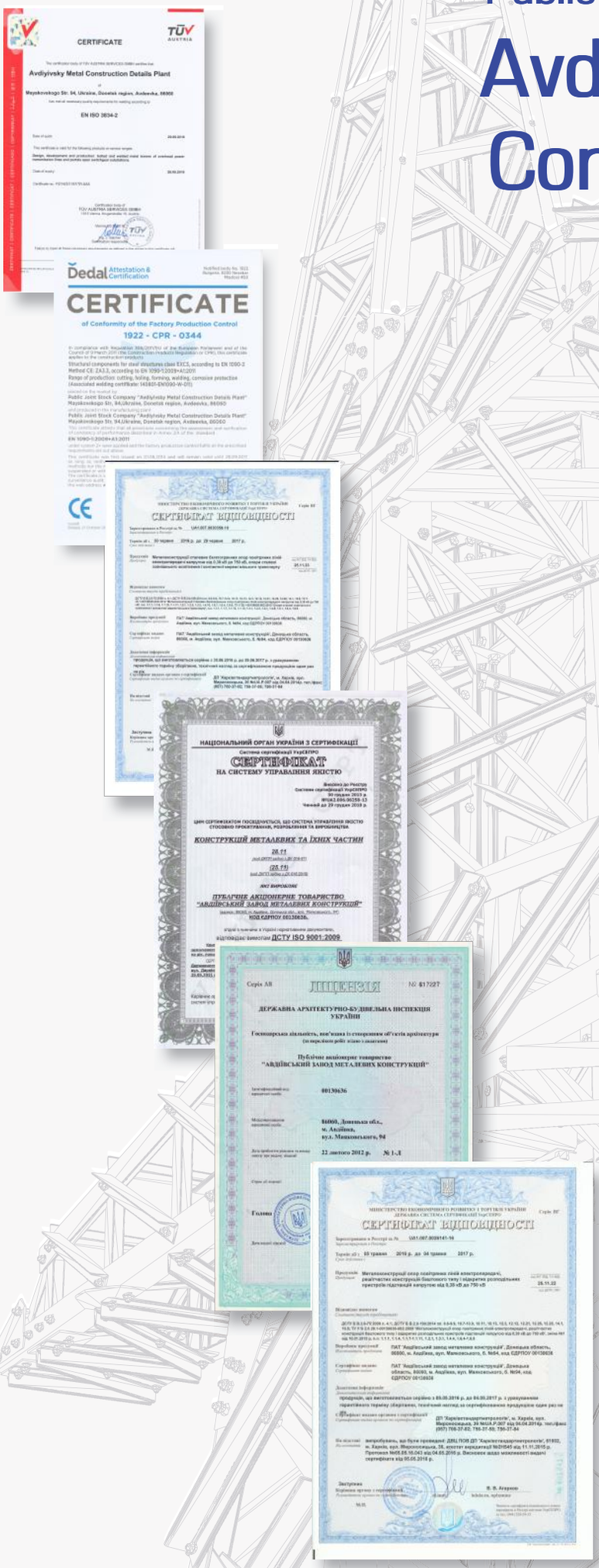
Public joint – stock company

Avdiyivskiy Metal Contractions Plant



PJSC Avdiyivskiy Metal Contractions Plant belongs to enterprises of energy and electrification by industry sign and to enterprises of machine building and metal processing by types of manufactured products.

At the present time PJSC Avdiyivsky Metal Constructions Plant is the specialized enterprise for the design, development and production: polygonal bent poles made of flat steel, bolted and welded steel towers for overhead power transmission lines and open air switchgear substation portals with voltage 0,4 – 10 kv and 35 – 750 kv, antenna masts for radio relay communication lines, spotlight masts; metal molds for production of concrete goods; supports with metal mounted hard for the suspension of the contact network of AC and DC electrified railways; steel structures for by–product coke and metallurgical plants (steel structures for gas duct, bases for combined heat and power units (CHP), cable racks, pipeline, beam and staircase supports); mounted drilling–crane equipment.

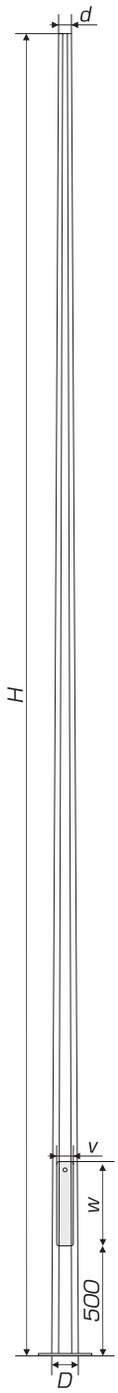
Nowadays production capacity of the plant is 16 thousand tons of steel constructions and metal products per year. Geography of the plant covers Ukraine, Russia, CIS countries and near abroad countries.

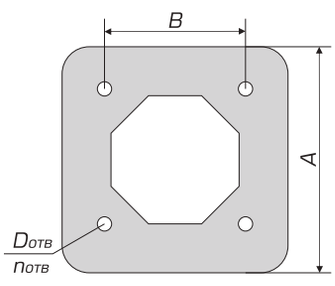
Location of the plant close to raw material resources (coal, metal, electrical power units), railway tracks and Black and Azov Sea Ports gives broad opportunities for cooperation with customers.

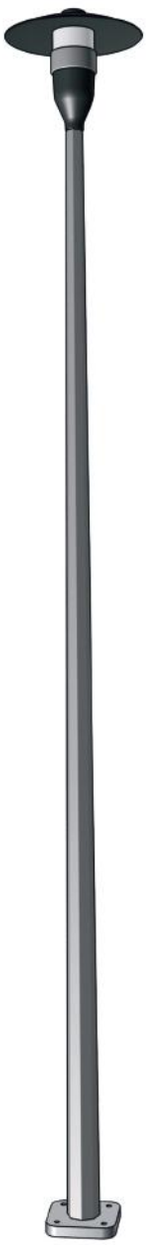
Products are manufactured according to drawings of technical department of the plant, unified drawings of engineering companies and customers' individual projects of any complexity.

Polygonal park light poles

Polygonal park light poles are intended to install lamps in parks, squares, quays, cottage villages, along roads with light, medium and heavy traffic.
Due to design of park light poles they perfectly fit into architecture of modern city.







Type	Weight	Pole's dimensions			Flange's dimensions				Hatch's dimensions	
	m	H	d	D	A	B	Ø	holes	W	V
	kgs	m	mm	mm	mm	mm	mm	pcs	mm	mm
PO/4/1	45	4	65	169	270	180	23	4	400	90
PO/5/1	53	5								
PO/6/1	62	6								
PO/7/1	71	7								
PO/8/1	79	8								

Way of mounting of lightning equipment up to 20kgs without use of bracket.

Type	Maximum area of equipment in wind zone depending on used steel – C255 / C355				
	I	II	III	IV	V
	dm2	dm2	dm2	dm2	dm2
PO/4/1	214/332	190/297	169/264	151/237	138/218
PO/5/1	145/239	128/213	113/188	100/168	91/154
PO/6/1	100/179	83/151	72/133	63/119	56/107
PO/7/1	59/122	50/106	42/92	36/82	30/73
PO/8/1	31/84	24/72	19/62	14/53	11/47

Way of mounting of lightning equipment up to 15kgs using single bracket of 1,0m height and 1,5m length.

Type	Maximum area of equipment in wind zone depending on used steel – C255 / C355				
	I	II	III	IV	V
	dm2	dm2	dm2	dm2	dm2
PO/4/1	176/294	156/262	137/232	121/208	110/190
PO/5/1	110/204	96/180	83/158	72/145	64/127
PO/6/1	64/140	53/121	44/105	37/93	23/82
PO/7/1	29/92	22/78	16/66	11/57	7/49
PO/8/1	3/56	-/46	-/37	-/30	-/24

Way of mounting of lightning equipment up to 2 x 15kgs using double bracket of 1,0m height and 1,5m length.

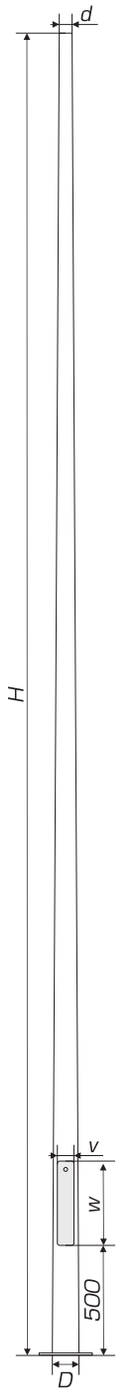
Type	Maximum area of equipment in wind zone depending on used steel – C255 / C355				
	I	II	III	IV	V
	dm2	dm2	dm2	dm2	dm2
PO/4/1	142/260	125/232	110/205	98/184	89/168
PO/5/1	77/171	67/151	57/133	49/118	43/107
PO/6/1	33/110	26/94	21/82	16/72	12/63
PO/7/1	1/64	-/54	-/45	-/38	-/32
PO/8/1	-/25	-/23	-/17	-/12	-/8

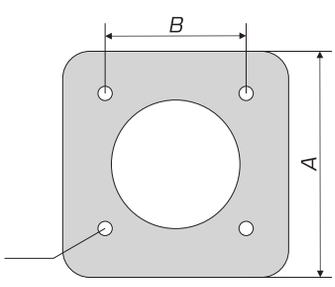
Data for design of the foundation

Type	M	T	Type of foundation	
	kN/m	kN	Piped	Embedded
PO/4/1	11,54	5,54	FTPO/0,85-0,168/1	FZPO/850/1
PO/5/1	11,46	4,40		
PO/6/1	11,62	3,72		
PO/7/1	11,81	3,24	FTPO/1,20-0,168/1	FZPO/1200/1
PO/8/1	12,00	2,88		

Round park light poles

Round park light poles are intended to install lamps in parks, squares, quays, cottage villages, along roads with light, medium and heavy traffic. Due to the round section poles have a smooth transition from pole to the bracket which essentially increase their aesthetic characteristics and make them ideal for a modern city design.





Type	Weight	Pole's dimensions			Flange's dimensions				Hatch's dimensions	
	m	H	d	D	A	B	Ø	holes	W	V
	kgs	m	mm	mm	mm	mm	mm	pcs	mm	Mm
KO/4/1	31	4	60	100	220	140	23	4	400	70
KO/5/1	39	5		110						
KO/6/1	50	6		120	240	150				
KO/7/1	59	7		130						
KO/8/1	70	8		140	250	160				90

Way of mounting of lightning equipment up to 20kgs without use of bracket.

Type	Maximum area of equipment in wind zone depending on used steel – C255 / C355				
	I	II	III	IV	V
	dm2	dm2	dm2	dm2	dm2
KO/4/1	32/72	28/63	24/55	20/49	18/44
KO/5/1	25/65	21/51	17/49	14/43	11/38
KO/6/1	19/60	15/47	11/44	9/38	6/33
KO/7/1	6/44	3/37	-/30	-/25	-/22
KO/8/1	-/36	-/29	-24	-/19	-/15

Way of mounting of lightning equipment up to 15kgs using single bracket of 1,0m height and 1,5m length.

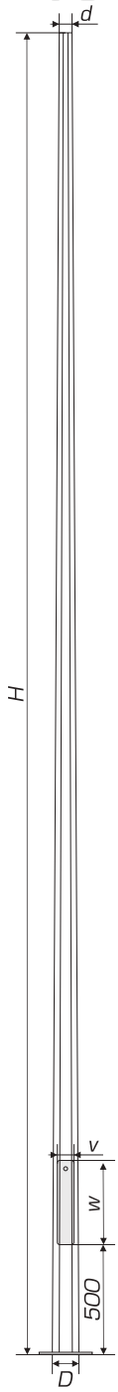
Type	Maximum area of equipment in wind zone depending on used steel – C255 / C355				
	I	II	III	IV	V
	dm2	dm2	dm2	dm2	dm2
KO/4/1	-/34	-/29	-/23	-/19	-/16
KO/5/1	-/30	-/25	-/24	-/15	-/12
KO/6/1	-/27	-/21	-/16	-/12	-/9
KO/7/1	-/14	-/9	-/4	-/1	-/-
KO/8/1	-/8	-/3	-/-	-/-	-/-

Data for design of the foundation

Type	M	T	Type of foundation	
	kN/m	kN	Piped	Embedded
KO /4/1	4,59	2,66	FTKO/0,85-0,108/1	FZKO/850/2
KO /5/1	5,53	2,58		
KO /6/1	6,72	2,39	FTKO /0,85-0,133/1	FZKO /850/3
KO /7/1	7,46	2,39	FTKO /1,20-0,133/1	FZKO /1200/1
KO /8/1	8,69	2,45	FTKO /1,20-0,152/1	FZKO /1200/2

When selecting park poles it's necessary to take into consideration the possibility of installing decorative brackets developed in our company and the ability to design and manufacture brackets according to drawings and sketches of the customer. Availability of high–tech equipment provides unlimited possibilities for the realization of any metal designs.

Polygonal street light poles



Polygonal street light poles are intended to illuminate streets, highways, roads with medium and heavy traffic, parks, squares, avenues, boulevards, quays, surrounding areas of public buildings, yards. Poles of this type are successfully combined with the urban landscape, providing aesthetic appeal and durability.

Type	Weight	Pole's dimensions			Flange's dimensions				Hatch's dimensions	
	m	H	d	D	A	B	Ø	holes	W	V
	kgs	m	mm	mm	mm	mm	mm	pcs	mm	Mm
PO/5/2	67	5	65	207	340	220	30	4	400	90
PO/6/2	78	6								
PO/7/2	88	7								
PO/8/2	98	8								
PO/9/2	108	9								
PO/10/2	149	10								
PO/11/2	164	11								
PO/12/2	177	12								

Way of mounting of lightning equipment up to 20kgs without use of bracket.

Type	Maximum area of equipment in wind zone depending on used steel – C255 / C355				
	I	II	III	IV	V
	dm2	dm2	dm2	dm2	dm2
PO/5/2	285/439	254/392	225/349	201/314	184/288
PO/6/2	216/345	198/303	167/270	149/243	135/221
PO/7/2	157/264	137/232	119/204	106/183	95/166
PO/8/2	112/203	97/179	84/157	72/139	64/125
PO/9/2	85/177	72/153	60/133	51/117	43/105
PO/10/2	74/152	62/131	51/114	43/100	37/89
PO/11/2	51/132	40/112	31/95	24/83	18/72
PO/12/2	21/93	13/77	6/64	1/54	-/45

Way of mounting of lightning equipment up to 15kgs using single bracket of 1,0m height and 1,5m length.

Type	Maximum area of equipment in wind zone depending on used steel – C255 / C355				
	I	II	III	IV	V
	dm2	dm2	dm2	dm2	dm2
PO/5/2	162/267	143/237	126/210	111/188	96/167
PO/6/2	126/219	109/192	95/169	87/158	70/132
PO/7/2	90/170	85/165	65/129	56/115	46/100
PO/8/2	60/131	50/114	41/98	34/86	25/73
PO/9/2	44/119	34/101	26/86	20/74	12/63
PO/10/2	34/100	24/80	18/68	12/58	5/47
PO/11/2	23/108	14/91	12/81	1/63	-/25
PO/12/2	-/53	-/41	-/32	-/24	-/16

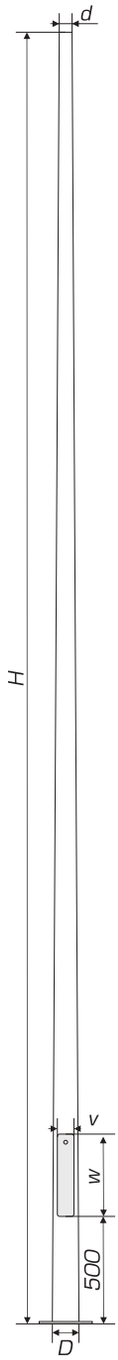
Way of mounting of lightning equipment up to 2 x 15kgs using double bracket of 1,0m height and 1,5m length.

Type	Maximum area of equipment in wind zone depending on used steel – C255 / C355				
	I	II	III	IV	V
	dm2	dm2	dm2	dm2	dm2
PO/5/2	285/439	254/392	225/349	201/314	184/288
PO/6/2	216/345	198/303	167/270	149/243	135/221
PO/7/2	157/264	137/232	119/204	106/183	95/166
PO/8/2	112/203	97/179	84/157	72/139	64/125
PO/9/2	85/177	72/153	60/133	51/117	43/105
PO/10/2	74/152	62/131	51/114	43/100	37/89
PO/11/2	51/132	40/112	31/95	24/83	18/72
PO/12/2	21/93	13/77	6/64	1/54	-/45

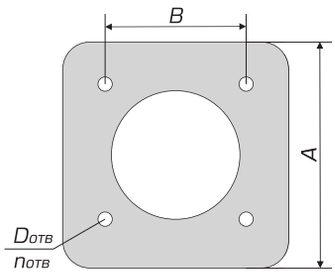
Data for design of the foundation

Type	M	T	Type of foundation	
	kN/m	kN	Piped	Embedded
PO/5/2	18,84	7,23	FTPO/1,20-0,168/2	FZPO/1200/2
PO/6/2	19,60	6,27		
PO/7/2	19,98	5,48		
PO/8/2	20,39	4,89		
PO/9/2	20,30	4,33		
PO/10/2	27,72	5,32		
PO/11/2	27,50	4,80		
PO/12/2	27,32	4,37		

Round street light poles



Round street light poles are intended to illuminate streets, highways, roads with medium and heavy traffic, parks, squares, avenues, boulevards, quays, surrounding areas of public buildings, yards. Poles of this type are successfully combined with the urban landscape and due to the round section poles have a smooth transition from pole to the bracket withstanding growing aesthetic requirements of modern cities.



Type	Weight	Pole's dimensions			Flange's dimensions				Hatch's dimensions	
	m	H	d	D	A	B	Ø	holes	W	V
	kgs	m	mm	mm	mm	mm	mm	pcs	mm	Mm
KO/4/2	38	4	60	100	220	140	23	4	400	70
KO/5/2	49	5		110						
KO/6/2	62	6		120	240	150				
KO/7/2	74	7		130						
KO/8/2	91	8		140	280	180	27			90
KO/9/2	105	9		150						
KO/10/2	125	10		160	300	200				
KO/11/2	141	11		170						
KO/12/2	158	12		180						

Way of mounting of lightning equipment up to 20kgs without use of bracket.

Type	Maximum area of equipment in wind zone depending on used steel – C255 / C355				
	I	II	III	IV	V
	dm2	dm2	dm2	dm2	dm2
KO/4/2	54/104	47/93	41/82	36/73	32/66
KO/5/2	46/98	40/87	34/76	29/67	26/61
KO/6/2	39/92	33/80	28/70	23/62	20/55
KO/7/2	32/85	27/74	21/64	17/56	14/50
KO/8/2	14/63	10/54	6/45	3/38	1/33
KO/9/2	8/58	4/48	-/40	-/34	-/28
KO/10/2	2/53	-/43	-/35	-/29	-/24
KO/11/2	-/49	-/39	-/31	-/24	-/19
KO/12/2	-/44	-/34	-/26	-/20	-/15

Way of mounting of lightning equipment up to 15kgs using single bracket of 1,0m height and 1,5m length.

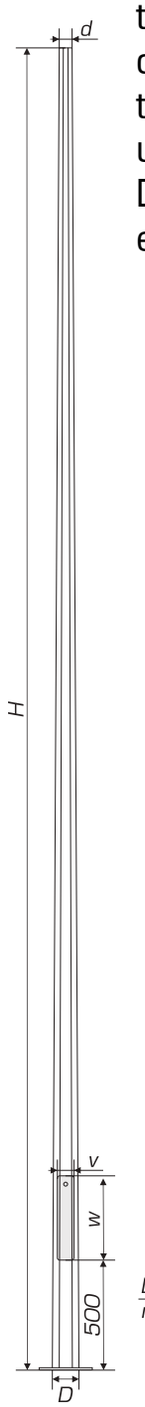
Type	Maximum area of equipment in wind zone depending on used steel – C255 / C355				
	I	II	III	IV	V
	dm2	dm2	dm2	dm2	dm2
KO/4/2	17/67	13/58	9/50	6/43	4/38
KO/5/2	12/64	8/55	4/46	1/39	-/34
KO/6/2	7/60	3/50	-/42	-/35	-/30
KO/7/2	2/55	-/46	-/38	-/31	-/26
KO/8/2	-/34	-/27	-/20	-/15	-/11
KO/9/2	-/31	-/23	-/17	-/11	-/7
KO/10/2	-/27	-/19	-/12	-/7	-/3
KO/11/2	-/23	-/15	-/8	-/3	-/-
KO/12/2	-/20	-/11	-/5	-/-	-/-

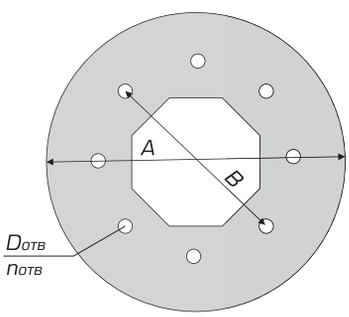
Data for design of the foundation

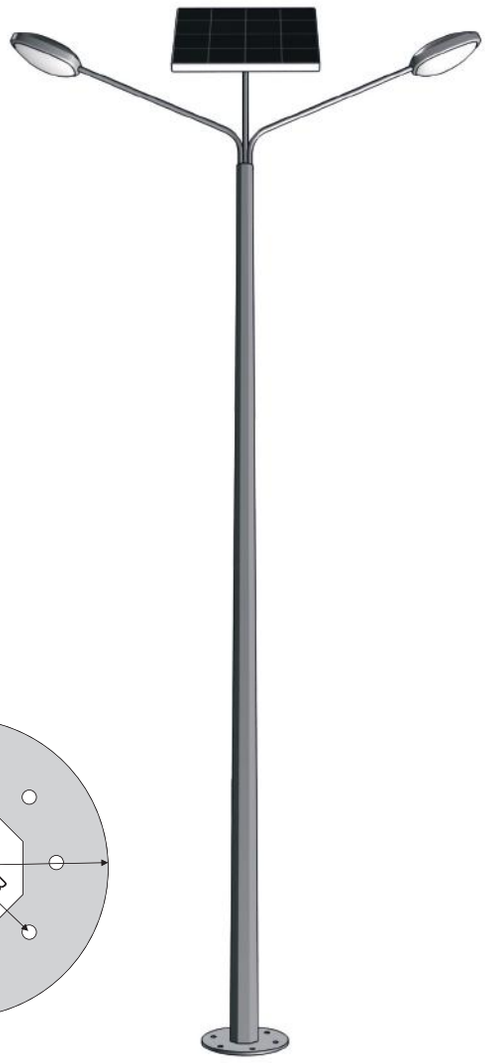
Type	M	T	Type of foundation	
	kN/m	kN	Piped	Embedded
KO/4/2	5,91	2,84	FTKO/0,85-0,18/2	FZKO/850/2
KO/5/2	7,19	2,76		
KO/6/2	8,73	2,80	FTKO/0,85-0,133/2	FZKO/850/3
KO/7/2	10,49	2,88	FTKO/1,20-0,133/2	FZKO1200/1
KO/8/2	11,34	2,72	FTKO/1,20-0,152/2	FZKO/1200/5
KO/9/2	13,35	2,85		
KO/10/2	15,56	2,99	FTKO/1,20-0,168/2	FZKO/1200/6
KO/11/2	18,04	3,15		
KO/12/2	20,77	3,33		

Polygonal road light poles

Polygonal road light poles are highly adaptive that enables to use them for installation in the streets, highways and roadways of different traffic load, parks and suburban areas. Design of poles of this type is successfully combined with both classical and modern urban landscape, insure aesthetic appeal and durability.
Design of the pole provides use of additional energy saving equipment – solar panels, wind generators, batteries.







Type	Weight	Pole's dimensions			Flange's dimensions				Hatch's dimensions	
	m	H	d	D	A	B	Ø	holes	W	V
	kgs	m	mm	mm	mm	mm	mm	pcs	mm	Mm
PO/8/3	185	8	100	307	490	390	30	8	500	120
PO/9/3	205	9								
PO/10/3	225	10								
PO/11/3	246	11								
PO/12/3	266	12								

Way of mounting of lightning equipment up to 20kgs using single bracket of 2,0m height and 2,0m length.

Type	Maximum area of equipment in wind zone depending on used steel – C255 / C355				
	I	II	III	IV	V
	dm2	dm2	dm2	dm2	dm2
PO/8/3	284/505	262/461	228/406	199/360	178/327
PO/9/3	217/415	181/358	155/314	134/278	118/250
PO/10/3	151/324	125/281	103/242	86/213	73/189
PO/11/3	102/262	80/221	68/195	49/165	37/143
PO/12/3	55/200	38/166	24/139	14/119	4/101

Way of mounting of lightning equipment up to 2 x 20kgs using double bracket of 1,0m height and 2,0m length.

Type	Maximum area of equipment in wind zone depending on used steel – C255 / C355				
	I	II	III	IV	V
	dm2	dm2	dm2	dm2	dm2
PO/8/3	278/499	265/455	224/402	197/359	178/327
PO/9/3	212/410	178/355	154/313	135/279	121/253
PO/10/3	146/320	123/279	103/242	88/215	76/192
PO/11/3	98/258	79/220	69/195	51/67	41/146
PO/12/3	52/196	37/165	25/140	16/121	8/105

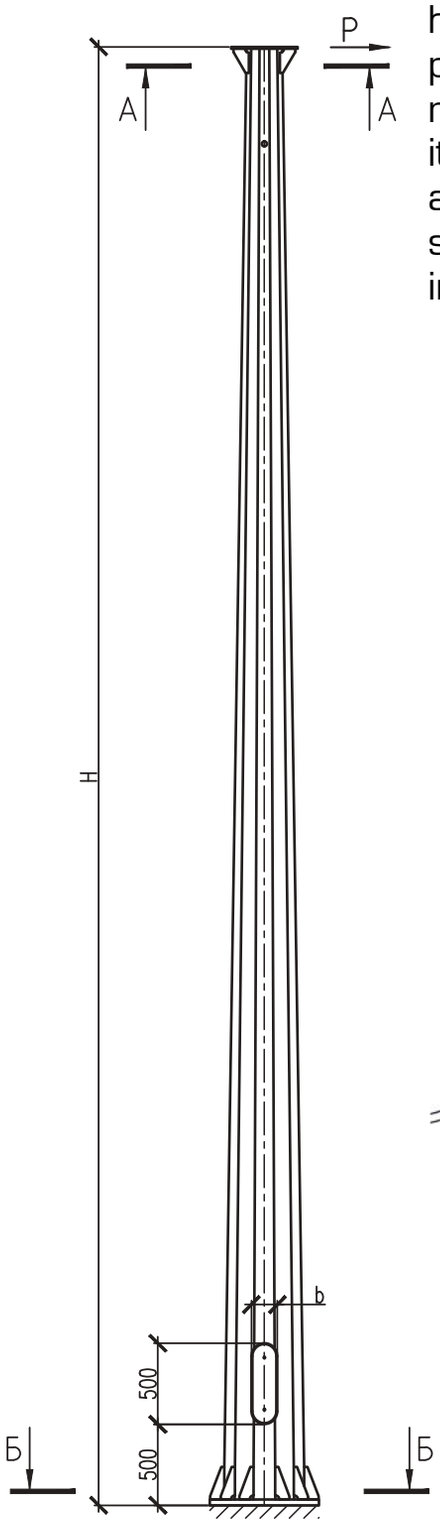
Way of mounting of lightning equipment up to 4 x 20kgs using quad bracket of 1,0m height and 2,0m length.

Type	Maximum area of equipment in wind zone depending on used steel – C255 / C355				
	I	II	III	IV	V
	dm2	dm2	dm2	dm2	dm2
PO/8/3	130/351	124/322	98/276	77/238	62/211
PO/9/3	62/260	37/213	20/178	6/150	-/130
PO/10/3	-/170	-/137	-/108	-/87	-/69
PO/11/3	-/106	-/77	-/60	-/38	-/22
PO/12/3	-/143	-/22	-/5	-/-	-/-

Data for design of the foundation

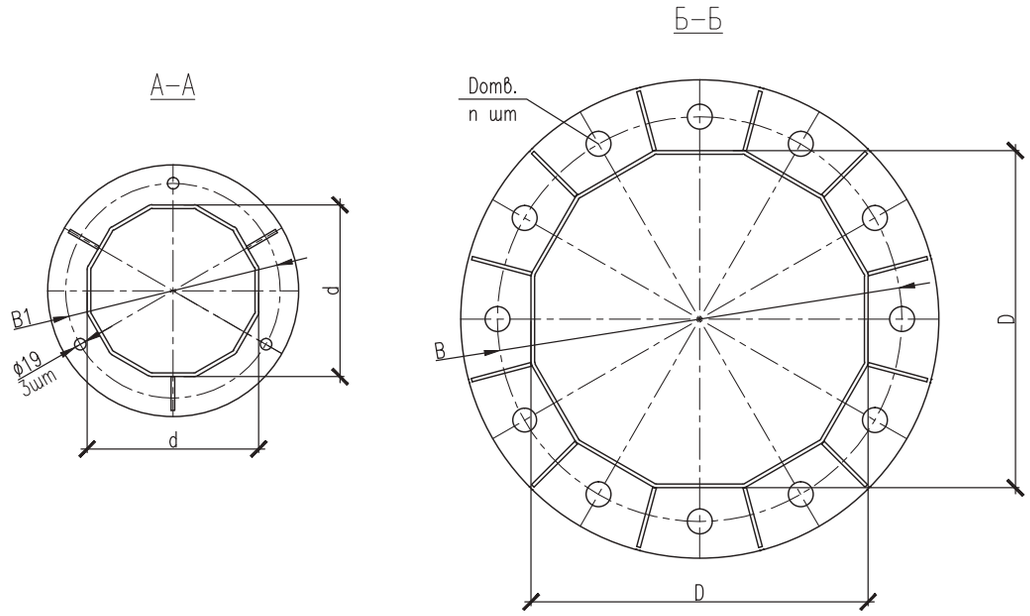
Type	M	T	Type of foundation	
	kN/m	kN	Piped	Embedded
PO/8/3	62,71	15,05	FTPO/1,50-0,325/1	FZPO/1500/1
PO/9/3	63,61	13,57		
PO/10/3	63,59	12,21		
PO/11/3	64,17	11,20		
PO/12/3	64,24	10,28		

Polygonal power poles



Polygonal power poles are highly adaptive that enables to use them for installation in the streets, highways and roadways of different traffic load, parks and suburban areas. There're two modifications of the poles – with hatch and without it, enabling further use them to stretch flow lines and as pole for low–voltage power line, to install solar panels, wind generators, batteries, banners, information boards and etc.

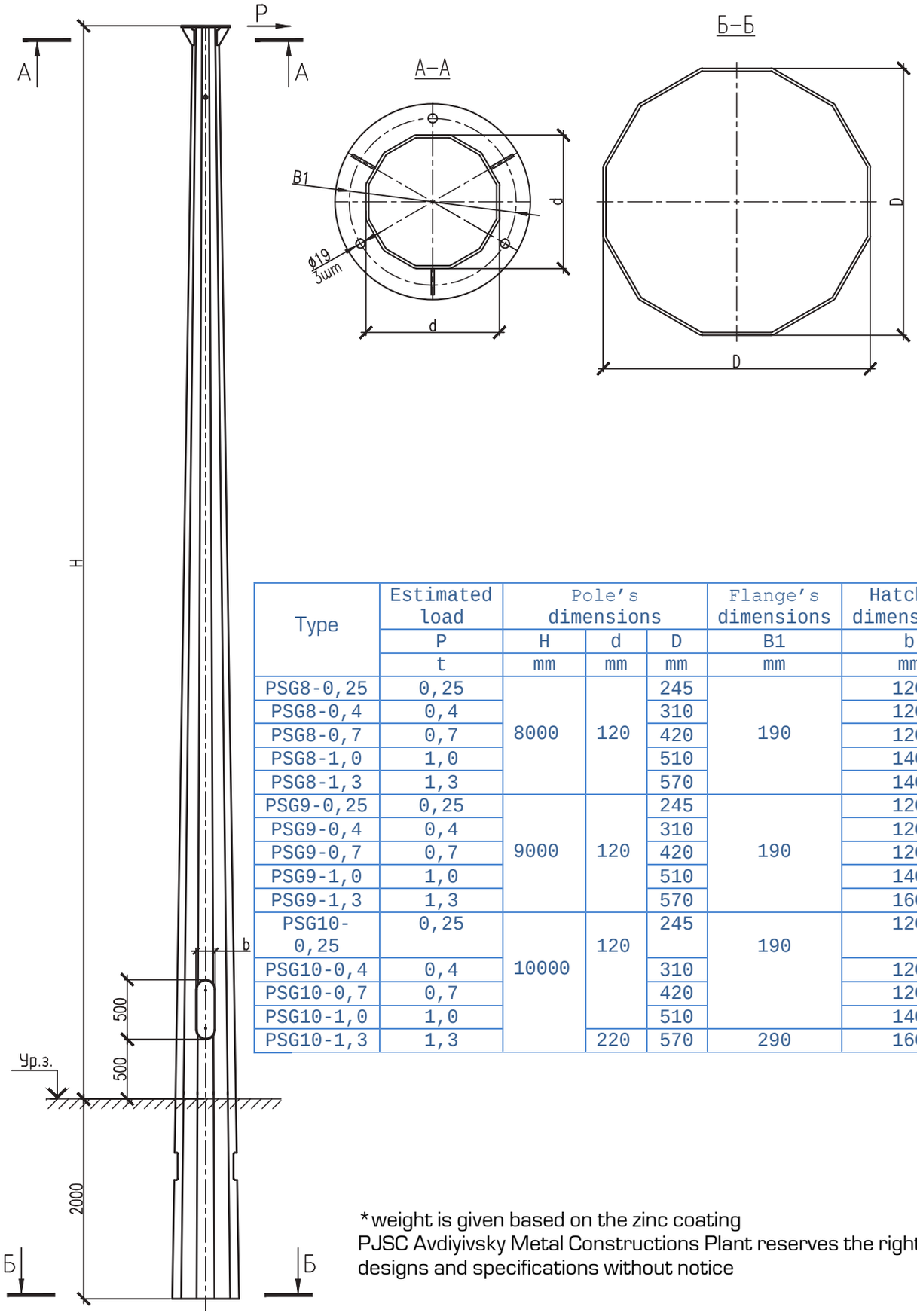
Polygonal power poles of PS type



Type	Estimated load	Pole's dimensions			Flange's dimensions				Hatch's dimensions	Weight*
	P	H	d	D	B	B1	Ø	holes	b	
	t	mm	mm	mm	mm	mm	mm	pcs	mm	kgs
PS8-0,25	0,25	8000	120	220	310	190	33	6	120	179
PS8-0,4	0,4			270	370		27	12	120	209
PS8-0,7	0,7			360	460		30	12	120	251
PS8-1,0	1,0			430	530		33	12	140	294
PS8-1,3	1,3			480	590		39	12	140	327
PSG9-0,25	0,25	9000	120	220	310	190	33	6	120	197
PSG9-0,4	0,4			270	370		27	12	120	229
PSG9-0,7	0,7			360	460		30	12	120	276
PSG9-1,0	1,0			430	530		33	12	140	322
PSG9-1,3	1,3			480	590		39	12	140	360
PS10-0,25	0,25	10000	120	220	310	190	33	6	120	216
PS10-0,4	0,4			270	370		27	12	120	250
PS10-0,7	0,7			360	460		30	12	120	302
PS10-1,0	1,0			430	530		33	12	140	352
PS10-1,3	1,3		220	480	590	290	39	12	160	448
PS11-0,25	0,25	11000	120	220	310	190	33	6	120	234
PS11-0,4	0,4			270	370		27	12	120	271
PS11-0,7	0,7			360	460		30	12	120	327
PS11-1,0	1,0		220	430	530	290	33	12	140	443
PS11-1,3	1,3			480	590		39	12	160	485
PS12-0,25	0,25	12000	120	220	310	190	33	6	120	251
PS12-0,4	0,4			270	370		27	12	120	291
PS12-0,7	0,7		220	360	460	290	30	12	120	419
PS12-1,0	1,0			430	530		33	12	140	477
PS12-1,3	1,3			480	590		39	12	160	522

**weight is given based on the zinc coating*
PJSC Avdiyivsky Metal Constructions Plant reserves the right to change designs and specifications without notice

Polygonal power poles of PSG type intended for embedment into ground



Type	Estimated load	Pole's dimensions			Flange's dimensions	Hatch's dimensions	Weight*
	P	H	d	D	B1	b	
	t	mm	mm	mm	mm	mm	kgs
PSG8-0,25	0,25	8000	120	245	190	120	204
PSG8-0,4	0,4			310		120	238
PSG8-0,7	0,7			420		120	296
PSG8-1,0	1,0			510		140	344
PSG8-1,3	1,3			570		140	375
PSG9-0,25	0,25	9000	120	245	190	120	223
PSG9-0,4	0,4			310		120	261
PSG9-0,7	0,7			420		120	324
PSG9-1,0	1,0			510		140	376
PSG9-1,3	1,3			570		160	412
PSG10-0,25	0,25	10000	120	245	190	120	243
PSG10-0,4	0,4			310		120	284
PSG10-0,7	0,7			420		120	353
PSG10-1,0	1,0			510		140	411
PSG10-1,3	1,3		220	570	290	160	490

*weight is given based on the zinc coating
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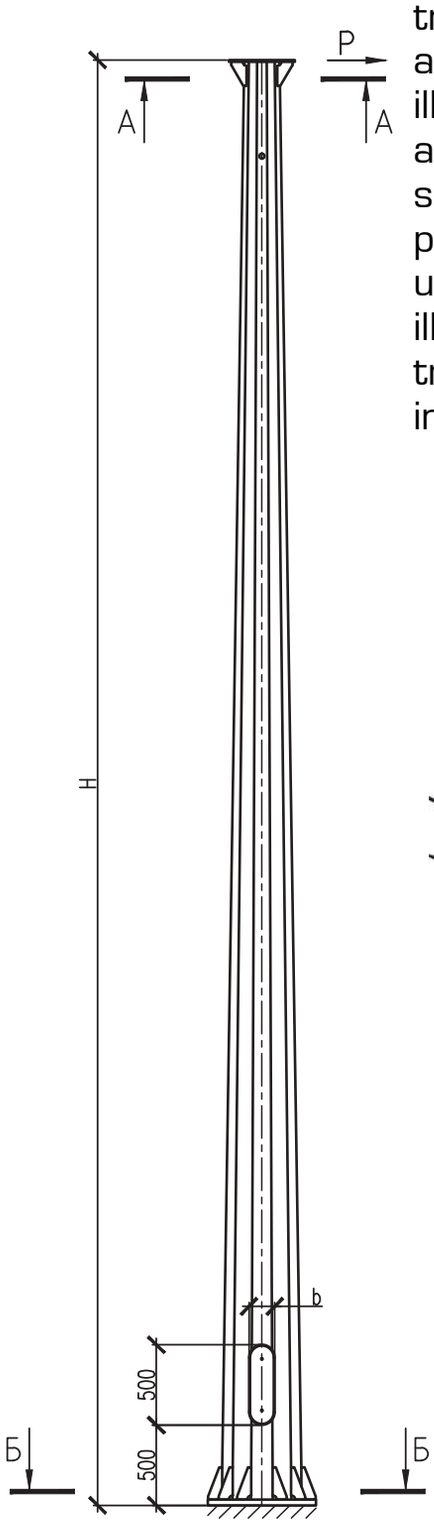
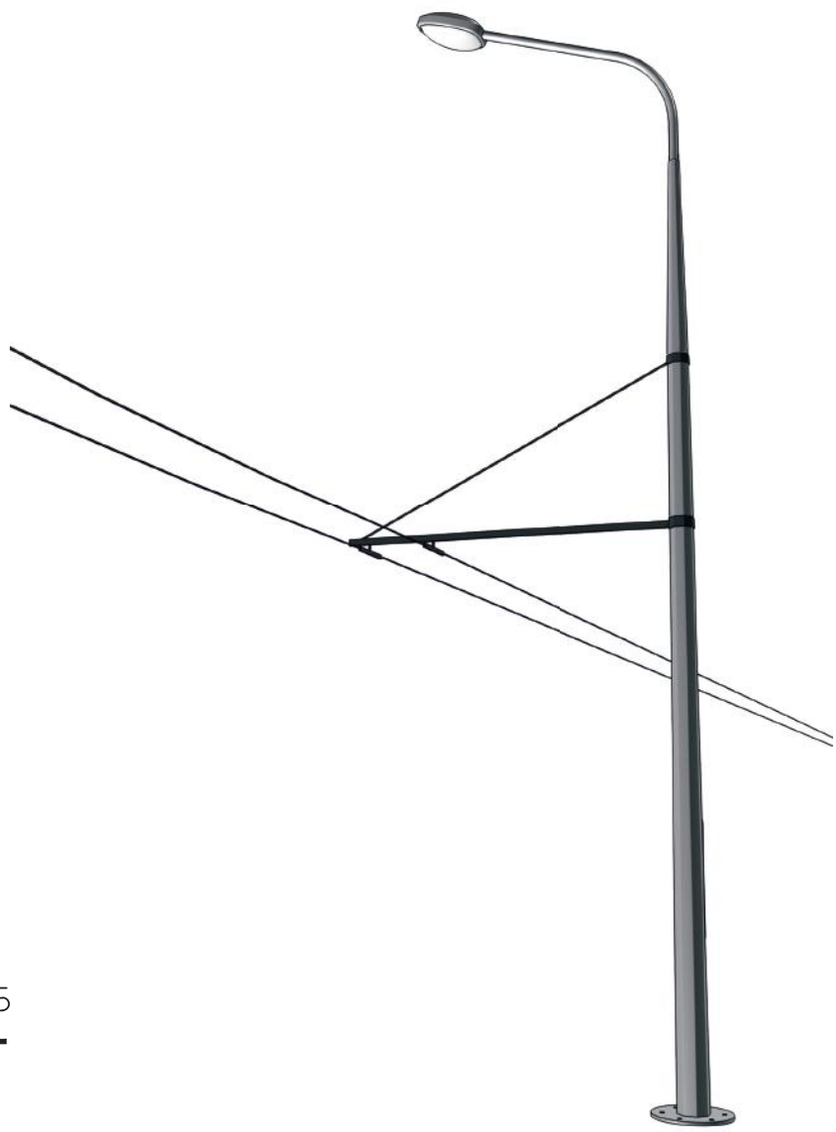
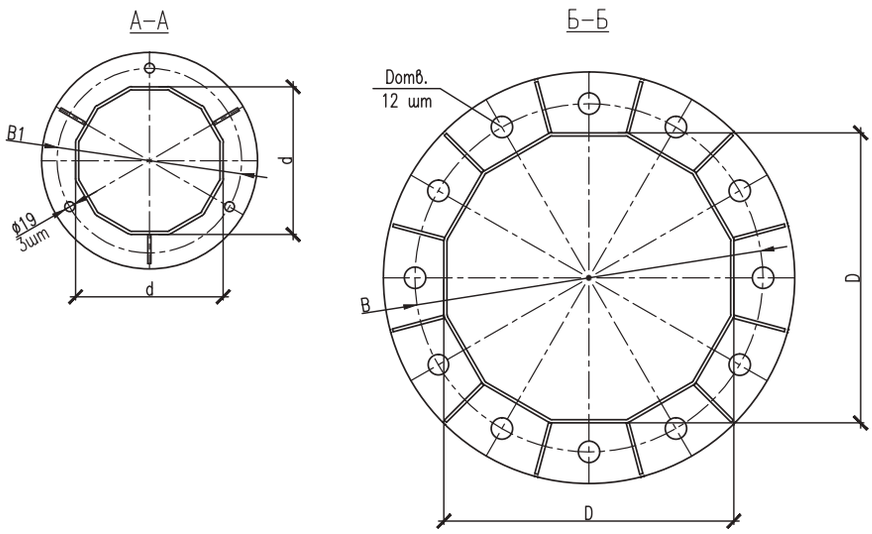
Polygonal catenary power poles for tram and trolleybus lines



Polygonal catenary power poles for tram and trolleybus lines have high degree of adaptation to additional loads that enables to use them for illumination and installation in the streets, highways and roadways of different traffic load, parks and suburban areas. There're two modifications of the poles – with hatch and without it, enabling further use them as pole for low–voltage power line, to illuminate roads with catenary for city electrical transport, to stretch flow lines, to install banners, information boards and etc.



Polygonal catenary power poles for tram and trolleybus lines of PK type.



Type	Estimated load	Pole's dimensions			Flange's dimensions			Hatch's dimensions	Weight*
	P	H	d	D	B	B1	Ø	b	
	t	mm	mm	mm	mm	mm	mm	mm	kgs
PK9-0,7	0,7	9000	220	350	450	290	30	140	467
PK9-1,0	1,0			350	450		30	140	467
PK9-1,3	1,3			400	500		33	140	509
PK9-1,5	1,3		280	400	500	350	33	140	553
PK9-2,0	2,0			450	560		33	140	612
PK9-2,5	2,5			500	610		39	160	652
PK10-0,7	0,7	10000	220	350	450	290	30	140	512
PK10-1,0	1,0			400	500		33	140	557
PK10-1,3	1,3			450	560		39	140	622
PK10-1,5	1,3		280	450	560	350	39	140	669
PK10-2,0	2,0			500	610		39	160	714
PK10-2,5	2,5			550	660		39	160	757
PK11-0,7	0,7	11000	220	400	500	290	33	140	595
PK11-1,0	1,0			450	560		39	140	661
PK11-1,3	1,3			500	610		39	160	708
PK11-1,5	1,3		280	500	610	350	39	160	763
PK11-2,0	2,0			550	660		39	160	811
PK11-2,5	2,5			620	730		39	180	886
PK12-0,7	0,7	12000	220	400	500	290	33	140	655
PK12-1,0	1,0			450	560		39	140	725
PK12-1,3	1,3			500	610		39	160	765
PK12-1,5	1,3		280	500	610	350	39	160	823
PK12-2,0	2,0			620	730		39	180	956
PK12-2,5	2,5			620	730		39	180	956

*weight is given based on the zinc coating
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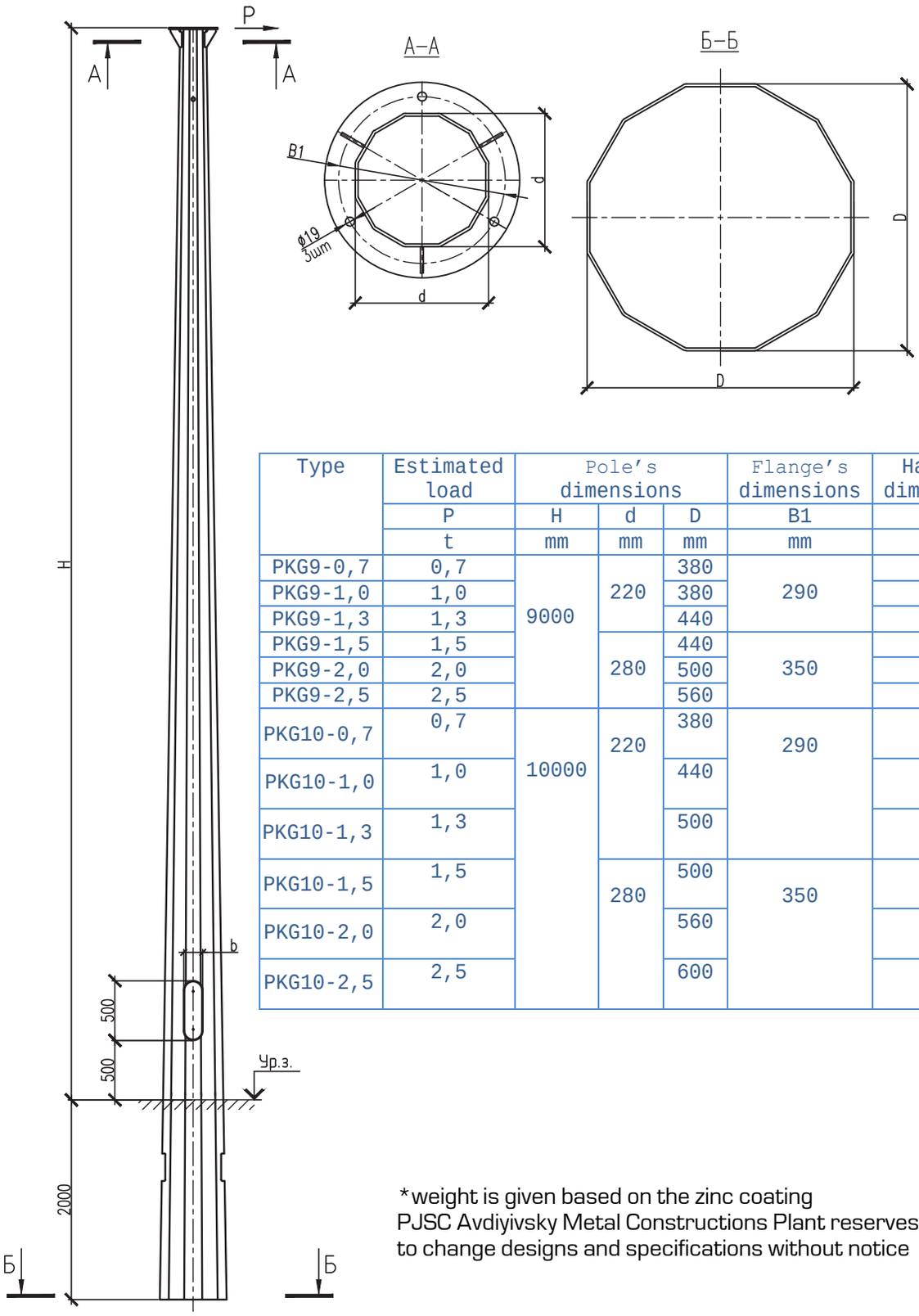
Polygonal catenary power poles for tram and trolleybus lines of PKG type intended for embedment into ground.



Type	Estimated load	Pole's dimensions			Flange's dimensions	Hatch's dimensions	Weight*
	P	H	d	D	B1	b	
	t	mm	mm	mm	mm	mm	kgs
PKG9-0,7	0,7	9000	220	380	290	140	522
PKG9-1,0	1,0			380		140	522
PKG9-1,3	1,3			440		140	572
PKG9-1,5	1,5		280	440	350	140	625
PKG9-2,0	2,0			500		140	675
PKG9-2,5	2,5			560		160	726
PKG10-0,7	0,7	10000	220	380	290	140	587
PKG10-1,0	1,0			440		140	645
PKG10-1,3	1,3			500		140	701
PKG10-1,5	1,5		280	500	350	140	760
PKG10-2,0	2,0			560		160	818
PKG10-2,5	2,5			600		160	855

*weight is given based on the zinc coating
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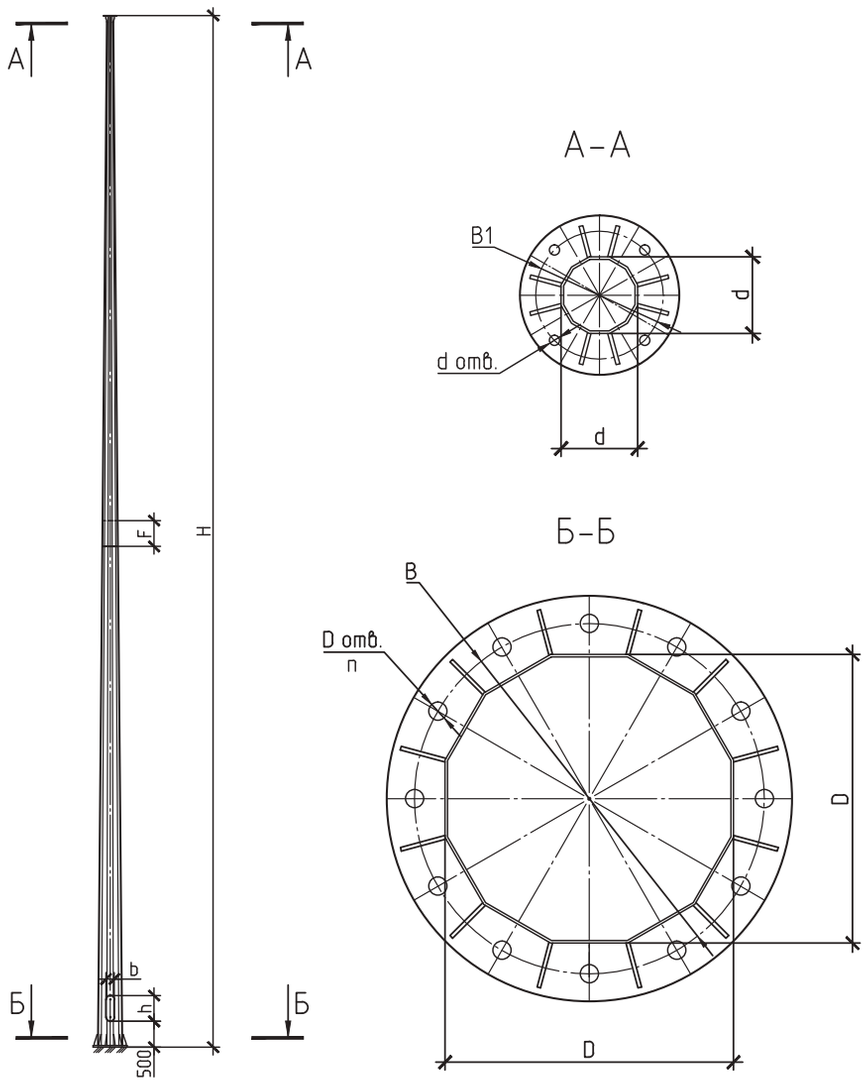
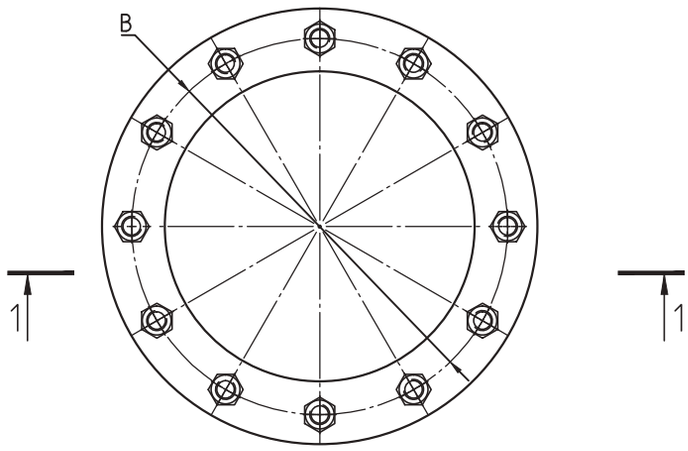
Polygonal lampposts

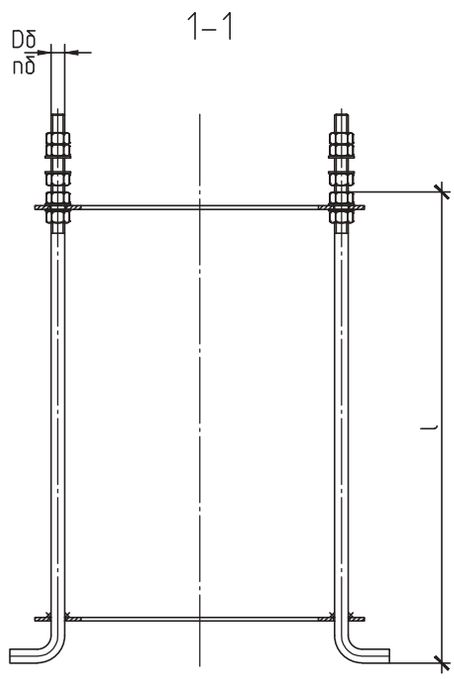
This type of lighting designs are used for lighting of objects of any level of complexity such as: construction sites, stadiums, industrial constructions, as well as other objects with large areas of open space. The lampposts are used to set the various models of lamps at the height of 14–22 meters.



Type	Pole's dimensions				Lower flange's dimensions			Upper flange's dimensions		Hatch's dimensions		Weight*
	H,mm	F, mm	d, mm	D, mm	B,mm	Ø,mm	n,mm	B1,mm	Ø,mm	h,mm	b,mm	kgs
MBPO-12	12	-	120	300	400	33	6	190	19	500	140	291
MBPO-14	14	500		340	440	30	12					379
MBPO-16	16			380	480	30					160	467
MBPO-18	18			420	520	33						558
MBPO-20	20			470	570	33						669

Embedded foundation for polygonal light posts



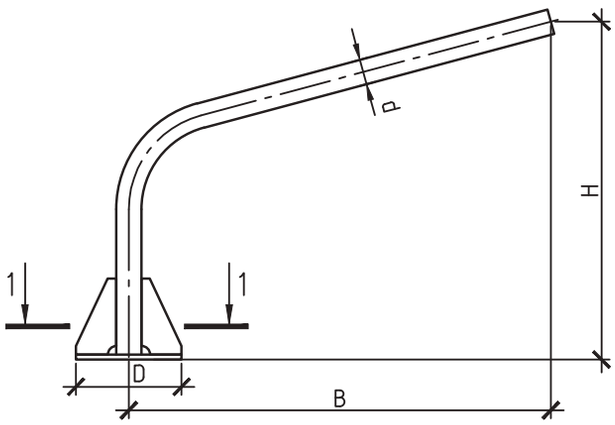


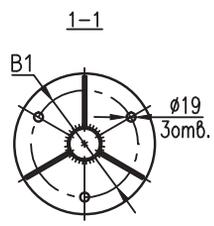
Type	Dimensions				Weight
	B, mm	I, mm	D, mm	n, mm	kgs
FZMBPO-12	400	1050	30	6	69
FZMBPO-14	440	1000	27	12	99
FZMBPO-16	480				100
FZMBPO-18	520	1050	30		126
FZMBPO-20	570				131

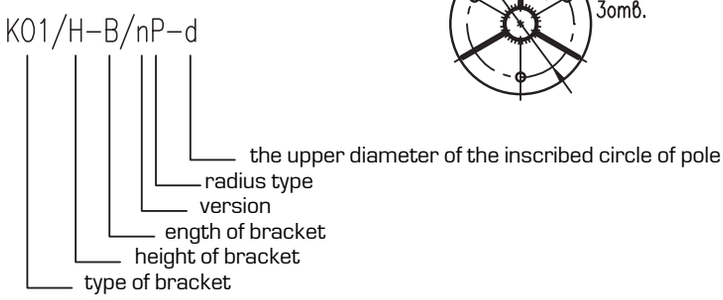
Brackets for light poles

Typical models of brakets were developed for the catalogue. If necessary, brackets of any level of complexity can be designed and manufactured according to drawing or sketch of a customer.

Radius single bracket







Type	Bracket's dimensions			flange's dimensions	Weight*
	H, mm	B, mm	d, mm	B1, mm	kgs
K01/0,8-1,0/1P-120	800	1000	60	190	15
K01/0,8-1,0/1P-220				290	21
K01/0,8-1,0/1P-280				350	26
K01/0,85-1,5/1P-120	850	1500		190	17
K01/0,85-1,5/1P-220				290	23
K01/0,85-1,5/1P-280				350	27
K01/1,0-2,0/1P-120	1000	2000		190	20
K01/1,0-2,0/1P-220				290	25
K01/1,0-2,0/1P-280				350	30

*weight is given based on the zinc coating
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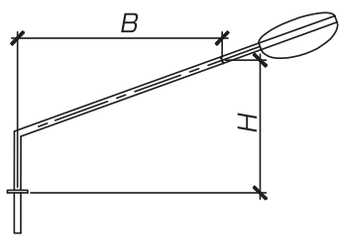
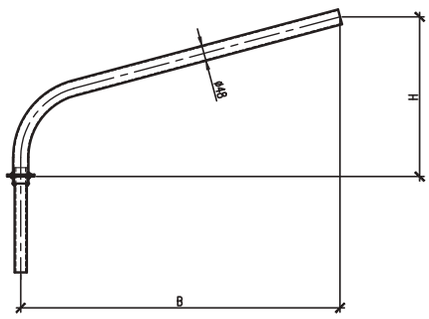
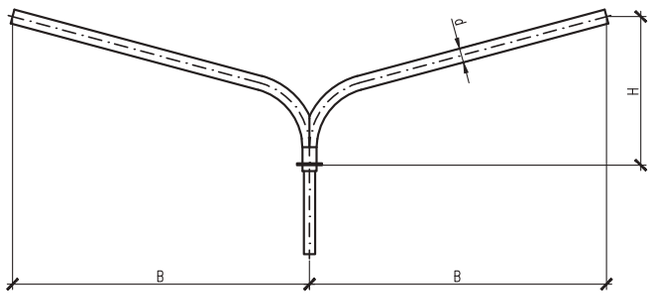
Type	Dimensions			Weight
	H	B	d	
	mm	mm	mm	kgs
K01/0,2-0,3/1U	200	300	48	3
K01/0,3-0,5/1U	300	500		4
K01/0,5-1,0/1U	500	1000		6
K01/0,6-1,5/1U	600	1500		8



Radius double bracket





Type	Bracket's dimensions		Weight*
	H, mm	B, mm	kgs
K01/0,5-1,0/1R	500	1000	6,0
K01/0,6-1,5/1R	600	1500	7,0

Type	Bracket's dimensions			Weight*
	H, mm	B, mm	d, mm	kgs
K02/0,5-1,0/1R	500	1000	48	10
K02/0,6-1,5/1R	600	1500		13

*weight is given based on the zinc coating
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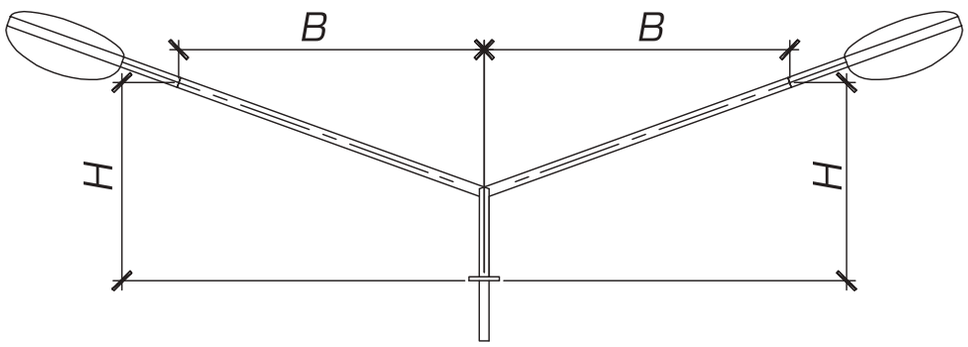
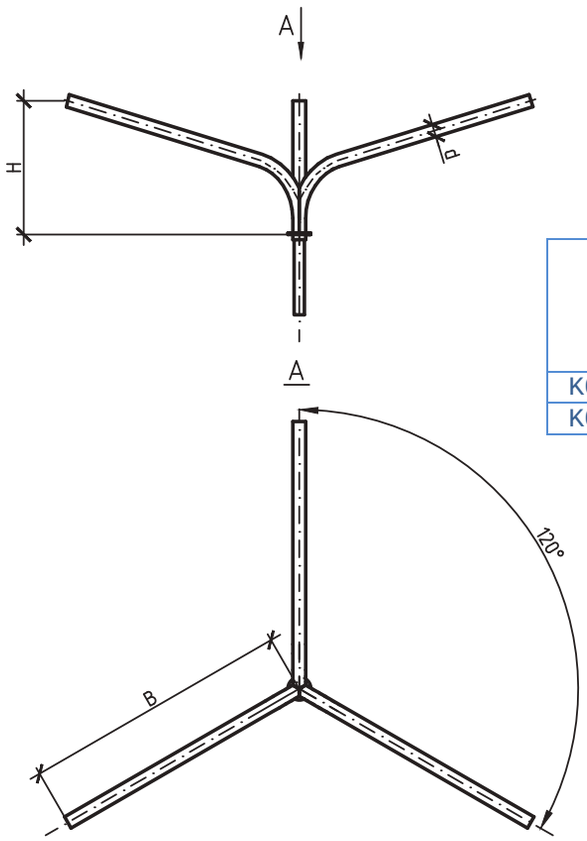
Angular double



Type	Bracket's dimensions			Weight*
	H, mm	B, mm	d, mm	kgs
K02/0,2-0,3/1U	200	300	48	5
K02/0,3-0,5/1U	300	500		6
K02/0,5-1,0/1U	500	1000		10
K02/0,6-1,5/1U	600	1500		14

Radius triple bracket



Type	Bracket's dimensions			Weight*
	H, mm	B, mm	d, mm	kgs
K03/0,5-1,0/1U	500	1000	48	14
K03/0,6-1,5/1U	600	1500		19

*weight is given based on the zinc coating
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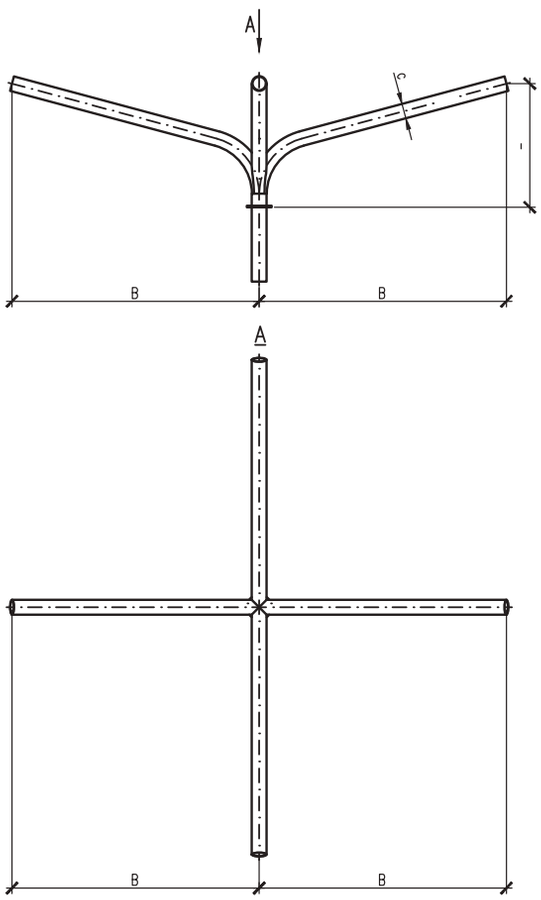
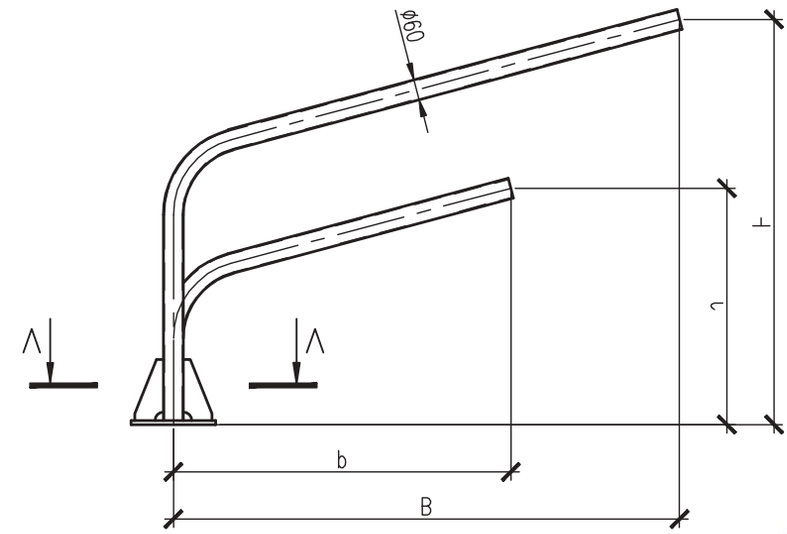
Radius quad bracket

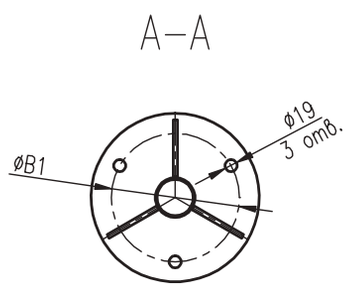


Type	Bracket's dimensions			Weight*
	H, mm	B, mm	d, mm	kgs
K04/0,5-1,0/1R	500	1000	48	18
K04/0,6-1,5/1R	600	1500		25

*weight is given based on the zinc coating
PJSC Avdiyivsky Metal Constructions Plant reserves the right to change designs and

Two–row radius bracket for light poles of PS and PK type





КД1/H–B/h–b/nP–d

- the upper diameter of the inscribed circle of pole
- radius type
- version
- length of smaller bracket
- height of smaller bracket
- length of bigger bracket
- height of bigger bracket
- type of bracket

*weight is given based on the zinc coating

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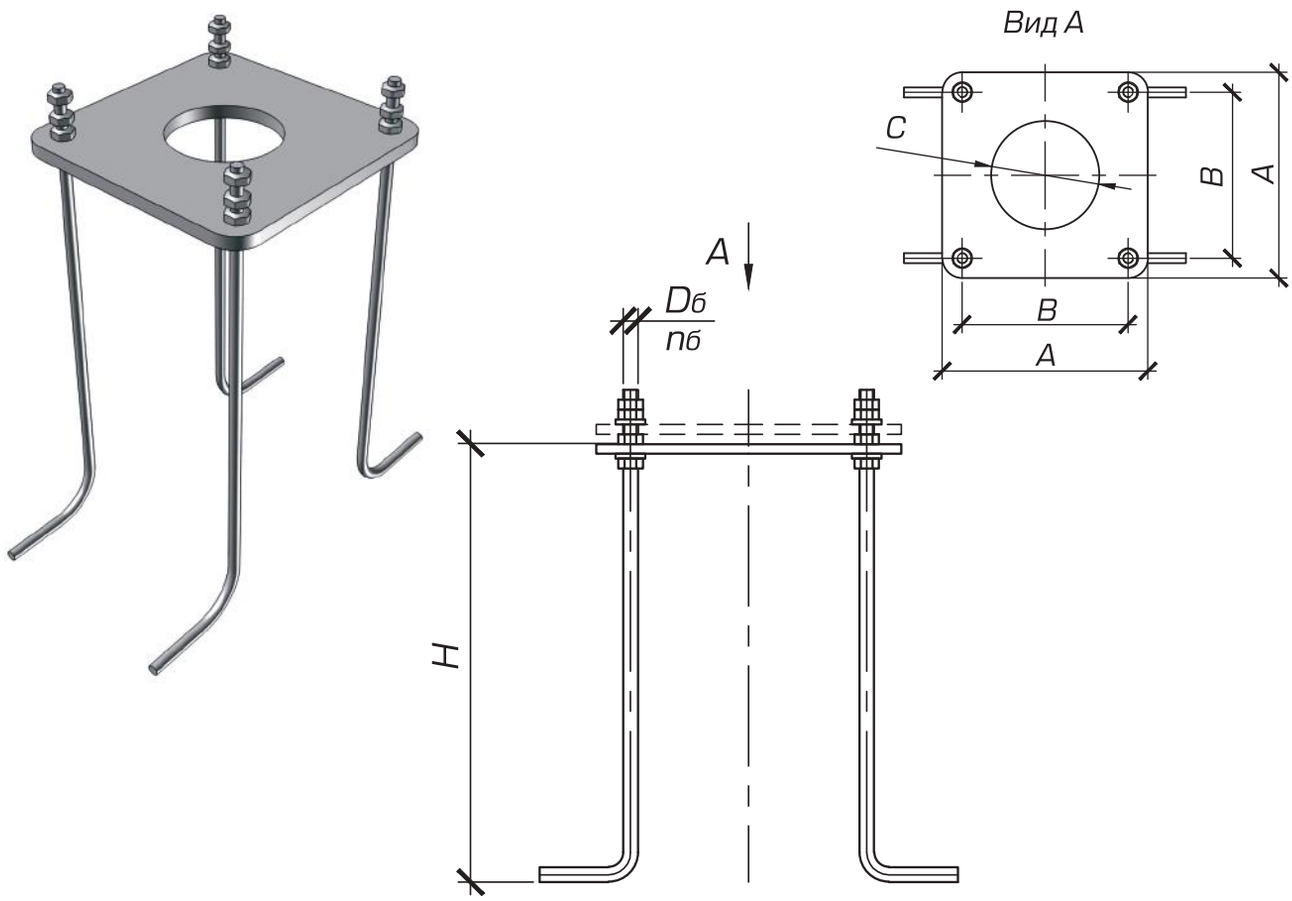
Type	H, mm	h, mm	B, mm	b, mm	B1, mm	Weight kgs
KD1/1,1-1,0/0,6-0,5/1R-120	1100	600	1000	500	190	20
KD1/1,1-1,0/0,6-0,5/1R-220	1100	600	1000	500	290	26
KD1/1,1-1,0/0,6-0,5/1R-280	1100	600	1000	500	350	30
KD1/1,2-1,5/0,7-1,0/1R-120	1200	700	1500	1000	190	24
KD1/1,2-1,5/0,7-1,0/1R-220	1200	700	1500	1000	290	30
KD1/1,2-1,5/0,7-1,0/1R-280	1200	700	1500	1000	350	34
KD1/1,4-2,0/0,85-1,0/1R-120	1400	850	2000	1500	190	29
KD1/1,4-2,0/0,85-1,0/1R-220	1400	850	2000	1500	290	35
KD1/1,4-2,0/0,85-1,0/1R-280	1400	850	2000	1500	350	39

Embedded metal footings

The company has developed standard metal footings used in reinforced concrete foundations. Type, dimensions, carrying capacity of foundation are calculated in each individual case according to wind load, depth of freezing soil, type of soil and etc.

Embedded metal footings of anchor type.



Type of footing	Weight	Dimensions					
		A	B	C	H	Ø	holes
	kgs	mm	mm	mm	mm	mm	pcs
FZKO/1200/1	18	240	150	130	1200	20	4
FZKO/1200/2	18	250	160	140			
FZKO/1200/5	26	280	180	150		24	6
FZKO/1200/6	26	300	200	180			
FZKO/850/2	14	220	140	110	850	20	4
FZKO/850/3	14	240	150	130			
FZPO/1200/1	18	270	180	170	1200		
FZPO/1200/2	35	340	220	210		27	
FZKO/1500/1	63	490	390	310	1500	24	8
FZKO/850/1	14	270	180	170	850	20	4