	315	180	19	4–19	13,0
A030326	65	270	185	145	355	180	19	4–19	15,0
A030327	80	280	200	160	390	200	19	8–19	19,0
A040229	80*	280	200	160	390	200	19	4–19	19,0
A030328	100	300	220	180	430	250	19	8–19	24,0
A030329	125	325	250	210	490	280	19	8–19	34,0
A030333	150	350	285	240	545	280	19	8–23	42,0
A030330	200	400	340	295	665	340	20	12–23	65,0
A030331	250	450	405	355	775	340	22	12–23	90,0
A030332	300	500	460	410	895	400	24,5	12–23	130,0

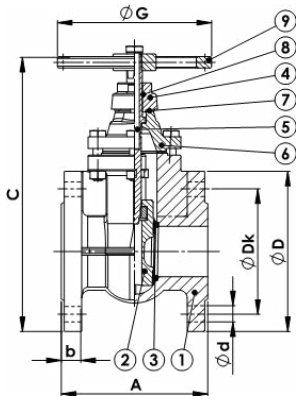
Opombe
Vgradna dolžina ustreza standardu EN558-1 serija 15 (DIN3202 F5).
Dimenzija prirobnice in vrtanje ustreza standardu EN 1092-2.
Številke artiklov od DN40–DN150 so enake za PN10 in PN16 in so vedno navedene kot PN16. *Na voljo tudi s prirobnico na 4 luknje.

Notes
Face to face dimensions according to EN558-1 Series 15 (DIN3202 F5).
Flange dimensions and drilling according to EN 1092-2.
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.

ZAPORNI ZASUN, KOVINSKO TESNJENJE, RAVNO OHIŠJE, F4, NEDVIGAJOČE SE VRETENO /
GATE VALVE, METAL SEATED, FLAT BODY, F4, NON RISING STEM

// Delovna temperatura / Working temperature: 0 °C /+90 °C





Materiali / Materials

1	Ohišje Body	Siva litina – EN-GJL-250 (GG25) Cast iron – EN-GJL-250 (GG25)	6	Pokrov Bonnet	Siva litina – EN-GJL-250 (GG25) Cast iron – EN-GJL-250 (GG25)
2	Klin Wedge	Siva litina – EN-GJL-250 (GG25) Cast iron – EN-GJL-250 (GG25)	7	O-Obroč O-Ring	EPDM
3	Tesnilo ohišja in klina Body seat ring & disc seat ring	Medenina Brass	8	Puša Packing	Grafit Graphite
4	Matica vretena Stem nut	Medenina Brass	9	Ročni pogon Handwheel	Siva litina – EN-GJL-250 (GG25) Cast iron – EN-GJL-250 (GG25)
5	Vreteno Stem	Nerjavno jeklo – X5CrNi18-10 (A304) Stainless steel – X5CrNi18-10 (A304)			

PN10

Art.	DN	A	ØD	C	ØDk	ØG	b	n-Ød	Teža / 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

Prirobnica PN16, maks. delovni tlak 10 bar / Flange PN16, max. working pressure 10 bar

Art.	DN	A	ØD	C	ØDk	ØG	b	n-Ød	Teža / 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

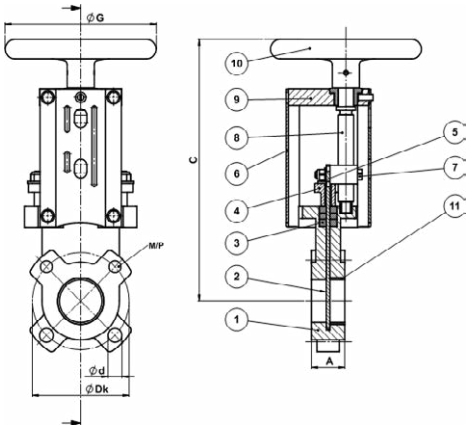
Opombe
Vgradna dolžina ustreza standardu EN558-1 serija 14 (DIN3202 F4).

Notes
Face to face dimensions according to EN558-1 Series 14 (DIN3202 F4).

NOŽASTI ZAPORNI ZASUN, ROČNI POGON, ENOSMERNI / KNIFE GATE VALVE, HANDWHEEL OPERATED, UNIDIRECTIONAL

// Delovna temperatura / Working temperature: 0 °C /+90 °C





Materiali / Materials

1	Ohišje Body	Siva litina – EN-GJS-400-15 (GGG40) Cast iron – EN-GJS-400-15 (GGG40)	7	Pritrdilniki stranske plošče Fasteners (for side plate)	Ogljikovo jeklo (galvanizirano) Carbon steel (plated)
2	Klin Gate	Nerjavno jeklo – X5CrNi18-10 (A304) Stainless steel – X5CrNi18-10 (A304)	8	Vreteno Stem	Nerjavno jeklo – X5CrNi18-10 (A304) Stainless steel – X5CrNi18-10 (A304)
3	Puša Packing	PTFE impregnirano sintetično vlakno PTFE impregnated syntex fibre	9	Zgornja plošča Top plate	Ogljikovo jeklo (prašno barvano) Carbon steel (powder coated)
4	Vodilo klina Gland	Nodularna litina (prašno barvano) Ductile iron (powder coated)	10	Ročni pogon Hand Wheel	Jeklo (prašno barvano) Steel (Powder coated)
5	Pritrdilniki vodila klina Fasteners (gland)	Ogljikovo jeklo (galvanizirano) Carbon steel (plated)	11	Tesnilo Seat	EPDM
6	Stranska plošča Side plate	Ogljikovo jeklo (prašno barvano) Carbon steel (powder coated)			

PN10

Art.	DN	A	C	ØDk	ØG	n-M/P*	Ød	Max. delovni tlak / Max working pressure [bar]	Teža / 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	10	20,0
A035641	200	60	578	295	350	2-M20/11	23	10	36,0
A035642	250	68	709	350	350	4-M20/11	23	8	51,5
A035643	300	78	815	400	350	4-M20/11	23	6	69,5

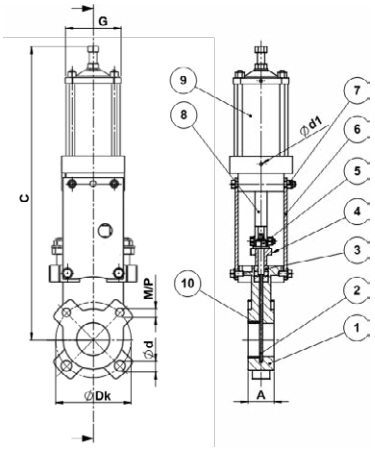
Opombe
Prirobnica po EN 1092 (PN10), maksimalni delovni tlak je naveden v tabeli.
*Slepe luknje na zgornji strani ohišja (P=globina).

Notes
Flange drilling acc. to EN 1092 (PN10), maximum working pressure as per above data sheet. *Blind tapped holes on the upper side of the body (P=depth).

NOŽASTI ZAPORNI ZASUN, PNEVMATSKI POGON, ENOSMERNI / KNIFE GATE VALVE, PNEUMATICALLY OPERATED, UNIDIRECTIONAL

// Delovna temperatura / Working temperature: 0 °C /+90 °C





Materiali / Materials

1	Ohišje Body	Siva litina – EN-GJS-400-15 (GGG40) Cast iron – EN-GJS-400-15 (GGG40)	6	Stranska plošča Side plate	Ogljikovo jeklo (prašno barvano) Carbon steel (powder coated)
2	Klin Gate	Nerjavno jeklo – X5CrNi18-10 (A304) Stainless steel – X5CrNi18-10 (A304)	7	Pritrdilniki stranske plošče Fasteners (for side plate)	Ogljikovo jeklo (galvanizirano) Carbon steel (plated)
3	Puša Packing	PTFE impregnirano sintetično vlakno PTFE impregnated syntex fibre	8	Vreteno Stem	Nerjavno jeklo – X5CrNi18-10 (A304) Stainless steel – X5CrNi18-10 (A304)
4	Vodilo klina Gland	Nodularna litina (prašno barvano) Ductile iron (powder coated)	9	Pnevmatski pogon Actuator	Poliestrska cev impregnirana s steklenimi vlakni Frp tube
5	Pritrdilniki vodila klina Fasteners (gland)	Ogljikovo jeklo (galvanizirano) Carbon steel (plated)	10	Tesnilo Seat	EPDM

PN10

Art.	DN	A	C	ØDk	G	n-M/P*	Ød	d1	Max. delovni tlak / Max working pressure [bar]	Teža / 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”	10	21,5
A035650	200	60	930	295	165	2-M20/11	23	½”	10	38,0
A035651	250	68	1120	350	165	4-M20/11	23	½”	8	62,5
A035654	300	78	1285	400	260	4-M20/11	23	½”	6	79,5

Opombe
Prirobnica po EN 1092 (PN10), maksimalni delovni tlak je naveden v tabeli.
*Slepe luknje na zgornji strani ohišja (P=globina).
Pnevmatski pogon: dvostransko delujoč.

Notes
Flange drilling acc. to EN 1092 (PN10), maximum working pressure as per above data sheet.*Blind tapped holes on the upper side of the body (P=depth).
Pneumatic actuator: double acting.

ZAPORNI VENTILI

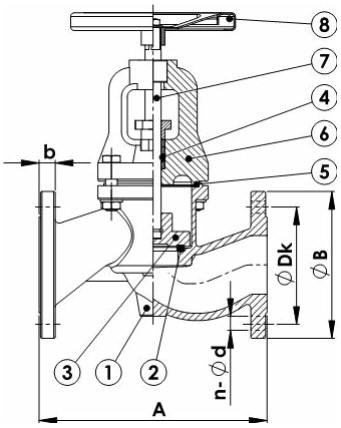
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GLOBE VALVES

ZAPORNI VENTIL, INOX TESNJENJE / GLOBE VALVE, STAINLESS STEEL TRIM

// Delovna temperatura / Working temperature: 0 °C /+180 °C





Materiali / Materials

1	Ohišje Body	Siva litina – EN-GJL-250 (GG25) Cast iron – EN-GJL-250 (GG25)	5	Tesnilo pokrova Bonnet gasket	Grafit Graphite
2	Tesnilo ohišja Seat ring	Nerjavno jeklo – X5CrNi18-10 (A304) Stainless steel – X5CrNi18-10 (A304)	6	Pokrov Bonnet	Siva litina – EN-GJL-250 (GG25) Cast iron – EN-GJL-250 (GG25)
3	Disk Disc	Nerjavno jeklo – X5CrNi18-10 (A304) Stainless steel – X5CrNi18-10 (A304)	7	Vreteno Stem	Nerjavno jeklo – X5CrNi18-10 (A304) Stainless steel – X5CrNi18-10 (A304)
4	Puša Packing	Grafit Graphite	8	Ročni pogon Handwheel	Jeklo Steel

PN16

Art.	DN	A	B	Dk	b	n-Ød	Teža / 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

Opombe
Vgradna dolžina ustreza standardu EN558-1 serija 1 (DIN3202 F1).

Notes
Face to face dimensions conform to EN558-1 Series 1 (DIN3202 F1).

ZAPORNE LOPUTE

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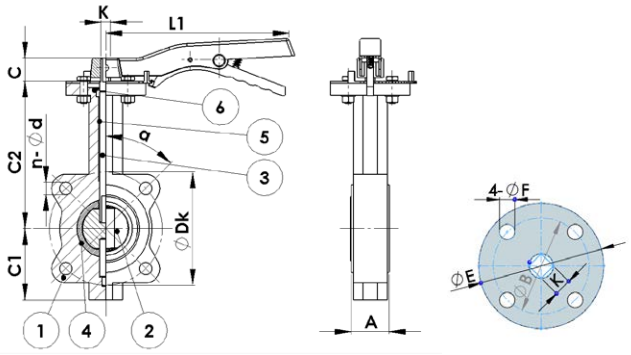
BUTTERFLY VALVES

ZAPORNA LOPUTA Z ROČICO, MEDPRIROBNIČNA, TIP: LZM CI/DI /
WAFER BUTTERFLY VALVE, TYPE: LZM CI/DI

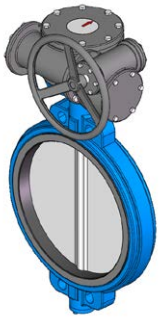
// Delovna temperatura / Working temperature: 0 °C /+120 °C

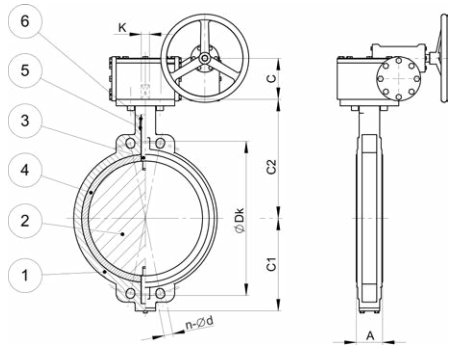
DN40-DN300





DN350-DN600





Materiali / Materials

1	Ohišje Body	Siva litina – EN-GJL-250 (GG25) - Epoksi barvan - RAL 5015 Cast iron – EN-GJL-250 (GG25) - Epoxy powder coated - RAL 5015	4	Tesnilo Sealing	EPDM
2	Disk Disc	Nodularna litina – EN-GJS-500-7 (GGG50) – nikljano Ductile iron – EN GJS-500-7 (GGG50) – nickel plated	5	Puša Bushing	PTFE
3	Vreteno Stem	Nerjavno jeklo – X12CrS13 (A416) Stainless steel – X12CrS13 (A416)	6	O-Obroč O-Ring	EPDM

LZM CI/DI — PN16

Art.	DN	A	ØDk	C1	C2	C	n-Ød	L1	E	B	F	α	ISO zgornja prirobnica / Top flange	Nastavek / Shaft ØSxP/K	Teža / Weight [kg]
A029488	40	33	110	65	146	28	4-Ø19	208	90	70	10	45	F07	K11	2,6
A012225	50	43	125	80	161	28	4-Ø19	208	90	70	10	45	F07	K11	3,2
A012226	65	46	145	92	175	28	4-Ø19	208	90	70	10	45	F07	K11	3,7
A012227	80	46	160	95	181	28	8-Ø19	208	90	70	10	45/22,5	F07	K11	4,3
A012228	100	52	180	114	200	28	4-Ø19	267	90	70	10	22,5	F07	K11	5,9
A012229	125	56	210	127	213	28	4-Ø23	267	90	70	10	22,5	F07	K14	6,9
A012230	150	56	240	144	226	28	4-Ø23	267	90	70	10	22,5	F07	K14	8,3
A012991	200	60	295	175	260	36	8-Ø23	323	125	102	12	22,5/15	F10	K17	14,5
A016479	250	68	355	203	290	36	4-Ø28	323	125	102	12	15	F10	K22	20,3
A012992	300	78	400*/410	242	337	36	4-Ø22*/28	415	125	102	12	15	F10	K22	29,4

LZM CI/DI — PN16

Art.	DN	A	ØDk	C1	C2	C	n-Ød	E	B	F	ISO zgornja prirobnica / Top flange	Nastavek / Shaft ØSxP/K	Teža / Weight [kg]
A042300	350	80	470	270	370	80	4-Ø26	150	125	14	F12	K22	52,0
A042302	400	90	525	315	405	140	4-Ø30	210	165	22	F14	K27	101,0
A042303	450	110	585	335	425	140	4-Ø30	210	165	22	F14	K27	119,0
A042304	500	135	650	370	480	140	4-Ø33	210	165	22	F16	K27	168,0
A042305	600	160	770	465	565	150	20-Ø36	210	165	22	F16	K36	198,0

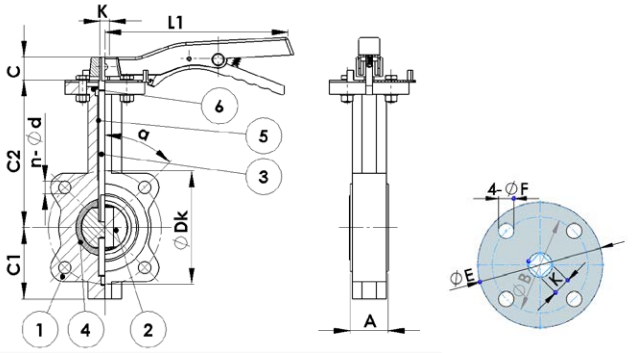
Opombe
Lopute so primerne za vgradnjo med prirobnice PN10 in PN16.
*Za PN10.

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

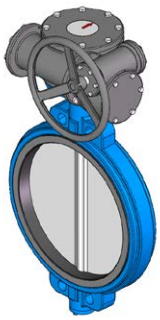
ZAPORNA LOPUTA Z ROČICO, MEDPRIROBNIČNA, TIP: LZM DI/SS /
WAFER BUTTERFLY VALVE, TYPE: LZM DI/SS

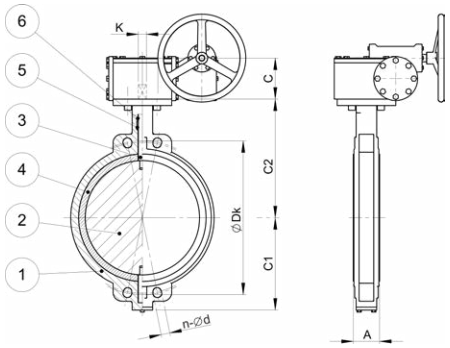
DN40-DN300





DN350-DN600





// Delovna temperatura / Working temperature: 0 °C /+120 °C

Materiali / Materials

1	Ohišje Body	Nodularna litina – EN-GJS-500-7 (GGG50)) – Epoksi barvan - RAL 5015 Ductile iron – EN-GJS-500-7 (GGG50) – Epoxy powder coated – RAL 5015	4	Tesnilo Sealing	EPDM
2	Disk Disc	Nerjavno jeklo – GX5CrNiMo19-11-2 (A316) Stainless steel – GX5CrNiMo19-11-2 (A316)	5	Puša Bushing	PTFE
3	Vreteno Stem	Nerjavno jeklo – X12CrS13 (A416) Stainless steel – X12CrS13 (A416)	6	O-Obroč O-Ring	EPDM

LZM DI/SS — PN16

Art.	DN	A	ØDk	C1	C2	C	n-Ød	L1	E	B	F	α	ISO zgornja prirobnica / Top flange	Nastavek / Shaft K	Teža / Weight [kg]
A029529	40	33	110	65	146	28	4-Ø19	208	90	70	10	45	F07	K11	2,6
A029064	50	43	125	80	161	28	4-Ø19	208	90	70	10	45	F07	K11	3,2
A029065	65	46	145	92	175	28	4-Ø19	208	90	70	10	45	F07	K11	3,7
A029066	80	46	160	95	181	28	8-Ø19	208	90	70	10	45/22,5	F07	K11	4,3
A029067	100	52	180	114	200	28	4-Ø19	267	90	70	10	22,5	F07	K11	5,9
A029068	125	56	210	127	213	28	4-Ø23	267	90	70	10	22,5	F07	K14	6,9
A029069	150	56	240	144	226	28	4-Ø23	267	90	70	10	22,5	F07	K14	8,3
A029070	200	60	295	175	260	36	8-Ø23	323	125	102	12	22,5/15	F10	K17	14,5
A029071	250	68	355	203	290	36	4-Ø28	323	125	102	12	15	F10	K22	20,3
A029072	300	78	400*/410	242	337	36	4-Ø22*/28	415	125	102	12	15	F10	K22	29,4

LZM DI/SS — PN16

Art. nr.	DN	A	ØDk	C1	C2	C	n-Ød	E	B	F	ISO zgornja prirobnica / Top flange	Nastavek / Shaft ØSxP/K	Teža / Weight [kg]
A042306	350	80	470	270	370	80	4-Ø26	150	125	14	F12	K22	52,0
A042307	400	90	525	315	405	140	4-Ø30	210	165	22	F14	K27	101,0
A042308	450	110	585	335	425	140	4-Ø30	210	165	22	F14	K27	119,0
A042309	500	135	650	370	480	140	4-Ø33	210	165	22	F16	K27	168,0
A042310	600	160	770	465	565	150	20-Ø36	210	165	22	F16	K36	198,0

// Delovna temperatura / Working temperature: 0 °C /+80 °C

Materiali / Materials

1	Ohišje Body	Nodularna litina – EN-GJS-500-7 (GGG50) Ductile iron – EN-GJS-500-7 (GGG50)	4	Tesnilo Sealing	NBR
2	Disk Disc	Nerjavno jeklo – GX5CrNiMo19-11-2 (A316) Stainless steel – GX5CrNiMo19-11-2 (A316)	5	Puša Bushing	PTFE
3	Vreteno Stem	Nerjavno jeklo – X12CrS13 (A416) Stainless steel – X12CrS13 (A416)	6	O-Obroč O-Ring	EPDM

LZM DI/SS PN16

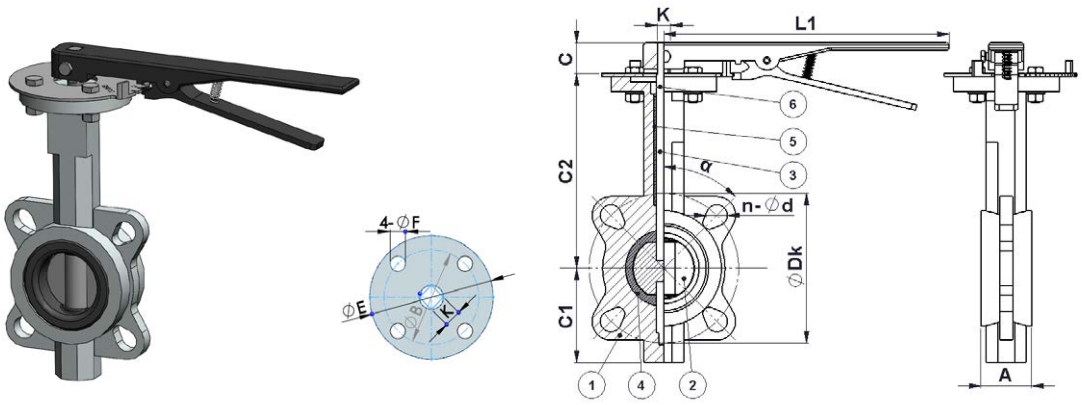
Art.	DN	A	ØDk	C1	C2	C	n-Ød	L1	E	B	F	α	ISO zgornja prirobnica / Top flange	Nastavek / Shaft K	Teža / Weight [kg]
A046069	40	33	110	65	146	28	4-Ø19	208	90	70	10	45	F07	K11	2,6
A042313	50	43	125	80	161	28	4-Ø19	208	90	70	10	45	F07	K11	3,2
A042317	65	46	145	92	175	28	4-Ø19	208	90	70	10	45	F07	K11	3,7
A042318	80	46	160	95	181	28	8-Ø19	208	90	70	10	45/22,5	F07	K11	4,3
A042319	100	52	180	114	200	28	4-Ø19	267	90	70	10	22,5	F07	K11	5,9
A042320	125	56	210	127	213	28	4-Ø23	267	90	70	10	22,5	F07	K14	6,9
A042322	150	56	240	144	226	28	4-Ø23	267	90	70	10	22,5	F07	K14	8,3
A042323	200	60	295	175	260	36	8-Ø23	323	125	102	12	22,5/15	F10	K17	14,5
A046071	250	68	355	203	290	36	4-Ø28	323	125	102	12	15	F10	K22	20,3
A059484	300	78	400*/410	242	337	36	4-Ø22*/28	415	125	102	12	15	F10	K22	29,4

Opombe
Lopute so primerne za vgradnjo med prirobnice PN10 in PN16.
*Za PN10.

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

ZAPORNA LOPUTA Z ROČICO, MEDPRIROBNIČNA, TIP: LZL CI/DI /
WAFER BUTTERFLY VALVE, TYPE: LZL CI/DI

// Delovna temperatura / Working temperature: 0 °C /+120 °C



Materiali / Materials

1	Ohišje Body	Siva litina – EN-GJL-250 (GG25) – Epoksi barvan - RAL5008 Cast iron – EN-GJL-250 (GG25) - Epoxy powder coated - RAL 5008	4	Tesnilo Sealing	EPDM
2	Disk Disc	Nodularna litina – EN-GJS-500-7 (GGG50) – nikljano Ductile iron – EN GJS-500-7 (GGG50) – nickel plated	5	Puša Bushing	PTFE
3	Vreteno Stem	Nerjavno jeklo – X12CrS13 (A416) Stainless steel – X12CrS13 (A416)	6	O-Obroč O-Ring	EPDM

LZL CI/DI PN16

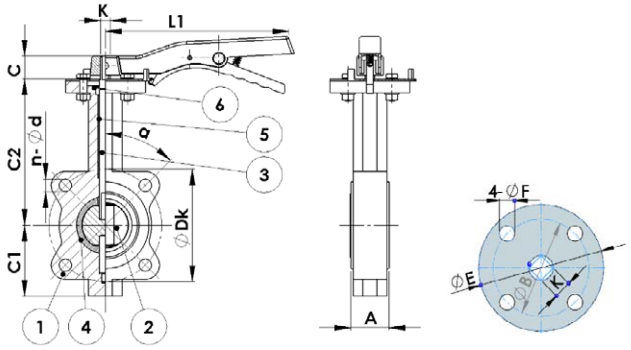
Art.	DN	A	ØDk	C1	C2	C	n-Ød	L1	E	B	F	α	ISO zgornja prirobnica / Top flange	Nastavek / Shaft K	Teža / Weight [kg]
A093844	40	33	110	70	105	28	4-Ø19	260	65	50	8	45	F05	K11	2,0
A093845	50	43	125	81	163	28	4-Ø19	260	65	50	8	45	F05	K11	2,8
A093846	65	46	145	89	173	28	4-Ø19	260	65	50	8	45	F05	K11	3,3
A093847	80	46	160	98	172	28	8-Ø19	260	65	50	8	45/22,5	F05	K11	3,5
A093848	100	52	190	114	200	28	8-Ø19	260	90	70	10	45/22,5	F07	K11	5,1
A093849	125	56	216	127	213	28	4-Ø23	260	90	70	10	22,5	F07	K14	6,5
A093850	150	56	240	140	226	28	4-Ø23	260	90	70	10	22,5	F07	K14	7,8
A093851	200	60	295	176	260	36	8-Ø26	360	125	102	12	22,5/15	F10	K17	13,5

Opombe
Lopute so primerne za vgradnjo med prirobnice PN10 in PN16.
Vgradna dolžina po EN 558 -1 serija 20.

Notes
Suitable for installation between flanges drilled according to PN10 and PN16.
Face-to-Face dimensions conform to EN 558-1 series 20.

ZAPORNA LOPUTA Z ROČICO, NAVOJNA UŠESA, TIP: LZN DI/SS /
LUGGED BUTTERFLY VALVE, TYPE: LZN DI/SS





// Delovna temperatura / Working temperature: 0 °C /+120 °C

Materiali / Materials

1	Ohišje Body	Nodularna litina – EN-GJS-500-7 (GGG50)) – Epoksi barvan - RAL 5015 Ductile iron – EN-GJS-500-7 (GGG50) – Epoxy Powder Coated – RAL 5015	4	Tesnilo Sealing	EPDM
2	Disk Disc	Nerjavno jeklo –GX5CrNiMo19-11-2 (A316) Stainless steel – GX5CrNiMo19-11-2 (A316)	5	Puša Bushing	PTFE
3	Vreteno Stem	Nerjavno jeklo – X12CrS13 (A416) Stainless steel – X12CrS13 (A416)	6	O-Obroč O-Ring	EPDM

LZN DI/SS PN16

Art.	DN	A	ØDk	C1	C2	C	n-Ød	L1	E	B	F	α	ISO zgornja prirobnica / Top flange	Nastavek / Shaft K	Teža / Weight [kg]
A028448	40	33	110	70	130	28	4-Ø16	208	90	70	10	45	F07	K11	3,1
A028450	50	43	125	80	150	28	4-Ø16	208	90	70	10	45	F07	K11	3,8
A028443	65	46	145	92	164	28	4-Ø16	208	90	70	10	45	F07	K11	4,2
A028444	80	46	160	95	170	28	8-Ø16	208	90	70	10	45/22,5	F07	K11	4,7
A028442	100	52	180	114	186	28	8-Ø16	267	90	70	10	22,5	F07	K11	9,0
A028451	125	56	210	127	201	28	8-Ø16	267	90	70	10	22,5	F07	K14	10,9
A029255	150	56	240	139	214	28	8-Ø20	267	90	70	10	22,5	F07	K14	14,2
A029254	200	60	295	175	244	36	12-Ø20	323	125	102	12	22,5/15	F10	K17	18,2
A042311	250	68	355	203	292	36	12-Ø24	323	125	102	12	15	F10	K22	31,0
A042312	300	78	410	242	337	36	12-Ø24	415	125	102	12	15	F10	K22	45,0

// Delovna temperatura / Working temperature: 0 °C /+80 °C

Materiali / Materials

1	Ohišje Body	Nodularna litina – EN-GJS-500-7 (GGG50)) – Epoksi barvan - RAL 5015 Ductile iron – EN-GJS-500-7 (GGG50) – Epoxy Powder Coated – RAL 5015	4	Tesnilo Sealing	NBR
2	Disk Disc	Nerjavno jeklo –GX5CrNiMo19-11-2 (A316) Stainless steel – GX5CrNiMo19-11-2 (A316)	5	Puša Bushing	PTFE
3	Vreteno Stem	Nerjavno jeklo – X12CrS13 (A416) Stainless steel – X12CrS13 (A416)	6	O-Obroč O-Ring	EPDM

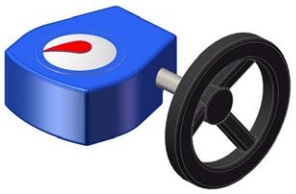
LZN DI/SS PN16

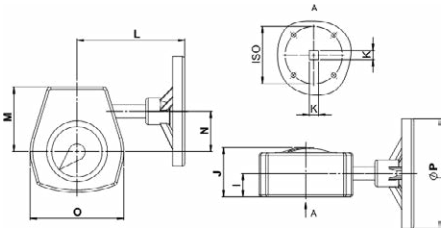
Art.	DN	A	ØDk	C1	C2	C	n-Ød	L1	E	B	F	α	ISO zgornja prirobnica / Top flange	Nastavek / Shaft K	Teža / Weight [kg]
A046070	40	33	110	70	130	28	4-Ø16	208	90	70	10	45	F07	K11	3,1
A042324	50	43	125	80	150	28	4-Ø16	208	90	70	10	45	F07	K11	3,8
A042325	65	46	145	92	164	28	4-Ø16	208	90	70	10	45	F07	K11	4,2
A042326	80	46	160	95	170	28	8-Ø16	208	90	70	10	45/22,5	F07	K11	4,7
A042327	100	52	180	114	186	28	8-Ø16	267	90	70	10	22,5	F07	K11	9,0
A042330	125	56	210	127	201	28	8-Ø16	267	90	70	10	22,5	F07	K14	10,9
A042331	150	56	240	139	214	28	8-Ø20	267	90	70	10	22,5	F07	K14	14,2
A042332	200	60	295	175	244	36	12-Ø20	323	125	102	12	22,5/15	F10	K17	18,2
A045533	250	68	355	203	292	36	12-Ø24	323	125	102	12	15	F10	K22	31,0
A045534	300	78	410	242	337	36	12-Ø24	415	125	102	12	15	F10	K22	45,0

POGONI | ACTUATORS

Za zaporne lopute / For butterfly valves

ROČNO POLŽASTO GONILO ZA LOPUTE | MANUAL GEARBOX FOR BUTTERFLY VALVE





Materiali / Materials

1	Ohišje Body	Siva litina – EN-GJL-250 (GG25) Cast iron – EN-GJL-250 (GG25)	2	Kolo Wheel	Aluminij Aluminium

Art.	DN	I	J	L	M	N	O	ØP	ISO	K	Teža / 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	250	F10	K17	5,00
A031501	250–300	33	78	220	110	75	170	300	F10	K22	5,00

POGONI ZA ZAPORNE LOPUTE | ACTUATORS FOR BUTTERFLY VALVE

Elektromotorni pogoni / Electric actuators

	ER RANGE & V ECONOMICAL (ER/VS)									
	DN	Art.	Oznaka pogona / Actuator	Prirobnica ISO / Top flange ISO	Nastavek / Shaft K	Navor / Lever [Nm]	Intermitenca / Duty cycle [%]	Moč / Power [W]	Odpiralni čas / Opening time [s]	Teža / 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

	V RANGE (VR/VS/VT)									
	DN	Art.	Oznaka pogona / Actuator	Prirobnica ISO / Top flange ISO	Nastavek / Shaft K	Navor / Lever [Nm]	Intermitenca / Duty cycle [%]	Moč / Power [W]	Odpiralni čas / Opening time [s]	Teža / 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

	ATEX (VRX/VSX)									
	DN	Art.	Oznaka pogona / Actuator	Prirobnica ISO / Top flange ISO	Nastavek / Shaft K	Navor / Lever [Nm]	Intermitenca / Duty cycle [%]	Moč / Power [W]	Odpiralni čas / Opening time [s]	Teža / 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

Pnevmatski pogoni / Pneumatic actuators

	DVOSTRANSKO DELOVANJE (MT) / DOUBLE ACTING (MT)						
	DN	Art.	Oznaka pogona / Actuator	Prirobnica ISO / Top flange ISO	Nastavek / Shaft K	Navor / Lever [Nm] P = 6 bar	Teža / 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

	ENOSTRANSKO DELOVANJE (UT) / SPRING RETURN (UT)						
	DN	Art.	Oznaka pogona / Actuator	Prirobnica ISO / Top flange ISO	Nastavek / Shaft K	Navor / Lever [Nm]	Teža / 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

NEPOVRATNI VENTILI

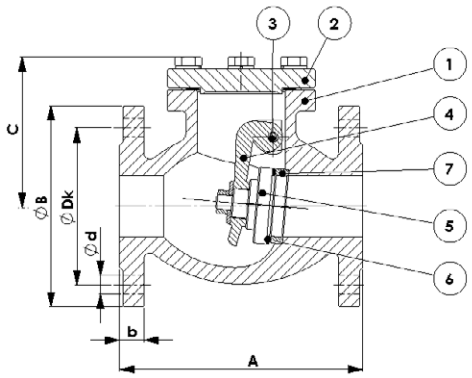
-

CHECK VALVES

NEPOVRATNI VENTIL, SWING, PRIROBNIČNI /
SWING CHECK VALVE

// Delovna temperatura / Working temperature: 0 °C /+120 °C





Materiali / Materials

1	Ohišje Body	Siva litina – EN-GJL-250 (GG25) Cast iron – EN-GJL-250 (GG25)	5	Disk Disc	Siva litina – EN-GJL-250 (GG25) Cast iron – EN-GJL-250 (GG25)
2	Pokrov Bonnet	Siva litina – EN-GJL-250 (GG25) Cast iron – EN-GJL-250 (GG25)	6	Tesnilo diska Disc ring	EPDM
3	Os Hanger pin	Medenina Brass	7	Tesnilo ohišja Body ring	Medenina Brass
4	Nosilec diska Hanger	Nodularna litina – EN-GJS-400-15 (GGG40) Ductile iron – EN-GJS-400-15 (GGG40)			

PN16

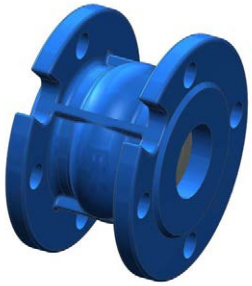
Art.	DN	A	ØB	b	C	ØDk	n-Ød	Teža / Weight [kg]
A031146	40	180	150	18	118	110	4-18	11,5
A030846	50	200	165	20	120	125	4-18	13,6
A031147	65	240	185	20	125	145	4-18	21,0
A031148	80	260	200	22	147	160	8-18	26,5
A030855	100	300	220	24	158	180	8-18	32,0
A030854	125	350	250	26	188	210	8-18	45,0
A030853	150	400	285	26	193	240	8-23	71,5
A030852	200	500	340	30	250	295	12-23	95,0
A031548	250	600	405	32	300	355	12-27	139,0
A031549	300	700	460	32	342	410	12-27	193,0

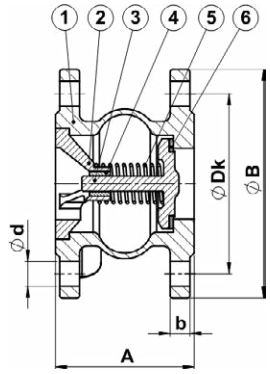
Opombe
Vgradna dolžina ustreza standardu EN558-1 serija 48 (DIN3202 F6).

Notes
Face to face dimensions conform to EN558-1 Series 48 (DIN3202 F6).

NEPOVRATNI VENTIL, SILENT, PRIROBNIČNI / SILENT CHECK VALVE

// Delovna temperatura / Working temperature: 0 °C /+100 °C





Materiali / Materials

1	Ohišje Body	Siva litina – EN-GJL-250 (GG25) Cast iron – EN-GJL-250 (GG25)	4	Puša Bushing	Medenina Brass
2	Nosilec vretena Guide	Siva litina – EN-GJL-250 (GG25) Cast iron – EN-GJL-250 (GG25)	5	Vzmet Spring	Nerjavno jeklo – X5CrNi18-10 (A304) Stainless steel – X5CrNi18-10 (A304)
3	Vreteno in disk Guiding stem	Siva litina – EN-GJL-250 (GG25) Cast iron – EN-GJL-250 (GG25)	6	Tesnilo Seal	EPDM

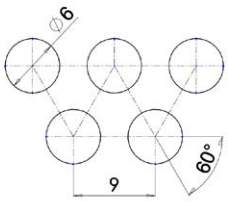
PN16

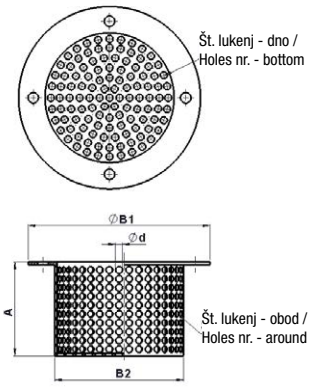
Art.	DN	A	ØB	ØDk	b	n-Ød	Teža / Weight [kg]
A002206	50	100	165	125	18	4-18	5,7
A002207	65	120	185	145	20	4-18	8,7
A002208	80	140	200	160	20	8-18	10,8
A002209	100	170	220	180	22	8-18	13,5
A002210	125	200	250	210	24	8-18	21,0
A002211	150	230	285	240	26	8-18	30,0
A002212	200	300	340	295	26	12-23	49,0
A031285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

SESALNI KOŠ ZA NEPOVRATNI VENTIL / STRAINER FOR SILENT CHECK VALVE









Materiali / Materials

1	Ohišje Body	Pocinkano jeklo Galvanized steel

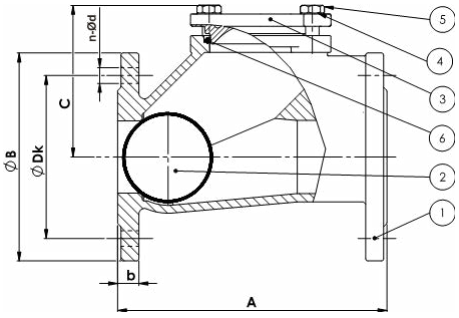
PN16

Art.	DN	A	B1	B2	d	Št lukenj - obod / Holes nr. - around	Št. Lukenj - dno / Holes nr. - bottom	Teža / Weight [kg]
A034093	50	80	155	110	6	360	125	0,40
A034094	65	100	176	131	6	535	180	0,70
A034095	80	120	192	148	6	725	225	0,80
A034096	100	150	212	168	6	1030	290	1,00
A034097	125	175	242	198	6	1410	400	1,50
A034098	150	200	276	222	6	1810	505	2,70
A034099	200	245	327	278	6	2860	845	3,50
A034100	250	300	385	329	6	4145	1180	4,50
A043385	300	350	445	384	6	5640	1610	5,50

NEPOVRATNI VENTIL, KROGLIČNI, PRIROBNIČNI /
BALL CHECK VALVE, FLANGED

// Delovna temperatura / Working temperature: 0 °C /+70 °C





Materiali / Materials

1	Ohišje Body	Nodularna litina – EN-GJS-400-15 (GGG40) Ductile iron – EN-GJS-400-15 (GGG40)	4	Podložka Washer	Ogljikovo jeklo Carbon steel zinc plated
2	Krogla Ball	Aluminij prevlečen z NBR (DN50 – DN150) Jeklo prevlečeno z NBR (DN200) Aluminium NBR wrapped (DN50 – DN150) Steel NBR wrapped (DN200)	5	Vijaki Bolt	Ogljikovo jeklo Carbon steel zinc plated
3	Pokrov Bonnet	Nodularna litina – EN-GJS-400-15 (GGG40) Ductile iron – EN-GJS-400-15 (GGG40)	6	O-Obroč O-Ring	NBR

PN16

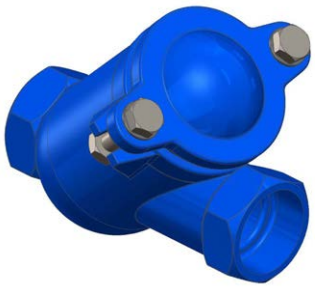
Art.	DN	A	ØB	C	ØDk	b	n-Ød	Teža / Weight [kg]
A036460	50	200	165	109	125	20	4-18	7,4
A036461	65	240	185	130	145	20	4-18	11,0
A036462	80	260	200	147	160	22	8-18	15,0
A036463	100	300	220	186	180	24	8-18	22,0
A036464	125	350	250	215	210	26	8-18	34,0
A036465	150	400	285	250	240	26	8-22	45,5
A036466	200	500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

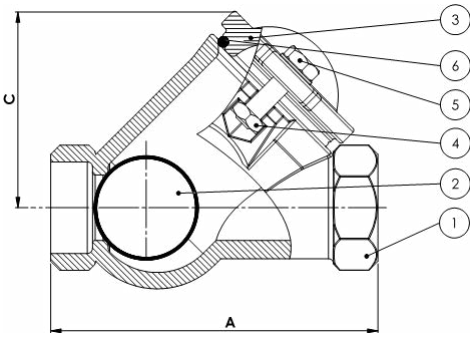
Opombe
Vgradna dolžina ustreza standardu EN558-1 serija 48 (DIN3202 F6).

Notes
Face to face dimensions conform to EN558-1 Series 48 (DIN3202 F6).

NEPOVRATNI VENTIL, KROGLIČNI, NAVOJNI / BALL CHECK VALVE, THREADED

// Delovna temperatura / Working temperature: 0 °C /+70 °C





Materiali / Materials

1	Ohišje Body	Nodularna litina – EN-GJS-400-15 (GGG40) Ductile iron – EN-GJS-400-15 (GGG40)	4	Matice Nut	Ogljikovo jeklo Carbon steel zinc plated
2	Krogla Ball	Aluminij prevlečen z NBR Aluminium NBR wrapped	5	Vijaki Bolt	Ogljikovo jeklo Carbon steel zinc plated
3	Pokrov Cover	Nodularna litina – EN-GJS-400-15 (GGG40) Ductile iron – EN-GJS-400-15 (GGG40)	6	O-Obroč O-Ring	NBR

PN16

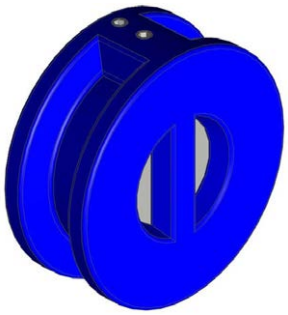
Art.	DN	A	C	Teža / Weight [kg]
A036454	1”	125,0	79	1,35
A036455	1 1/4”	132,5	74	1,40
A036456	11/2”	145,5	88	2,00
A036457	2”	174,0	114	3,35
A036458	2 1/2”	199,7	134	5,50
A036459	3”	242,5	165	10,55

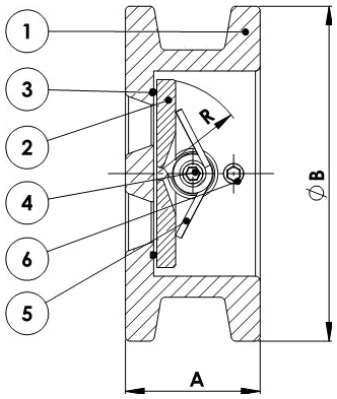
Opombe
Navoj po BSP.

Notes
Threaded according to BSP.

NEPOVRATNA LOPUTA Z DVOJNIM DISKOM, MEDPRIROBNIČNA / WAFER DOUBLE DISC CHECK VALVE

// Delovna temperatura / Working temperature: 0 °C /+100 °C





Materiali / Materials

1	Ohišje Body	Siva litina – EN-GJL-250 (GG25) Cast iron – EN-GJL-250 (GG25)	4	Os Axle	Nerjavno jeklo – X5CrNi18-10 (A304) Stainless steel – X5CrNi18-10 (A304)
2	Disk Disc	Nerjavno jeklo – X5CrNi18-10 (A304) Stainless steel – X5CrNi18-10 (A304)	5	Vzmet Spring	Nerjavno jeklo – X5CrNi18-10 (A304) Stainless steel – X5CrNi18-10 (A304)
3	Tesnilo Seat gasket	EPDM	6	Tesnilo Seal	EPDM

PN16

Art.	DN	A	ØB	R	Teža / 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

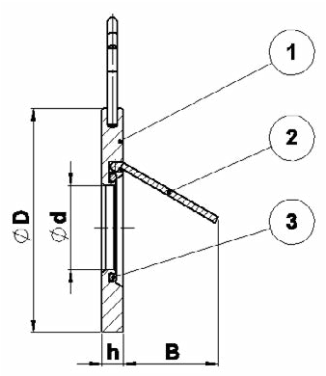
Opombe
DN50–DN300 so na voljo tudi za vgradnjo med prirobnicami PN10.

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

NEPOVRATNA LOPUTA, SWING, MEDPRIROBNIČNA / WAFER SWING CHECK VALVE

// Delovna temperatura / Working temperature: 0 °C /+100 °C





Materiali / Materials

1	Ohišje Body	Pocinkano ogljikovo jeklo – A105 Galvanized carbon steel – A105
2	Disk Disc	Nerjavno jeklo – X5CrNi18-10 (A304) Stainless steel – X5CrNi18-10 (A304)
3	O-Obroč O-Ring	NBR

PN16

Art.	DN	B	ØD	h	Ød	Teža / 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
A959109	250	191	330	29	190	13,80

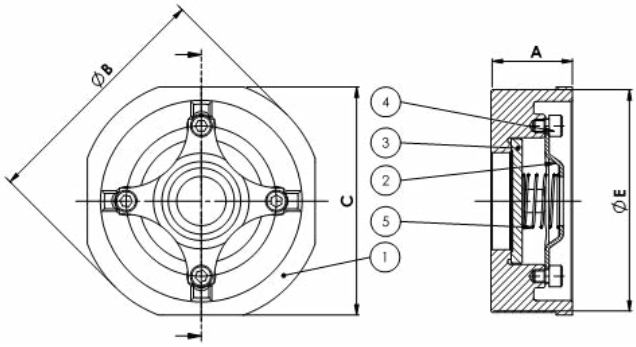
Opombe
Vse dimenzije so na voljo tudi za vgradnjo med prirobnicami PN10.
Možnosti O-obroča: EPDM, VITON

Notes
Suitable for installation between flanges drilled according to PN10.
O-rings options: EPDM, VITON

NEPOVRATNI VENTIL, NERJAVNI, MEDPRIROBNIČNI / WAFER SPRING CHECK VALVE, STAINLESS STEEL

// Delovna temperatura / Working temperature: 0 °C /+300 °C





Materiali / Materials

1	Ohišje Body	Nerjavno jeklo –GX5CrNiMo19-11-2 (A316) Stainless steel – GX5CrNiMo19-11-2 (A316)
2	Pokrov vzmeti Spring cover	Nerjavno jeklo –GX5CrNiMo19-11-2 (A316) Stainless steel – GX5CrNiMo19-11-2 (A316)
3	Vzmet Spring	Nerjavno jeklo –GX5CrNiMo19-11-2 (A316) Stainless steel – GX5CrNiMo19-11-2 (A316)
4	Vijaki Bolt	Nerjavno jeklo –GX5CrNiMo19-11-2 (A316) Stainless steel – GX5CrNiMo19-11-2 (A316)
5	Disk Disc	Nerjavno jeklo –GX5CrNiMo19-11-2 (A316) Stainless steel – GX5CrNiMo19-11-2 (A316)

PN40

Art.	DN	A	ØB	C	ØE	Teža / 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
A111046	125	90	187	-	174	6,70
A111047	150	106	217	-	198	10,10

Opombe

Vgradna dolžina ustreza standardu EN558-1 serija 49.
Vse dimenzije so na voljo tudi za vgradnjo med prirobnicami PN10, PN16, PN25 in PN40.

Notes

Face to face dimensions conform to EN558-1 series 49.
Suitable for installation between flanges drilled according to PN10, PN16, PN25 and PN40.



GUMI KOMPENZATORJI

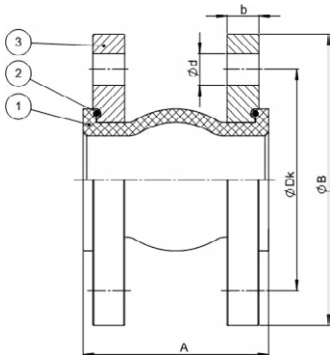
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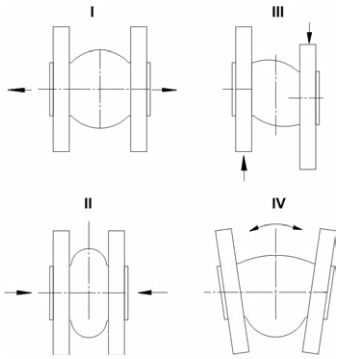
RUBBER FLEXIBLE JOINTS

GUMI KOMPENZATOR, PRIROBNIČNI /
RUBBER FLEXIBLE JOINT, FLANGED

// Delovna temperatura / Working temperature: 0 °C /+100 °C







Materiali / Materials

1	Ohišje Body	EPDM
2	Žica Wire	Jeklo Steel
3	Prirobnica Flange	Ogljikovo jeklo Carbon steel

PN10

Art.	DN	A	ØB	b	ØDk	n-Ød	I	II	III	IV	Teža / Weight [kg]
A008696	32	95	140	16	100	4–18	6	9	9	15°	2,99
A008697	40	95	150	16	110	4–18	6	10	9	15°	3,63
A008698	50	105	165	18	125	4–18	7	10	10	15°	4,23
A008699	65	115	185	18	145	4–18	7	13	11	15°	5,36
A008700	80	135	200	20	160	8–18	8	15	12	15°	6,27
A008701	100	150	220	20	180	8–18	10	19	13	15°	6,94
A008702	125	165	250	22	210	8–18	12	19	13	15°	9,55
A008703	150	180	285	22	240	8–18	12	20	14	15°	12,95
A044006	200	205	340	24	295	8–22	16	25	22	15°	17,24
A044007	250	230	395	26	350	12–22	16	25	22	15°	23,75
A044008	300	245	445	26	400	12–22	16	25	22	15°	32,75
A008707	350	265	505	26	460	16-22	16	25	22	15°	41,3

PN16

Art.	DN	A	ØB	b	ØDk	n-Ød	I	II	III	IV	Teža / Weight [kg]
A008696	32	95	140	16	100	4–18	6	9	9	15°	2,99
A008697	40	95	150	16	110	4–18	6	10	9	15°	3,63
A008698	50	105	165	18	125	4–18	7	10	10	15°	4,23
A008699	65	115	185	18	145	4–18	7	13	11	15°	5,36
A008700	80	135	200	20	160	8–18	8	15	12	15°	6,27
A008701	100	150	220	20	180	8–18	10	19	13	15°	6,94
A008702	125	165	250	22	210	8–18	12	19	13	15°	9,55
A008703	150	180	285	22	240	8–18	12	20	14	15°	12,95
A008704	200	205	340	24	295	12–22	16	25	22	15°	17,24
A008705	250	230	405	26	355	12–22	16	25	22	15°	23,75
A008706	300	245	460	28	410	12–26	16	25	22	15°	32,75
A044001	350	255	520	30	470	16–26	16	25	22	15°	42
A044002	400	255	580	32	525	16–30	16	25	22	15°	50
A044003	450	255	640	32	585	20–30	16	25	22	15°	62
A044004	500	255	715	34	650	20–33	16	25	22	15°	84
A044005	600	260	840	38	770	20–36	16	25	22	15°	105

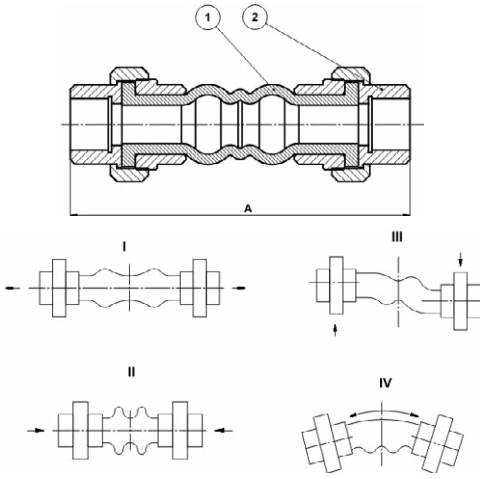
Opombe
I – Raztezek v mm.
II – Skrček v mm.
III –Strig v mm.
IV – Upogib v stopinjah.
Številke artiklov od DN32–DN150 so enake za PN10 in PN16 in so vedno navedene kot PN16.

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.

GUMI KOMPENZATOR, NAVOJNI /
RUBBER FLEXIBLE JOINT, THREADED

// Delovna temperatura / Working temperature: 0 °C /+100 °C





Materiali / Materials

1	Ohišje Body	EPDM
2	Holandec Union	Pocinkana siva litina – EN-GJL-250 (GG25) Galvanized cast iron – EN-GJL-250 (GG25)

PN16

Art.	DN	A	I	II	III	IV	Teža / Weight [kg]
A030892	20 3/4”	200	5	22	22	30°	0,75
A030893	25 1”	200	5	22	22	30°	1,23
A030895	32 1 1/4”	200	5	22	22	30°	1,51
A030894	40 11/2”	200	5	22	22	30°	2,1
A030896	50 2”	200	5	22	22	20°	2,71
A030897	65 2 1/2”	240	8	24	24	15°	3,98
A030898	80 3”	240	8	24	24	15°	5,7

Opombe
I – Raztezek v mm.
II – Skrček v mm.
III –Strig v mm.
IV – Upogib v stopinjah.

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

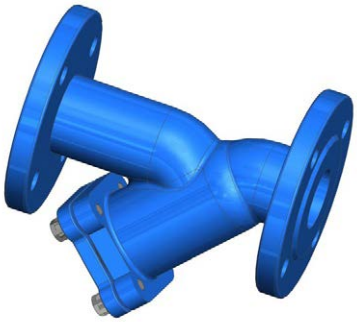
LOVILEC NESNAGE

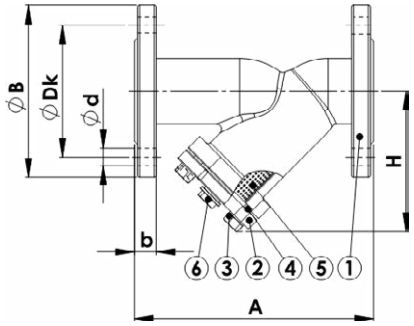
-

DIRT STRAINER

LOVILEC NESNAGE /
DIRT STRAINER

// Delovna temperatura / Working temperature: 0 °C /+120 °C





Materiali / Materials

1	Ohišje Body	Siva litina – EN-GJL-250 (GG25) Cast iron – EN-GJL-250 (GG25)	4	Tesnilo Gasket	Grafitno jeklo Graphite steel
2	Pokrov Bonnet	Siva litina – EN-GJL-250 (GG25) Cast iron – EN-GJL-250 (GG25)	5	Mrežica Wire mesh	Nerjavno jeklo – X5CrNi18-10 (A304) Stainless steel – X5CrNi18-10 (A304)
3	Vijaki Bolt	Pocinkano jeklo Galvanized steel	6	Izpust Plug	Pocinkano jeklo Galvanized steel

PN10

Art.	DN	A	ØB	b	ØDk	n-Ød	H	Teža / Weight [kg]
A111354	200	600	340	20	295	8-23	316	52,0
A111355	250	730	395	22	350	12-23	438	100,0
A111356	300	850	445	24	400	12-23	455	130,0

PN16

Art.	DN	A	ØB	b	ØDk	n-Ød	H	Teža / Weight [kg]
A002256	15	130	95	14	65	4-14	74	3,0
A002255	20	150	105	16	75	4-14	90	3,5
A002254	25	160	115	16	85	4-14	95	4,0
A002253	32	180	140	18	100	4-19	119	5,0
A002252	40	200	150	18	110	4-19	130	6,0
A002251	50	230	165	19	125	4-19	145	7,5
A002250	65	290	185	19	145	4-19	160	10,0
A002249	80	310	200	19	160	8-19	185	11,0
A002248	100	350	220	19	180	8-19	225	16,5
A002247	125	400	250	19	210	8-19	268	28,0
A002246	150	480	285	19	240	8-23	295	33,0
A002245	200	600	340	20	295	12-23	316	52,0
A012214	250	730	405	22	355	12-28	438	100,0
A012215	300	850	460	24	410	12-28	455	130,0

Opombe
Vgradna dolžina ustreza standardu EN558-1 serija 1 (DIN3202 F1).
Mrežica: Perforirana pločevina

Notes
Face to face dimensions conform to EN558-1 series 1 (DIN3202 F1).
Wire mesh: Perforated steel sheet

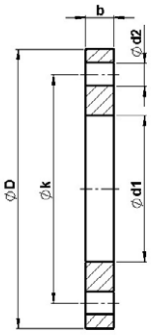
PRIROBNICE

-

FLANGES

RAVNE PRIROBNICE /
FLAT FLANGE





Materiali / Materials

1	Ohišje Body	Jeklo St.37.2, S235JR Steel St.37.2, S235JR

EN 1092-1 01A / DIN 2576 PN10

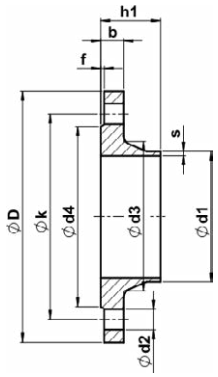
Art.	DN	b	ØD	Ød1	Ød2	Øk	Št. / Nr.	Navoj / Thread	Teža / Weight [kg]
A044836	200	26	340	219,1	22	295	8	M20	10,10
A044837	250	28	395	273,0	22	350	12	M20	12,90
A044838	300	28	445	323,9	22	400	12	M20	14,80
A059835	350	30	505	355,6	22	460	16	M20	22,00
A059836	400	32	565	406,4	25	515	16	M24	28,00
A059837	450	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

EN 1092-1 01A / DIN 2577 PN16

Art.	DN	b	ØD	Ød1	Ød2	Øk	Št. / Nr.	Navoj / Thread	Teža / 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	139,7	18	210	8	M16	5,92
A065586	150 (159)	24	285	159,0	22	240	8	M20	7,17
A035652	150 (168)	24	285	168,3	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

GRLATE PRIROBNICE /
NECK FLANGE





Materiali / Materials

1	Ohišje Body	Ogljikovo jeklo – C22.8 Carbon steel – C22.8

EN 1092-1 11B / DIN 2631 PN6

Art.	DN	b	ØD	Ød1	Ød2	Ød3	Ød4	h1	f	Øk	s	Št. / Nr.	Navoj / Thread	Teža / 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

EN 1092-1 11B / DIN 2632 PN10

Art.	DN	b	ØD	Ød1	Ød2	Ød3	Ød4	h1	f	Øk	s	Št. / Nr.	Navoj / Thread	Teža / 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

Za dimenzije od DN15 do DN150 glejte PN16. / For dimensions DN15 to DN150 see PN16.

EN 1092-1 11B / DIN 2633 PN16

Art.	DN	b	ØD	Ød1	Ød2	Ød3	Ød4	h1	f	Øk	s	Št. / Nr.	Navoj / Thread	Teža / 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

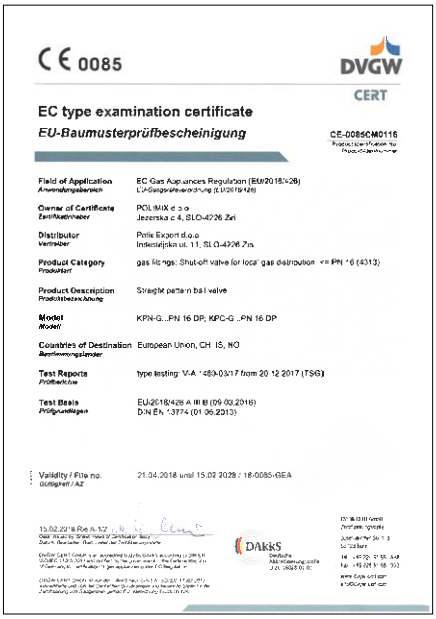
EN 1092-1 11B / DIN 2634 PN25

Art.	DN	b	ØD	Ød1	Ød2	Ød3	Ød4	h1	f	Øk	s	Št. / Nr.	Navoj / Thread	Teža / 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

Za dimenzije od DN15 do DN150 glejte PN40. / For dimensions DN15 to DN150 see PN40.

EN 1092-1 11B / DIN 2635 PN40

Art.	DN	b	ØD	Ød1	Ød2	Ød3	Ød4	h1	f	Øk	s	Št. / Nr.	Navoj / Thread	Teža / 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



CE 0085

DVGW CERT

EC type examination certificate

EU-Baumusterprüfbescheinigung

CE-0085CM0116

Field of Application / Anwendungsbereich	EC Gas Appliances Regulation (EU)2016/426) / (EU-Gasgeräteverordnung (EU)2016/426)
Owner of Certificate / Zertifikatinhaber	POLIMIX d.o.o. Jezerska c 4, SLO-4226 Žiri
Distributor / Vertreiber	Polix Export d.o.o. Industrijska ul. 11, SLO-4226 Žiri
Product Category / Produktart	gas fittings: Shut-off valve for local gas distribution <= PN 16 (4313)
Product Description / Produktbezeichnung	Straight pattern ball valve
Model / Modell	KPN-G...PN 16 DP; KPC-G ...PN 16 DP
Countries of Destination / Bestimmungsländer	European Union, CH, IS, NO
Test Reports / Prüfberichte	type testing: V-A 1480-03/17 from 20.12.2017 (TSG)
Test Basis / Prüfgrundlagen	EU-2016/426 A III 8 (09.03.2016) DIN EN 13774 (01.06.2013)
Validity / File no. / Gültigkeit / AZ	21.04.2018 until 15.02.2028 / 18-0085-GEA

15.02.2018 Rek A-1/2

DAkkS



DVGW CERT

DIN-DVGW-Baumusterprüfzertifikat

DIN-DVGW type examination certificate

NG-4313AT0439

Anwendungsbereich / field of application	Produkte der Gasversorgung / products of gas supply
Zertifikatinhaber / owner of certificate	POLIMIX ZIRI, d.o.o. Strojarska ulica 4, SLO-4226 Žiri
Vertreiber / distributor	Polix Export d.o.o. Industrijska ul. 11, SLO-4226 Žiri
Produktart / product category	Gasarmaturen: Absperrarmatur <= PN 16 (4313)
Produktbezeichnung / product description	Absperrkugelhahn in Durchgangsform
Modell / model	KPN-G...PN 16 DP; KPC-G...PN 16 DP
Prüfberichte / test reports	Baumusterprüfung: 20-00036-434 vom 29.04.2020 (EBI) Kontrollprüfung Labor: 20-00036-KP05-434 vom 04.09.2024 (EBI) Ergänzungsprüfung: B 25/124888 vom 13.01.2026 (DBI)
Prüfgrundlagen / test basis	DIN EN 13774 (01.05.2013) DVGW CERT ZP 4110 (12.03.2024)
Ablaufdatum / AZ / date of expiry / file no.	30.11.2029 / 25-0757-GNA

17.04.2026 Sck A-1/2

DAkkS



DVGW CERT

DIN-DVGW-Baumusterprüfzertifikat

DIN-DVGW type examination certificate

NG-4314CU0410

Anwendungsbereich / field of application	Produkte der Gasversorgung / products of gas supply
Zertifikatinhaber / owner of certificate	POLIMIX ZIRI, d.o.o. Strojarska ulica 4, SLO-4226 Žiri
Vertreiber / distributor	Polix Export d.o.o. Industrijska ul. 11, SLO-4226 Žiri
Produktart / product category	Gasarmaturen: Absperrarmatur > PN 16 (4314)
Produktbezeichnung / product description	Kugelhahn in Durchgangsform für den Gastransport und Gasanlagenbau
Modell / model	KPV-G DN
Prüfberichte / test reports	Kontrollprüfung Labor: 23-00042-KP01-434 vom 15.01.2024 (EBI) Baumusterprüfung: 19-049/4314/434 vom 08.11.2019 (EBI)
Prüfgrundlagen / test basis	DIN EN 14141 (01.06.2013)
Ablaufdatum / AZ / date of expiry / file no.	08.11.2029 / 24-0458-GNV

20.10.2024 GE A-1/2

DAkkS



DVGW CERT

DIN-DVGW-Baumusterprüfzertifikat

DIN-DVGW type examination certificate

NG-4313CU0414

Anwendungsbereich / field of application	Produkte der Gasversorgung / products of gas supply
Zertifikatinhaber / owner of certificate	POLIMIX ZIRI, d.o.o. Strojarska ulica 4, SLO-4226 Žiri
Vertreiber / distributor	Polix Export d.o.o. Industrijska ul. 11, SLO-4226 Žiri
Produktart / product category	Gasarmaturen: Absperrarmatur <= PN 16 (4313)
Produktbezeichnung / product description	Kugelhahn in Durchgangsform für die Gasverteilung
Modell / model	KPV-G DN
Prüfberichte / test reports	Kontrollprüfung Labor: 19-00176-KP03-434 vom 15.01.2024 (EBI) Baumusterprüfung: 19-049/4314/434 vom 08.11.2019 (EBI)
Prüfgrundlagen / test basis	DIN EN 13774 (01.05.2013)
Ablaufdatum / AZ / date of expiry / file no.	08.11.2029 / 24-0458-GNV

30.10.2024 Cg A-1/2

DAkkS



AGA CERTIFIED PRODUCT

Certificate Holder: POLIX EXPORT d.o.o

ABN/ACN No. (if applicable): N/A

Agent (if applicable): All Valve Industries Pty Ltd

Type of Component: Manual Shut-off Valve Ball Valve
Temperature Range: -20°C to 60°C
Rated Working Pressure: 1600kPa

Model No. & Description: Polix
KPC-G Series

KPC-G	DN32	KPC-G	DN40	KPC-G	DN50
KPC-G	DN65	KPC-G	DN80	KPC-G	DN100
KPC-G	DN125	KPC-G	DN150	KPC-G	DN200

Relevant Standard(s): AS 4617 – 2018 (Including Amendment 2)
Manually operated gas valves

This is to certify that the particular COMPONENT specifically described herein and supplied to The Australian Gas Association (hereafter called the AGA) by the Certificate Holder named above has been subject to "type-testing" and assessed by the AGA to comply with the requirements of the AGA's Product Certification Scheme for Type Tested Gas Products.

This Certificate is issued on the express conditions that:

(i) The Certificate Holder undertakes to comply with the Rules Governing The AGA's Product Certification Scheme (hereafter called the Rules Governing);

(ii) This Certificate remains the property of the AGA; and

(iii) The AGA reserves the right to cancel this Certificate in accordance with the Rules Governing, and in such an event the Certificate Holder undertakes to surrender the Certificate to the AGA upon request.

Chief Manager

Certificate Authorised

Certificate first issued: 02 September 2009
Certificate No: 7517
This copy valid from: 15 November 2025
Refer specification issue: 07



Bureau Veritas Certification

POLIMIX, Žiri, d.o.o.

Strojarska ulica 4, 4226 Žiri, Slovenia

Bureau Veritas Certification Holding SAS - UK Branch certifies that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards detailed below

ISO 9001:2015

Scope of certification

Development and production of ball valves and armatures as well as sales of other metallic products and services.

Original cycle start date: 08-02-2011
Expiry date of previous cycle: 30-11-2024
Certification / Recertification Audit date: 27-09-2024
Certification / Recertification cycle start date: 01-12-2024
Subject to the continued satisfactory operation of the organisation's Management System, this certificate expires on: 30-11-2027

Certificate No.: SI011596 Version: 1 Issue date: 25-11-2024

UKAS MANAGEMENT SYSTEMS 0008

Signed on behalf of BVCH SAS UK Branch

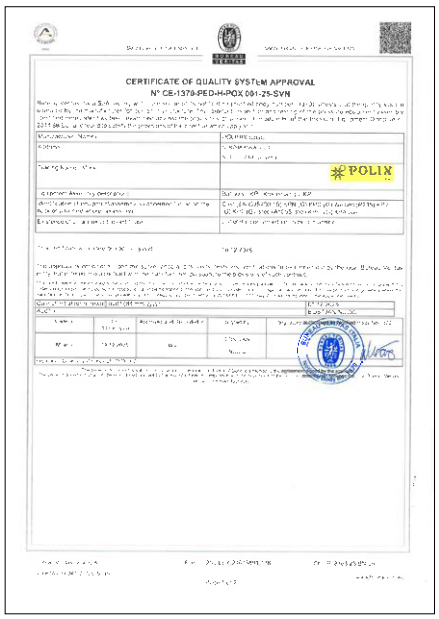
Certification Body Address: 5th Floor, 100 Lower Thames Street, London, EC3R 6DL, United Kingdom

Local office: Linhartova cesta 49a, SI - 1000 Ljubljana, Slovenia

Further clarifications regarding the scope and validity of this certificate, and the applicability of the management system requirements, please call: +386 1 47 57 670

UKAS Certificate Template Single Site Rev. 4.2 30 Sep 2024

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CERTIFICATE OF QUALITY SYSTEM APPROVAL

N° CE-1378-PED-H-POX 091-25-SVN



WRAS APPROVED PRODUCT

This certifies that

POLIMIX D.O.O

has had the undermentioned product(s) examined, tested and certified as being of an appropriate quality and standard as required in the Water Supply (Water Fittings) Regulations and Scottish Water Byelaws, subject to scheme requirements being met when installed.

Model Numbers

POLIX DN50 – DN300 RANGE OF GATE VALVES

The certificate by itself is not evidence of a valid WRAS Approval. Confirmation of the current status of an approval must be obtained from the WRAS Approvals Directory (www.wras.co.uk/directory)

The product so mentioned will be valid until the end of:

May 2028

Certificate No.

2305077

Ian Hughes,
WRAS Approvals Manager

Vsi podatki in tehnične informacije so zgolj informativne narave.
Dobavitelj si pridržuje pravico do sprememb in izboljšav brez predhodne napovedi.
Morebitne napake niso izključene.

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