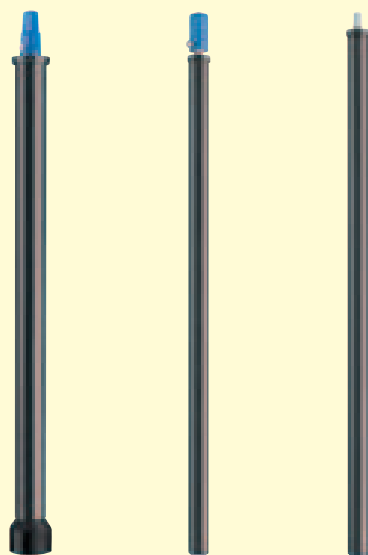


LADA Solid Extension

for operating of underground valves



JIHOMORAVSKÁ ARMATURKA spol.s r.o.



Types A, B and C for cover depths Rd 1m, 1,25m and 2m.

OFFER

LADA	Operated Valve	Cover Depth Rd (m)	Nominal Size DN of Operated Valve						
			to the 32	40 and 50	65 and 80	100 up to 150	200	250 up to 350	400
Type A	Gate Valves	1		■	■	■	■	■	
	BETA-PZ, BETA-Z,	1,25		■	■	■	■	■	
	BETA-Zz, EKO,	1,5		■	■	■	■	■	
	EKO AquaFast	2		■	■	■	■	■	
Type B	Gate Valves BETA-K,	1				■			
	BETA-P, BETA-Z,	1,25				■			
	Tapping Bridges HOD	1,5				■			
	with Gate Valves	2				■			
Type C	Ball Valves	1				■			
	K246-K, K248-Z,	1,25				■			
	Tapping Bridges HOD	1,5				■			
	with Gate Valves	2				■			

Order example: LADA type A Rd 1,5 DN 125; LADA type B Rd 1,25

DESCRIPTION

Determination

For operating of underground valves, to be built-in terrain or roads.

Application

Type A – for Gate Valves BETA-PZ, BETA-Z, BETA-ZZ, EKO and EKO AquaFast.

Type B – for Gate valves BETA-K, BETA-P, BETA-Z, Tapping Bridges HOD with Gate Valves

Type C – for Ball Valves K246-K, K248-Z, Tapping Bridges HOD with Ball Valves

Materials of Main Parts

Taper square adapter and coupling are from ductile cast iron, extension bar from steel, pin from stainless steel 17 %Cr. Cover and protection pipe are from plastic.

Corrosion Protection

Metal parts outside painted with powder coating.

Operation

By means of valve key.

Types A and B – closure is closed when turning the closing key clockwise.

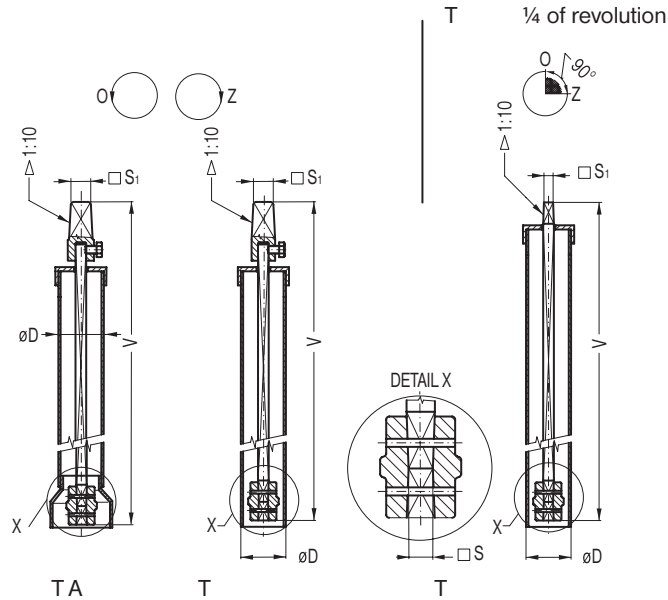
Type C – closure is closed when turning the closing key by 90° clockwise.

Installation and Maintenance

Make a decision of the necessary length of extension bar as well as protection pipe at a work site (make shortening separately for extension and pipe). Dismount the taper square adapter and pull-out the pin from the coupling at types A and B. Put extension bar with coupling on the valve to be operated. Adjust holes for pin in coupling and stem of valve to the same position and fix the pin in this hole. Do it carefully. Put on protecting plastic pipe and cover, at types A and B also taper square adapter. Adjust recess for screw in extension bar and in taper square adapter to the same position and tighten the screw well. Put the protecting pipe on the valve carefully. It is necessary to observe alignment of extension with a stem of valve even after the valve is covered by earth. Protect the end of extension by Street Cover.

Modifications are possible upon agreement.

DIMENSIONS (mm)



LADA	Operated Valve	Nominal Size	Cover Depth Rd (m)	D	s	s ₁	V	Weight (kg)
Type A	Gate Valves BETA-PZ, BETA-Z, BETA-Zz, EKO a EKO AguaFast	DN 40 and DN 50	1	63	14	27	700	2,9
			1,25				950	3,7
			1,5				1200	4,5
			2				1700	6,1
		DN 65 and DN 80	1	63	17	27	670	2,9
			1,25				920	3,7
			1,5				1170	4,5
			2				1670	6,1
		DN 100 up to DN 150	1	63	19	27	600	4,1
			1,25				850	5,5
			1,5				1100	6,9
			2				1600	9,7
		DN 200	1	75	24	27	515	4,2
			1,25				765	5,6
			1,5				1015	7,0
			2				1515	9,8
DN 250 up to DN 350	1	75	32	27	410	5,3		
	1,25				660	7,2		
	1,5				910	9,1		
	2				1410	12,9		
Type B	Gate Valves BETA-K, BETA-P, BETA-Z ¹⁾ and Tapping Bridges HOD with Gate Valves	all DN manufactured	1	40	12	27	820	2,3
			1,25				1070	2,8
			1,5				1320	3,3
			2				1820	4,3
Type C	Ball Valves K246-K, K248-Z and Tapping Bridges HOD with Ball Valves	all DN manufactured	1	40	12	12	870	2,0
			1,25				1120	2,5
			1,5				1370	3,0
			2				1870	4,0

¹⁾BETA Z DN 25 and DN 32 only.

STREET COVERS, SETS FOR UNDERGROUND INSTALLATION

13

KAT 54 85-A Part 1, edition 1.

Manufacturer: Jihomoravská armaturka spol. s r. o.

Group:

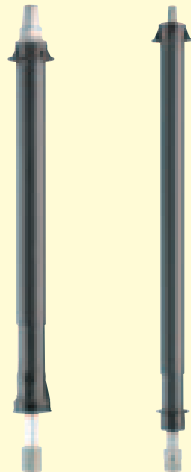


**VAG-
Armaturen
GmbH**

Bopp & Reuther
Group

PATENT Telescopic Extension

for operating of underground valves



JIHOMORAVSKÁ ARMATURKA spol.s r.o.



Types AT, BT and CT are for adjustable cover depth Rd according to the offer.

OFFER

PATENT	Operated Valve	Cover Depth Rd (m)	Nominal Size DN of Operated Valve						
			to the 32	40 and 50	65 and 80	100 up to 150	200	250 up to 350	400
Type AT	Gate Valves BETA-PZ, BETA-Z, BETA-Zz, EKO, EKO AquaFast	1 up to 1,4		■	■	■	■	■	
		1,2 up to 1,8		■	■	■	■	■	
		1,7 up to 2,7		■	■	■	■	■	
		1,5 up to 1,8							■
		1,8 up to 2,6							■
Type BT	Gate Valves BETA-K, BETA-P, BETA-Z, Tapping Bridges HOD with Gate Valves	1 up to 1,4				■			
		1,2 up to 1,8				■			
		1,7 up to 2,7				■			
Type CT	Ball Valves K246-K, K248-Z, Tapping Bridges HOD with Ball Valves	1 up to 1,4				■			
		1,2 up to 1,8				■			
		1,7 up to 2,7				■			

Order example: PATENT type AT Rd 1 up to 1,4 DN 125; PATENT type BT Rd 1,2 up to 1,8

DESCRIPTION

Determination

For operating of underground valves, to be built-in terrain or roads.

Application

Type AT – for Gate Valves BETA-PZ, BETA-Z, BETA-ZZ, EKO and EKO AquaFast

Type BT – for Gate valves BETA-K, BETA-P, BETA-Z, Tapping Bridges HOD with Gate Valves

Type CT – for Ball Valves K246-K, K248-Z, Tapping Bridges HOD with Ball Valves. Red indicating label signalises that closure is to be turned by 90° only.

Materials of Main Parts

Taper square adapter and coupling are from ductile cast iron, extension bar from steel – at type AT for DN 400 from stainless steel, pin from stainless steel 17 %Cr. Top, washer, cover, upper and lower protection pipe and supporting board are from plastic.

Corrosion Protection

Metal parts zinc plated – except for stainless steel parts.

Operation

By means of valve key.

Types AT and BT – closure is closed when turning the closing key clockwise.

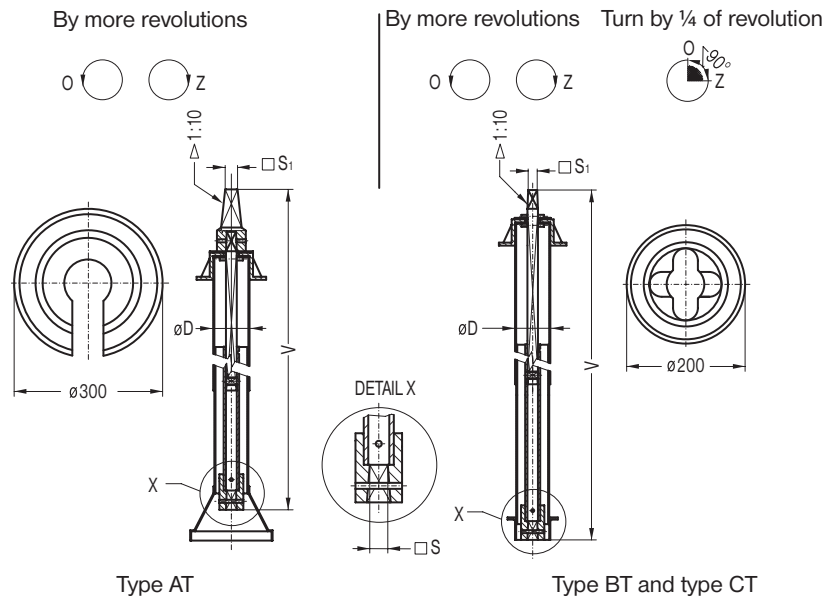
Type CT – closure is closed when turning the closing key by 90° clockwise.

Installation and Maintenance

Pull the lower protecting pipe totally out. Run out a square pipe to the stop and pull a pin out of coupling. Put the lower protecting pipe totally back and fasten it in this position. Adjust holes for pin in coupling and stem of valve to the same position and fix the pin in this hole. Do it carefully. Release lower protection pipe and put it on the valve carefully. Adjust the top of extension in the approximate future position of Street Cover. Make partial covering of excavation by small material (earth, etc). It is necessary to observe alignment of extension with a stem of valve even after the valve is covered by earth. Trample down this partial covering in excavation. Protect inside space of telescopic extension from earth. It is not allowed to lift the lower protection pipe after the excavation is partially covered – so keep it by hand for sure when adjusting the final length. Then finish covering of the excavation. Put on the supporting board (it is recommended to use it) from side under the top of extension at type AT. Slip on the supporting board under the top of extension and turn it by 90° at types BT and CT. Hang the telescopic extension in a groove of supporting board. Set the supporting board horizontally in final position (height). Protect the end of extension by Street Cover. Distance of a face of the end of extension from upper edge of Street cover should be 100 to 200 mm. Make a terrain gradient out of the Street cover.

Modifications are possible upon agreement.

DIMENSIONS (mm)



Type AT

Type BT and type CT

PATENT	Operated Valve	Nominal Size	Cover Depth Rd (m)	D	S	S ₁	V ¹⁾	Weight (kg)
Type AT	Gate Valves BETA-PZ, BETA-Z, BETA-Zz, EKO, EKO AguaFast	DN 40 and DN 50	1 up to 1,4	70	14	27	690	3,5
			1,2 up to 1,8				865	4,5
			1,7 up to 2,7				1350	6,9
		DN 65 and DN 80	1 up to 1,4	70	17	27	660	3,5
			1,2 up to 1,8				870	4,5
			1,7 up to 2,7				1355	6,9
		DN 100 up to DN 150	1 up to 1,4	70	19	27	610	3,3
			1,2 up to 1,8				800	4,2
			1,7 up to 2,7				1225	6,4
	DN 200	1 up to 1,4	70	24	27	575	4,4	
		1,2 up to 1,8				760	5,5	
		1,7 up to 2,7				1290	8,3	
	DN 250 up to DN 350	1 up to 1,4	70	27	27	470	3,5	
		1,2 up to 1,8				700	5,1	
		1,7 up to 2,7				1145	8,2	
DN 400	1,5 up to 1,8	70	32	27	650	3,0		
	1,8 up to 2,6				950	5,0		
Type BT	Gate Valves BETA-K, BETA-P, BETA-Z ¹⁾ , Tapping Bridges HOD with Gate Valves	all DN manufactured	1 up to 1,4	50	12	12	615	2,1
			1,2 up to 1,8				820	2,8
			1,7 up to 2,7				1270	4,1
Type CT	Ball Valves K246-K, K248-Z, Tapping Bridges HOD with Ball Valves	all DN manufactured	1 up to 1,4	50	12	12	615	2,1
			1,2 up to 1,8				820	2,8
			1,7 up to 2,7				1270	4,1
			2				1870	4,0

¹⁾ BETA Z DN 25 and DN 32 only.

V¹⁾ means the minimum dimension for transportation.

