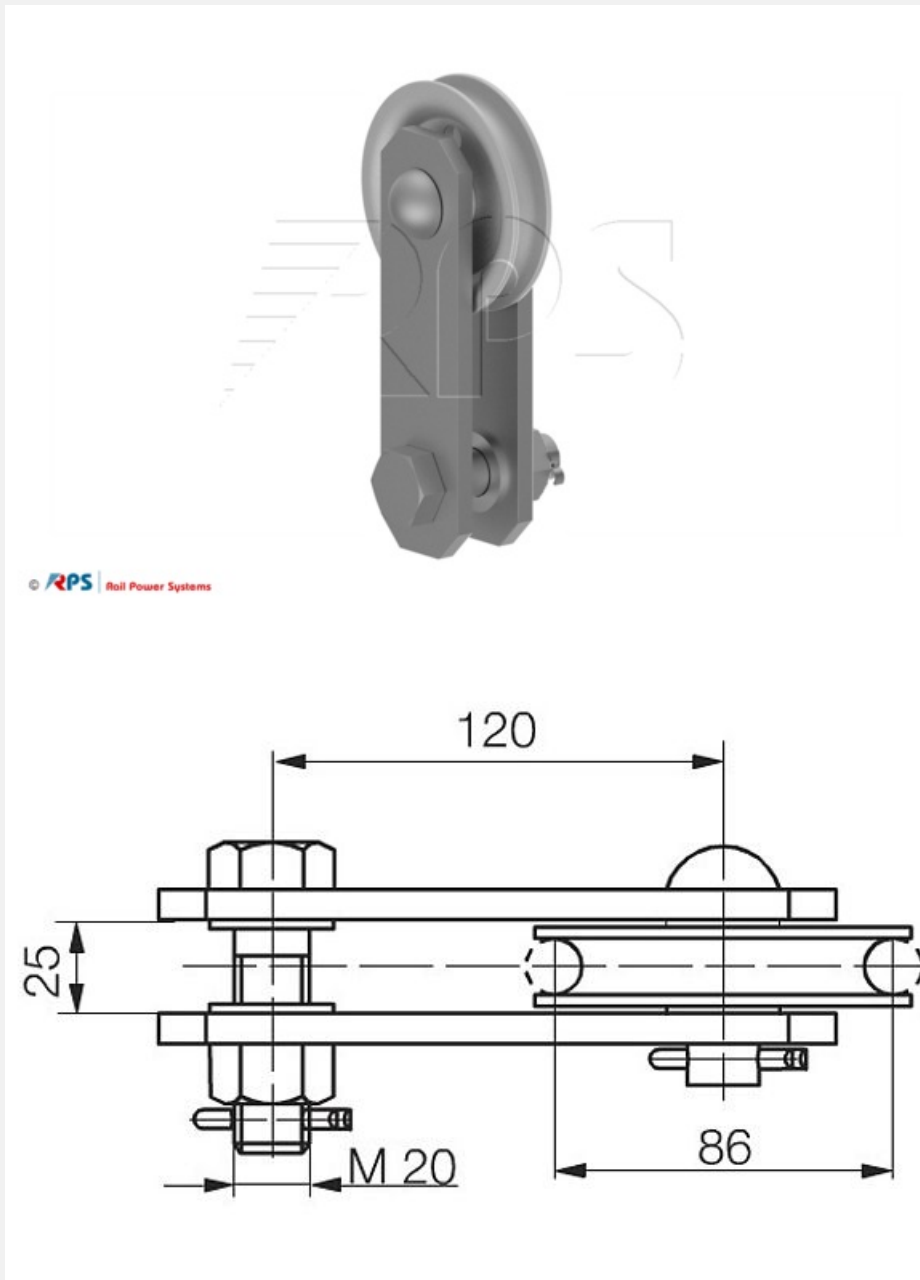


Accessories tensioning wheels

Guide Pulley Assembly

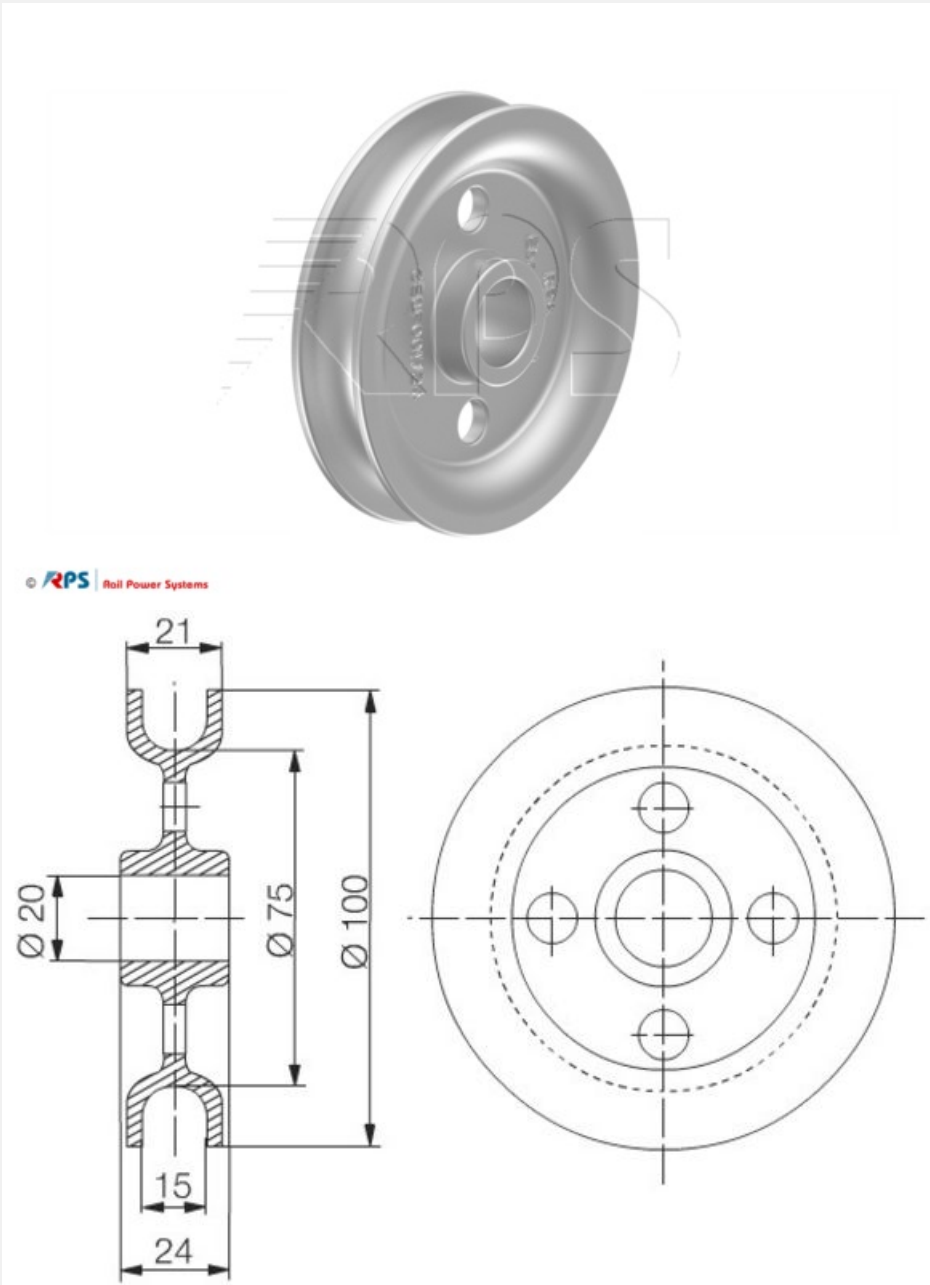
To connect the balance weight assembly with catenary and contact wire. Pulley made of cast aluminium, bolt made of stainless steel.



Material-ID	Weight	Drawing Number
3EGF001726	1,562 kg	Ebs 08.10.01 a
3EGF001727	0,868 kg	Ebs 08.10.31 b

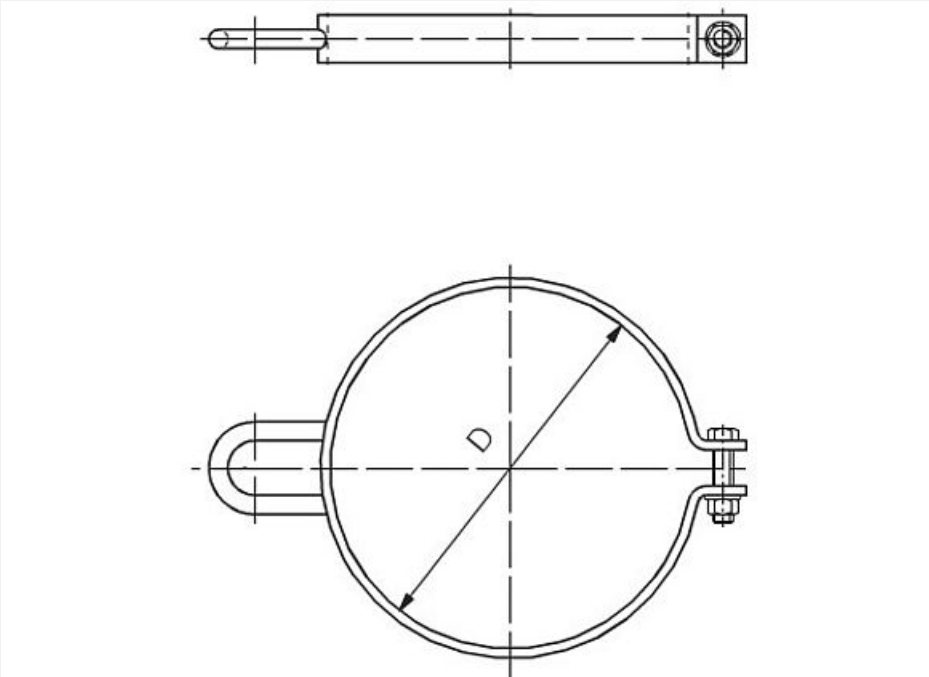
Pulley

made of aluminium



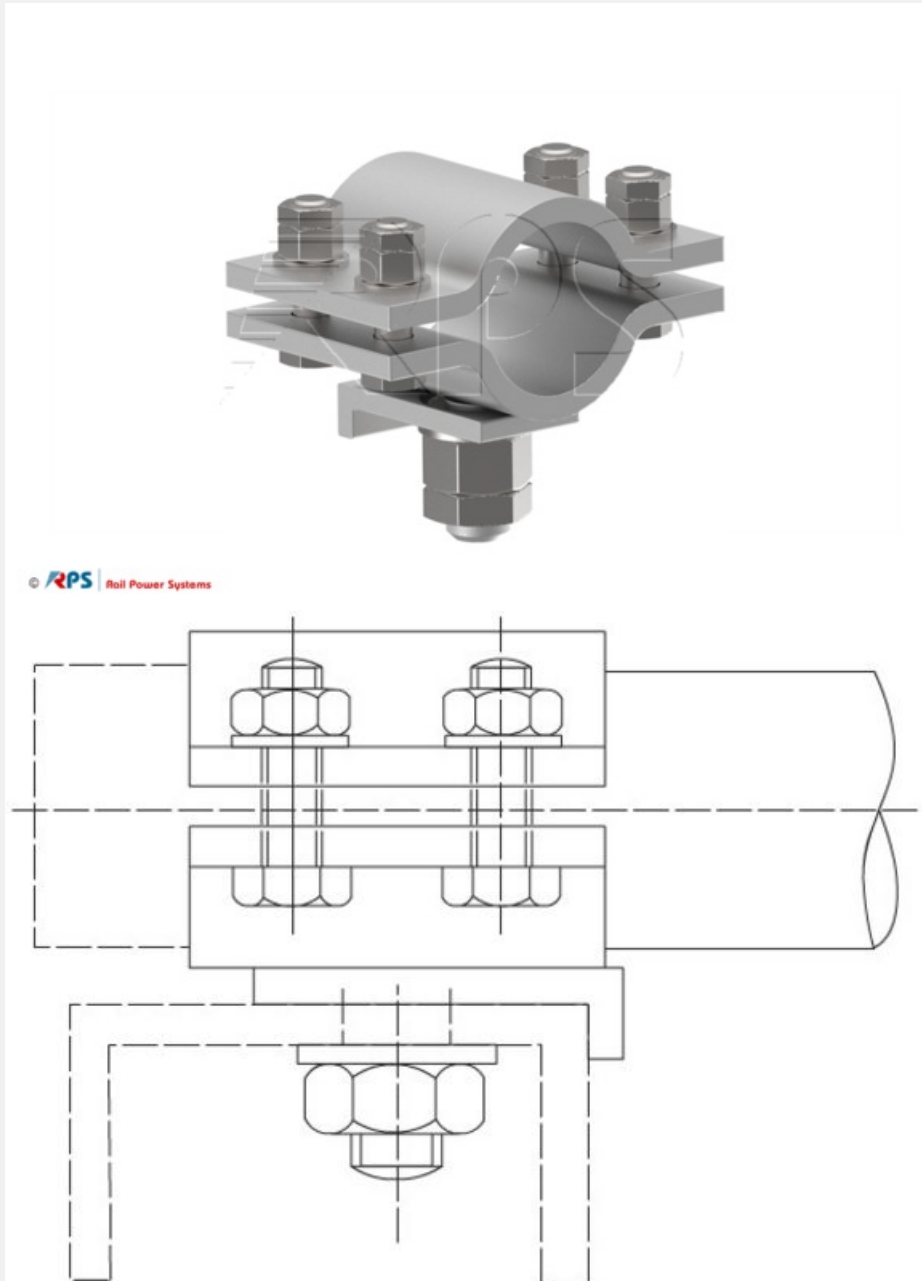
Material-ID	Weight	Drawing Number
3EGF001724	0,60 kg	Ebs 08.10.01 T. 1

Guiding Strap Clamp



Material-ID	Weight	Diameter	Drawing Number
3EGF011338	1,270 kg	208 mm	Ebs 08.10.31 e
3EGF011339	1,645 kg	305 mm	Ebs 08.10.31 f
3EGF011340	1,845 kg	355 mm	Ebs 08.10.31 g
3EGF011337	2,085 kg	415 mm	Ebs 08.10.31 h

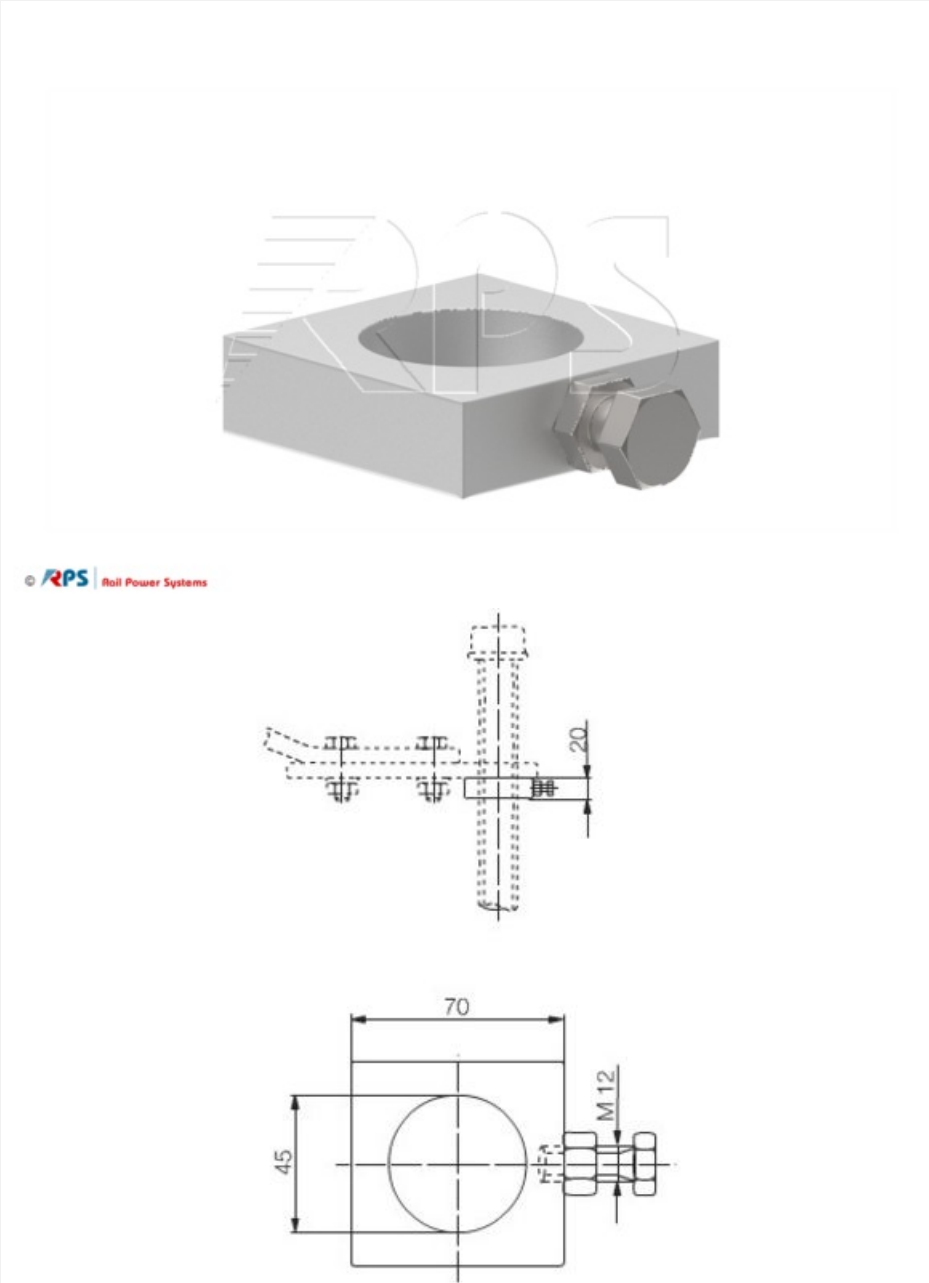
Tube clamp



Material-ID	Weight	Drawing Number
3EGF003104	0,956 kg	Ebs 08.10.30

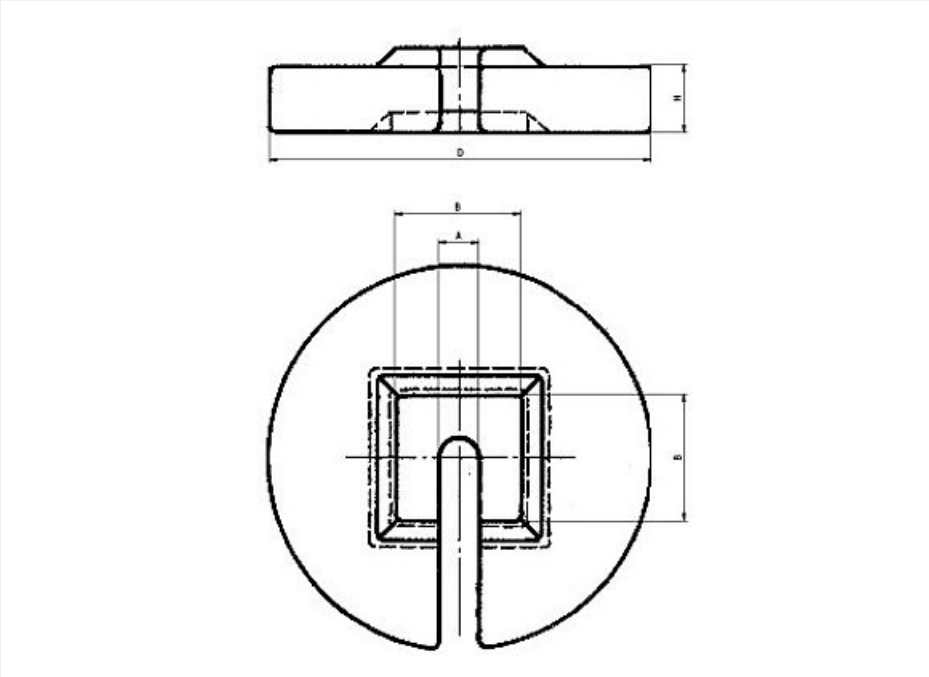
Adjusting Ring

For balance weight guide tube Ø 32 mm



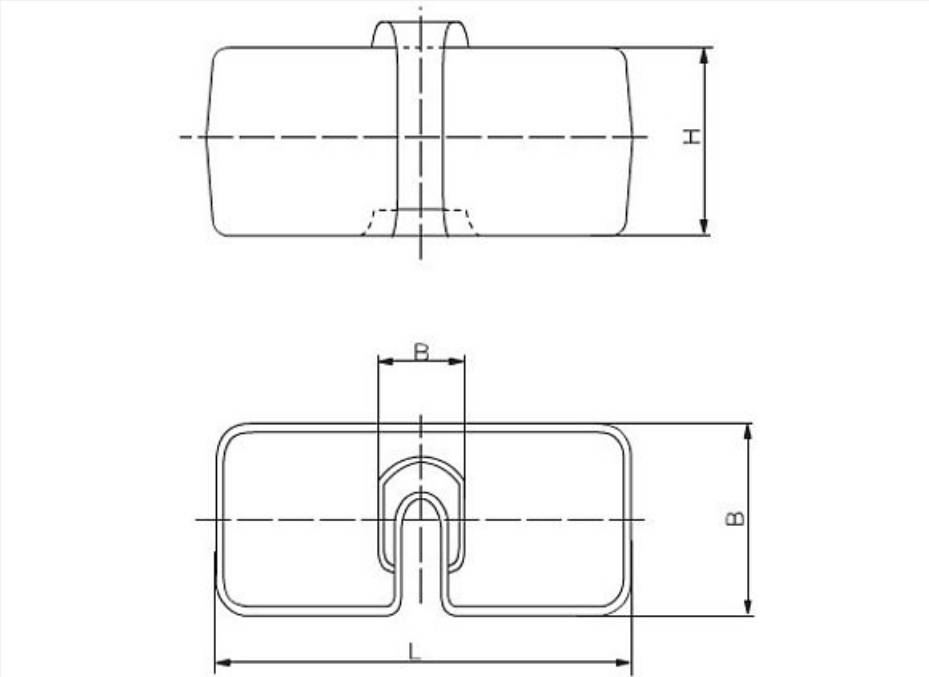
Material-ID	Name	Weight	Diameter	Drawing Number
3EGF001786	Adjusting ring	0,25 kg	42 mm	Ebs 08.10.23

Balance Weight Segment, circular



Material-ID	Weight	A	B	Diameter	Height	Drawing Number
3EGF001736	25 kg	30 mm	100 mm	350 mm	115 mm	Ebs 08.10.04
3EGF019529	25 kg	28 mm	58 mm	203 mm	120 mm	3EGF023301Z4093
3EGF019530	12,5 kg	28 mm	58 mm	200 mm	60 mm	3EGF023302Z4093
3EGF019531	25 kg	28 mm	100 mm	300 mm	53 mm	3EGF023331Z4093
3EGF019532	12,5 kg	28 mm	100 mm	300 mm	26 mm	3EGF023305Z4093
3EGF019533	50 kg	28 mm	100 mm	410 mm	55 mm	3EGF023303Z4093

Balance Weight Segment, rectangular



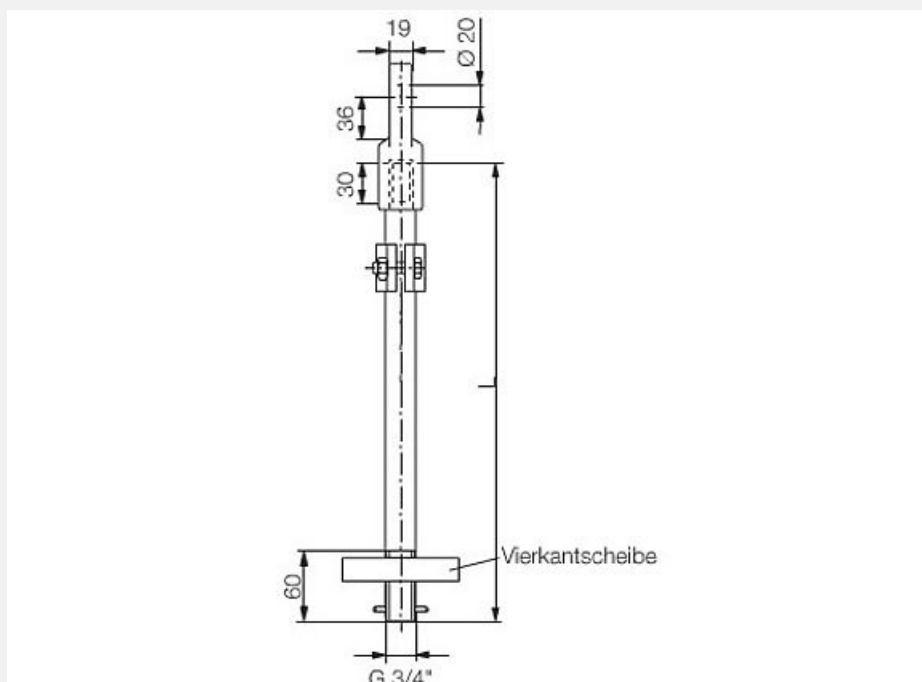
Material-ID	Weight	Build Type	B	L	Height	Drawing Number
3EGF011666	25 kg		116 mm	214 mm	160 mm	GVT4507702 B
3EGF006402	25 kg	with guide slot	140 mm	240 mm	125 mm	GVT4507702 C
3EGF011667	25 kg	with external covering	120 mm	240 mm	133 mm	GVT4507702 D

Balance Weight Rod Assembly

To install balance weight set.

Balance weight segments not included;

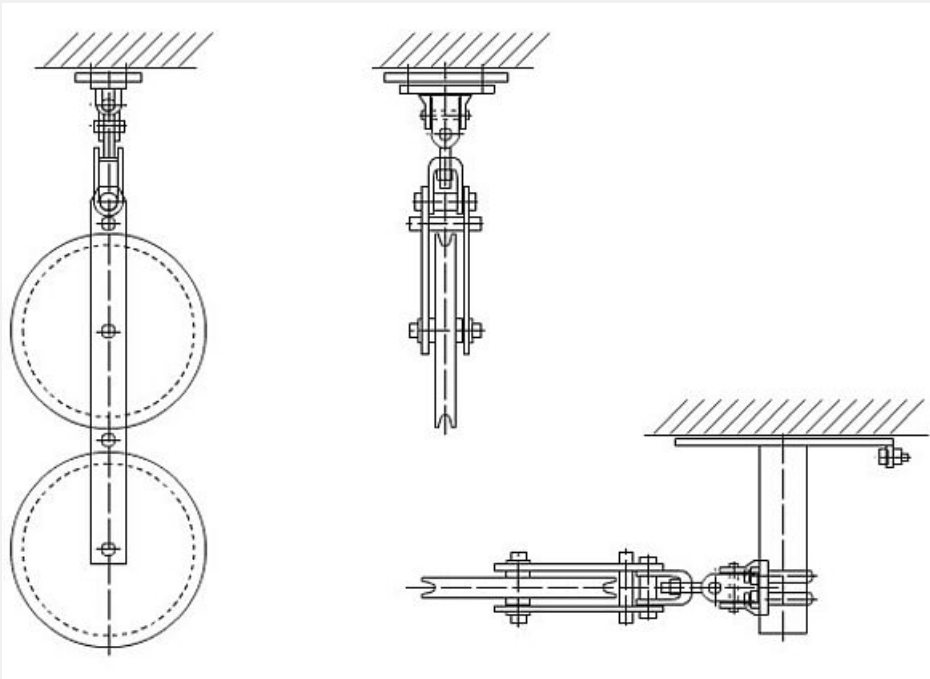
square washer: 20x100x100 mm



Material-ID	Material	Weight	L	Drawing Number
3EGF001783		1,44 kg	1700 mm	Ebs 08.10.22 e
3EGF001800		3,72 kg	850 mm	Ebs 08.10.33 c
3EGF006358		2,00 kg	zu bestimmen mm	GVT3507666 I
3EGF019535	S235JR+C tZn	6,5 kg	750 mm	3EGF023967Z1093 A
3EGF019543	S235JR+C tZn	9,0 kg	1740 mm	3EGF023972Z1093 C
3EGF019545	S235JR+C tZn	10,9 kg	2200 mm	3EGF023972Z1093 D
3EGF019541	S235JR+C tZn	6,7 kg	1770 mm	3EGF023973Z1093 B
3EGF019550	S235JR+C tZn	330 kg	890 mm	3EGF023973Z1093 C
3EGF019553	S235JR+C tZn	3,5 kg	550 mm	3EGF023973Z1093 D
3EGF019555	S235JR+C tZn	8 kg	1800 mm	3EGF023973Z1093 E
3EGF019557	S235JR+C tZn	10,3 kg	2180 mm	3EGF023973Z1093 F
3EGF019563	S235JR+C tZn	3,9 kg	660 mm	3EGF023973Z1093 I
3EGF019565	S235JR+C tZn	11,4 kg	2300 mm	3EGF023973Z1093 K

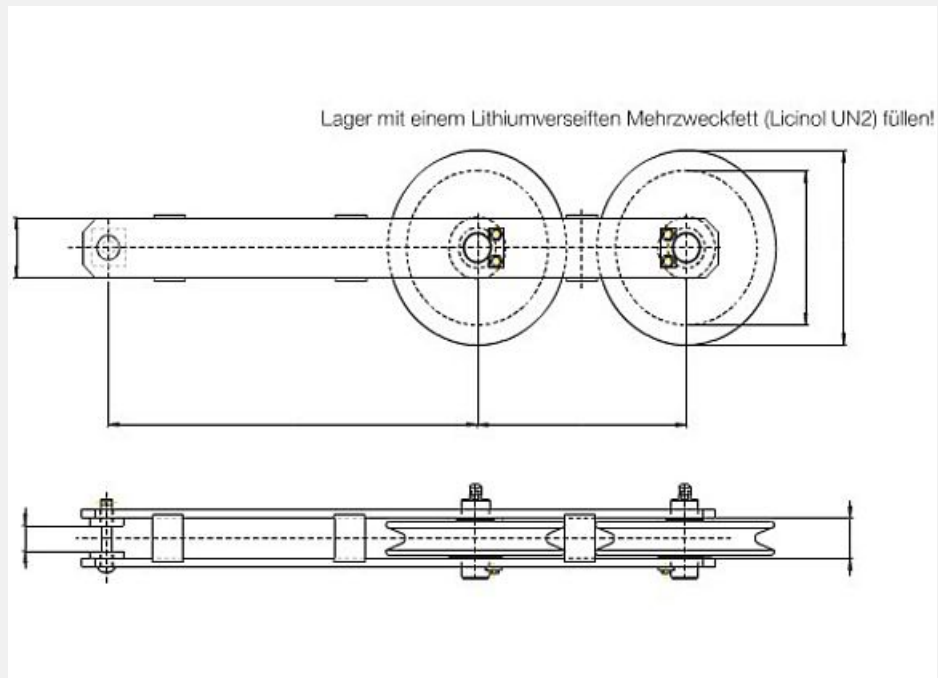
Guide pulley assembly

up to Re 250



Material-ID	Build Type	Drawing Number
3EGF012683	individual	Ebs 08.10.40 a
3EGF012684	double pulley	Ebs 08.10.40 b
3EGF012685	single pulley with drop tube	Ebs 08.10.40 c

Guide Pulley Assembly



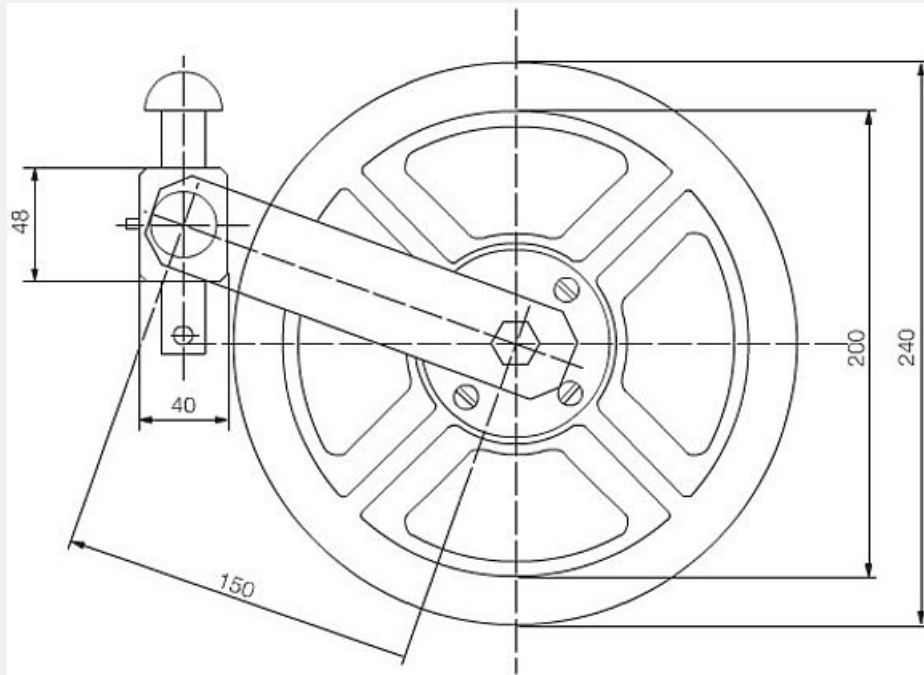
Material-ID

3EGF012026

Drawing Number

002450Z5093

Guide Pulley Assembly



Material-ID

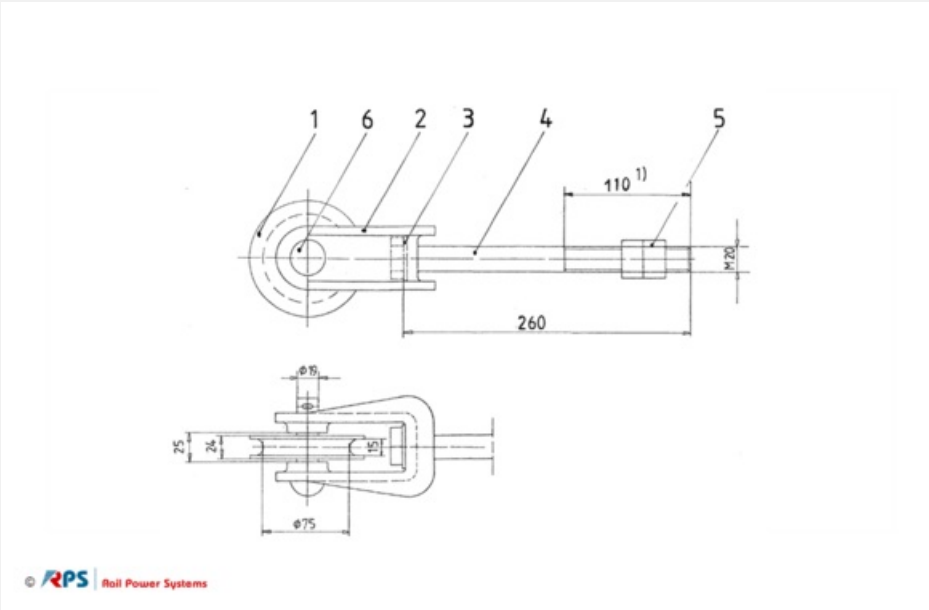
Drawing Number

3EGF003131

Ebs 25.05.380

Guide Pulley Assembly

For balance weights suspension positioning in H-beam and hollow box-type poles. Clevis made of cast aluminium, pulley made of aluminium, bolt made of stainless steel.

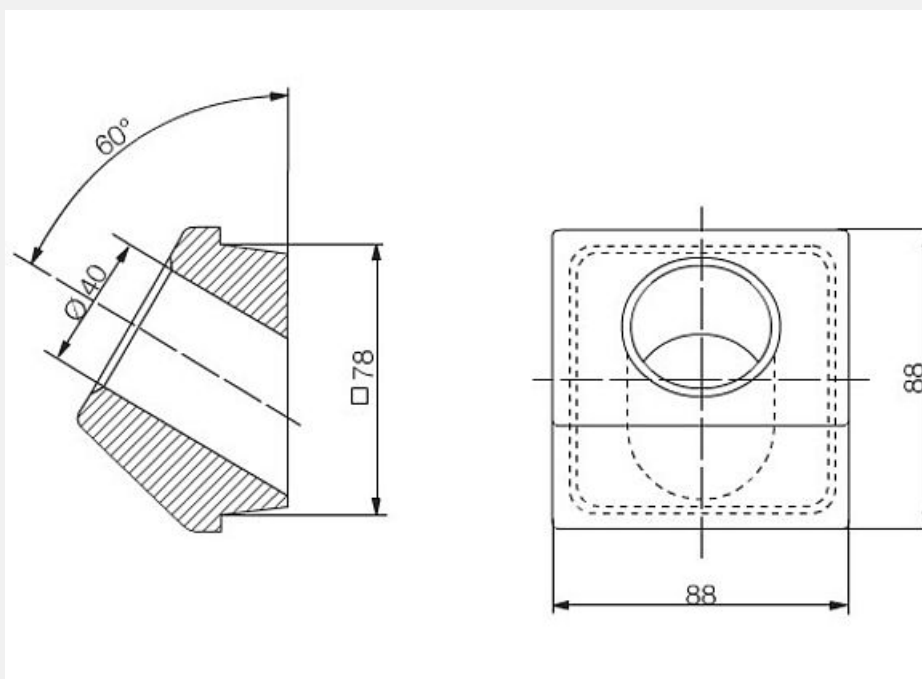


Material-ID	Name	Weight	Drawing Number
3EGF006413	Diverter pulley	1,40 kg	GVT4507720

Tapered washer

To install guide pulley at rectangular steel masts.

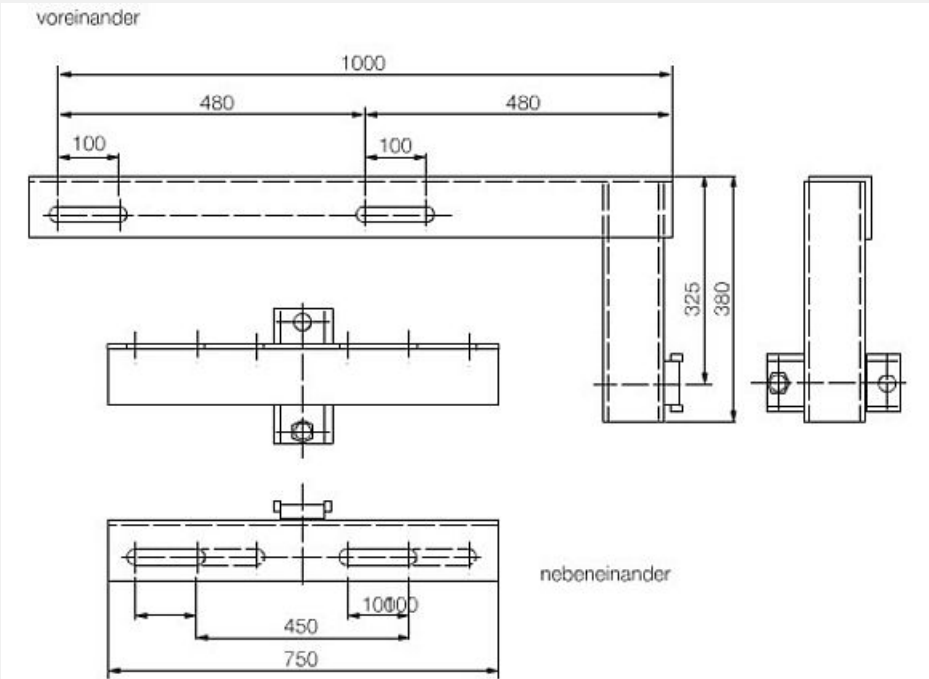
Made of cast aluminium.



Material-ID	Weight	Drawing Number
3EGF006397	0,9 kg	GVT3507698

Mast bracket

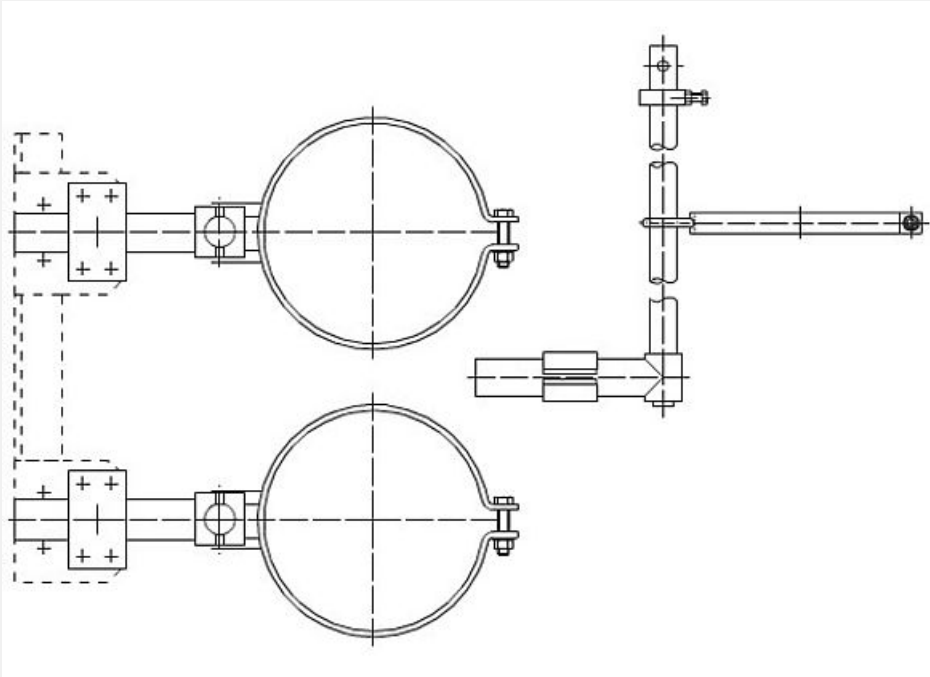
For two balance weight guides at concrete masts.



Material-ID	Build Type	Drawing Number
3EGF001776	one in front of the other	Ebs 08.10.21 a
3EGF001779	abreast right	Ebs 08.10.21 b
3EGF001778	abreast left	Ebs 08.10.21 b

Balance Weight Guide

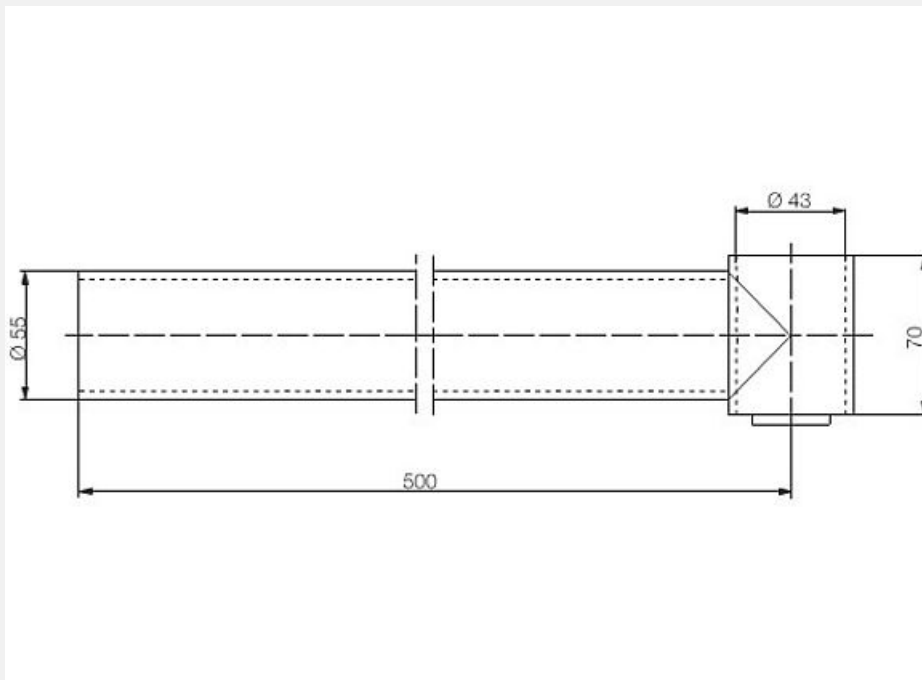
For two balance weight sets, side by side, at concrete masts and lattice masts.



Material-ID	Pipe Diameter	Drawing Number
3EGF001761	42 mm	Ebs 08.10.09 a
3EGF001762	42 mm	Ebs 08.10.09 b
3EGF001759	42 mm	Ebs 08.10.09 c
3EGF001764	42 mm	Ebs 08.10.09 d

Lower bracket

For mounting the balance weight guide tube Ø 42 mm. Material: Aluminium

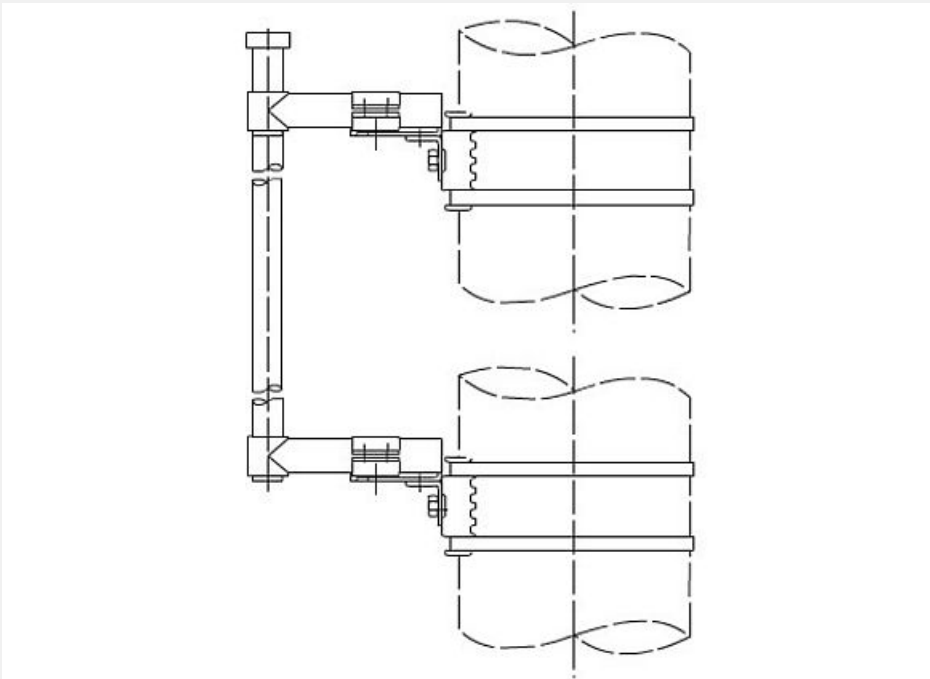


Material-ID	Weight	Drawing Number
3EGF003098	1,25 kg	Ebs 08.10.29 c

Balance Weight Guide

For one balance weight set.

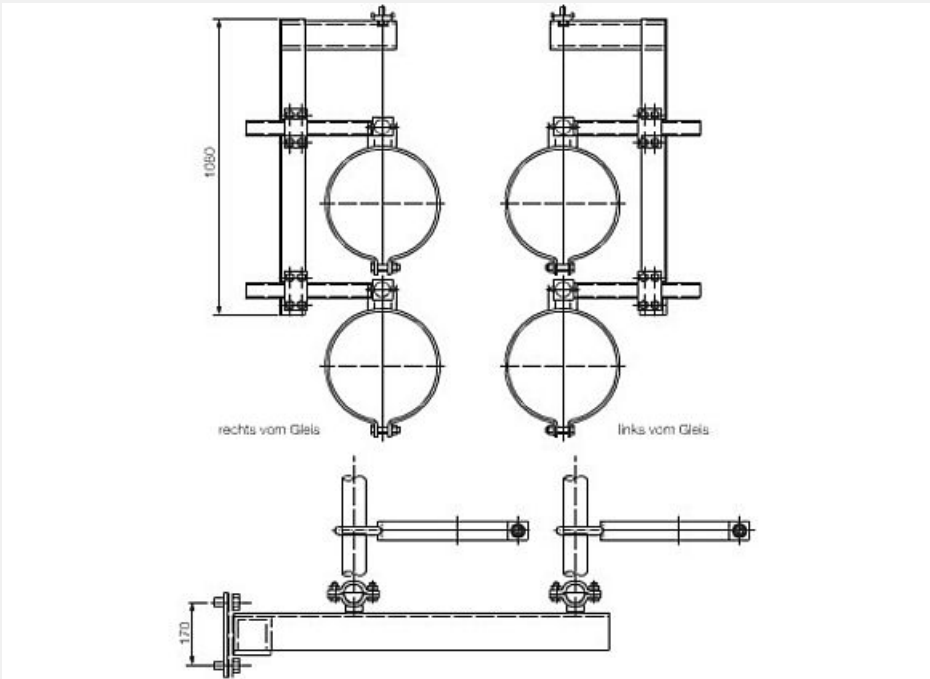
Corrosion-resistant; guide tube and support made of aluminium.



Material-ID	Pipe Diameter	Drawing Number
3EGF011617	42 mm	GVT3507722 I

Balance Weight Guide (High Speed)

For two balance weight sets, one in front of another, at concrete masts.



Material-ID	Build Type	Drawing Number
3EGF011070	right of track	Ebs 08.10.16 a
3EGF011071	left of track	Ebs 08.10.16 b

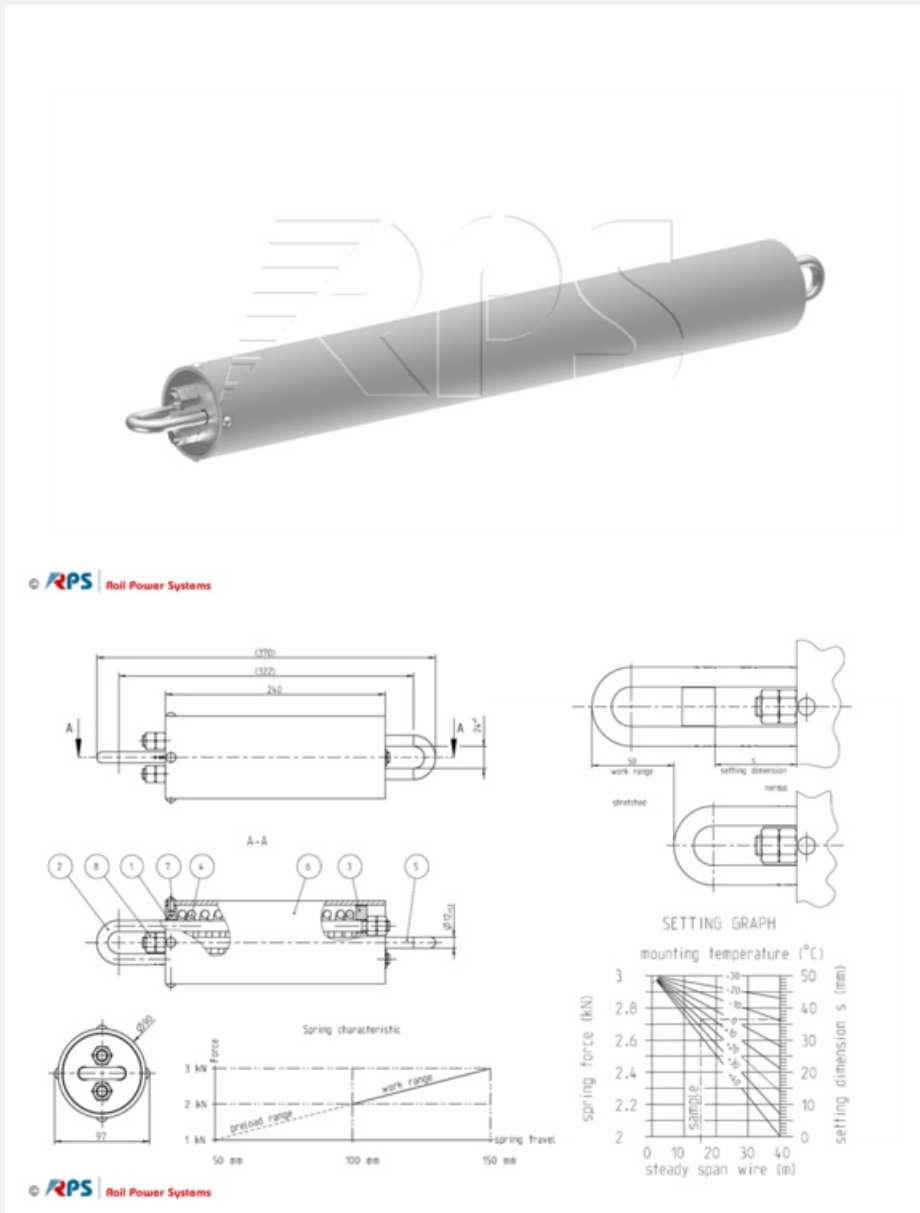
Tension springs

Spring for cross span wires

For cross span wires.

Hub / Stroke: 50 mm;

Kraft / Force: 2-3 kN

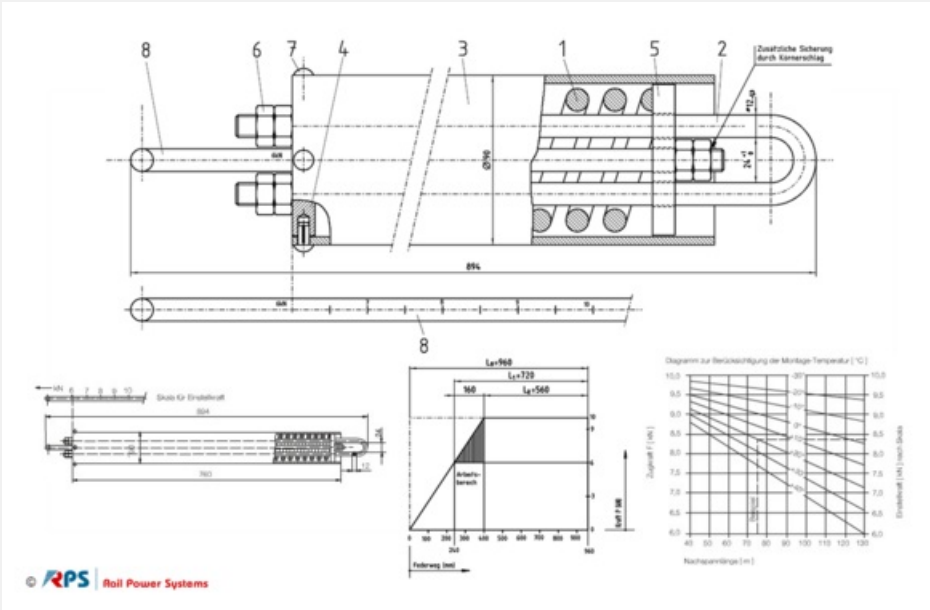


Material-ID	Name	Weight	L	Drawing Number
3EGF006315	Cross span tensioning spring	3,6 kg	350 mm	GVT3507378
3EGF006367	Cross span tensioning spring	5,7 kg	550 mm	GVT3507668 II
3EGF002272	Cross span tensioning spring	8,5 kg	859 mm	3EGF019161Z1093

Tension Spring 130 m

For tensioning of catenary and contact wire.

Max. span length: 130 m
6-10 kN

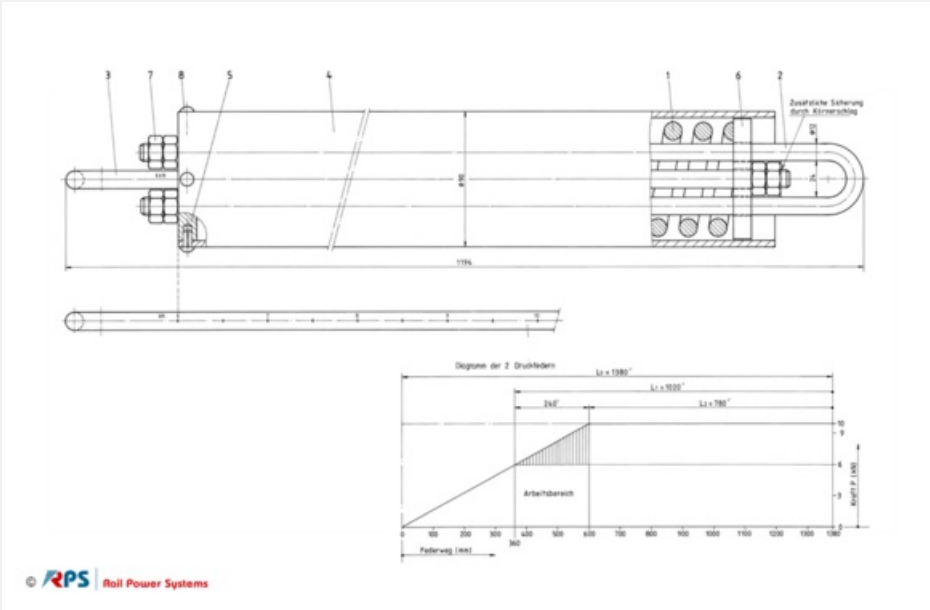


Material-ID	Name	Weight	Drawing Number
3EGF006343	Spring tensioning mechanism	13,0 kg	GVT3507613

Tension Spring 200 m

For tensioning of catenary and contact wire.

Max. span length: 200 m
6-10 kN



Material-ID	Name	Weight	Drawing Number
3EGF006356	Srping tensioning mechanism	17,0 kg	GVT2507642

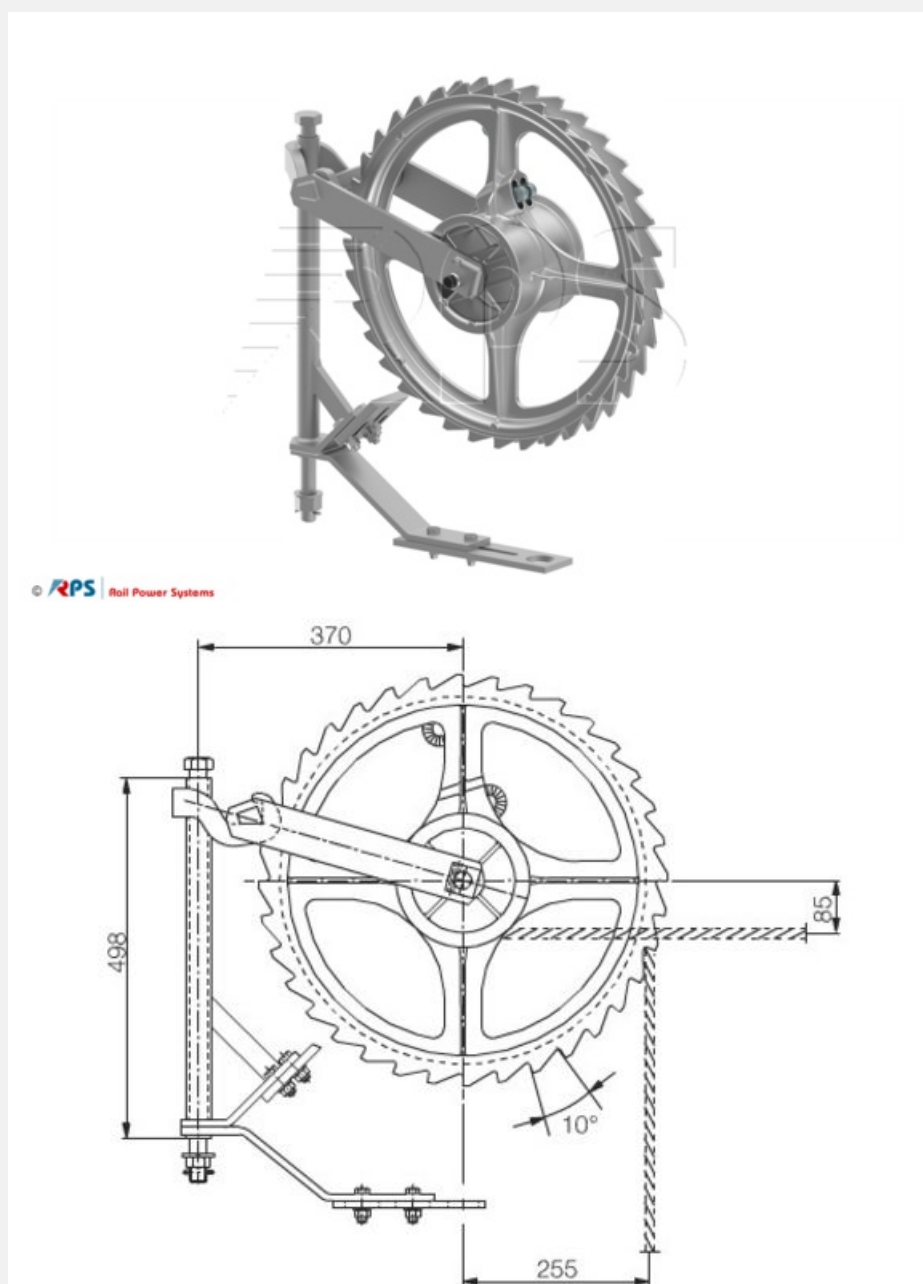
Tensioning wheel

Tension wheel assembly

For automatic tensioning of catenary and contact wire with tensile force up to 20 kN, ratio 1:3.

Wheel body made of cast aluminium.

Steel cable 50 mm² 3EGF002731 not included.



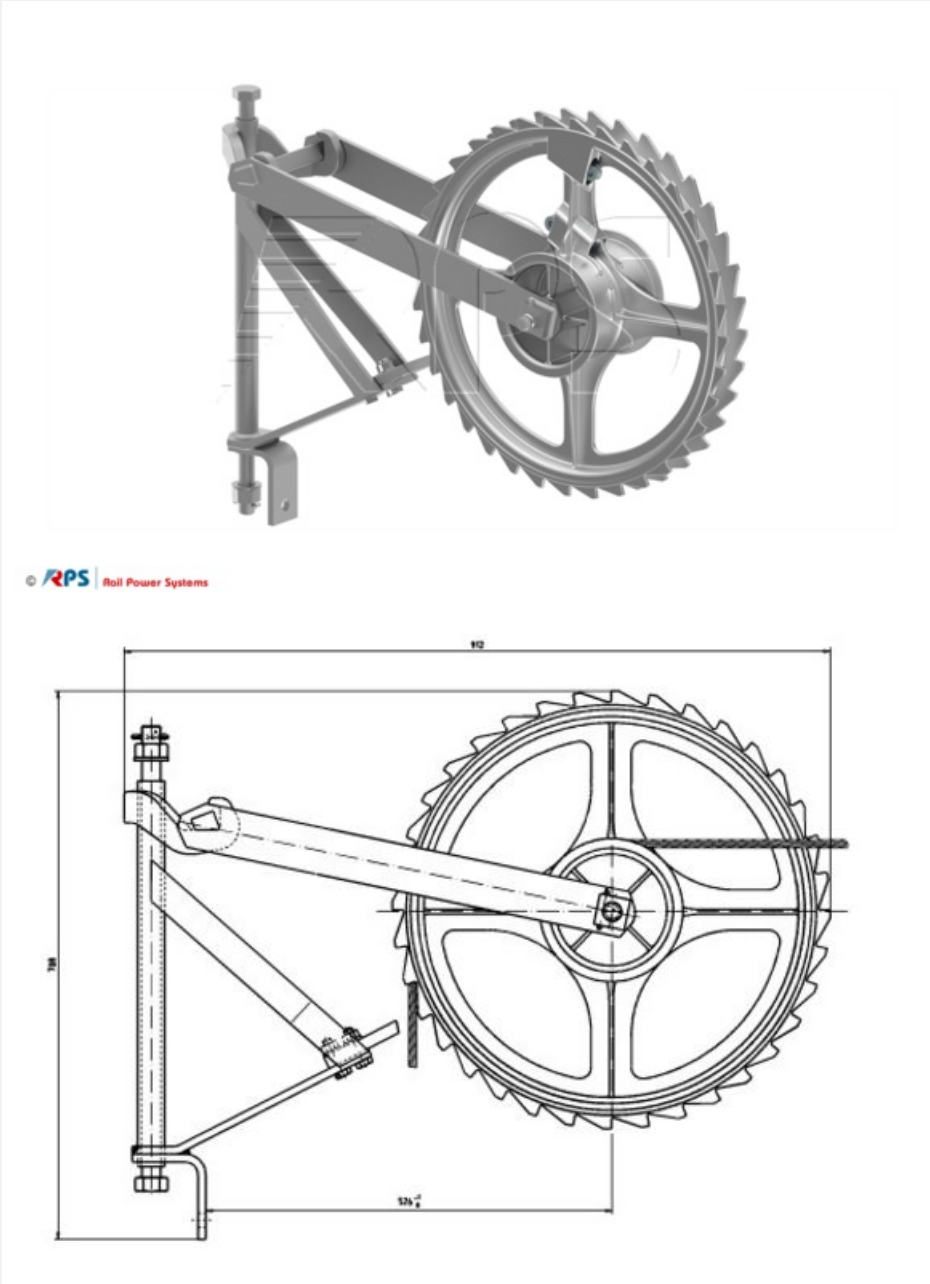
Material-ID	Name	Nominal Force	Weight	Drawing Number
3EGF001661	Tension wheel assembly	20 kN	27 kg	Ebs 08.02.02 Bl. 2
3EGF001662	Tension wheel assembly	20 kN	27 kg	3EGF011524Z2093

Tensioning wheel assembly, reverse

For automatic tensioning of catenary and contact wire with tensile force up to 20 kN, ratio 1:3.

Wheel body made of cast aluminium.

Steel cable 50 mm² 3EGF002731 not included.



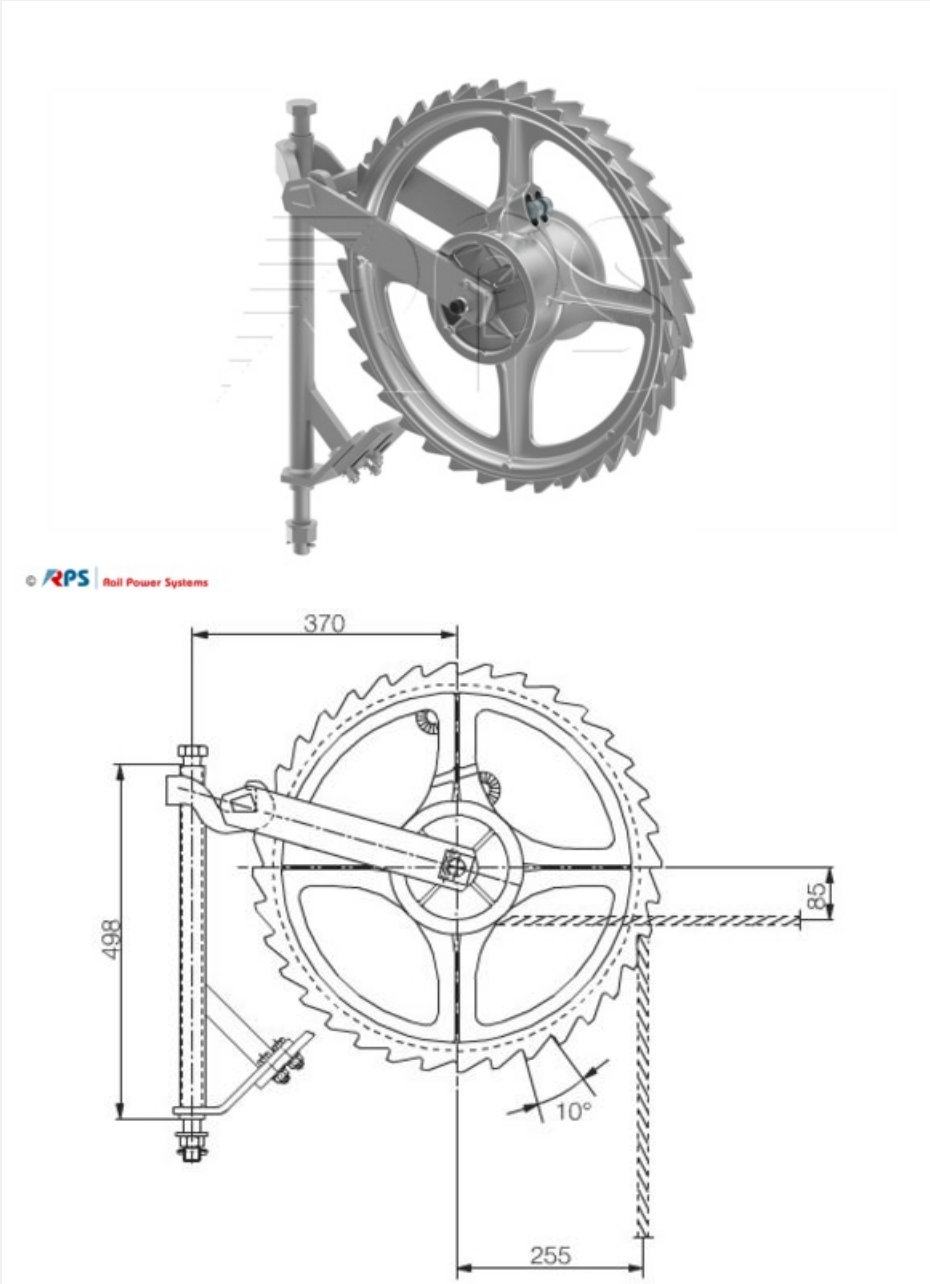
Material-ID	Drawing Number	Weight	Nominal Force
3EGF006308	GVT2507114	28,0 kg	20 kN

Tension wheel assembly

For automatic tensioning of catenary and contact wire with tensile force up to 20 kN, ratio 1:3.

Wheel body made of cast aluminium.

Steel cable 50 mm² 3EGF002731 not included.



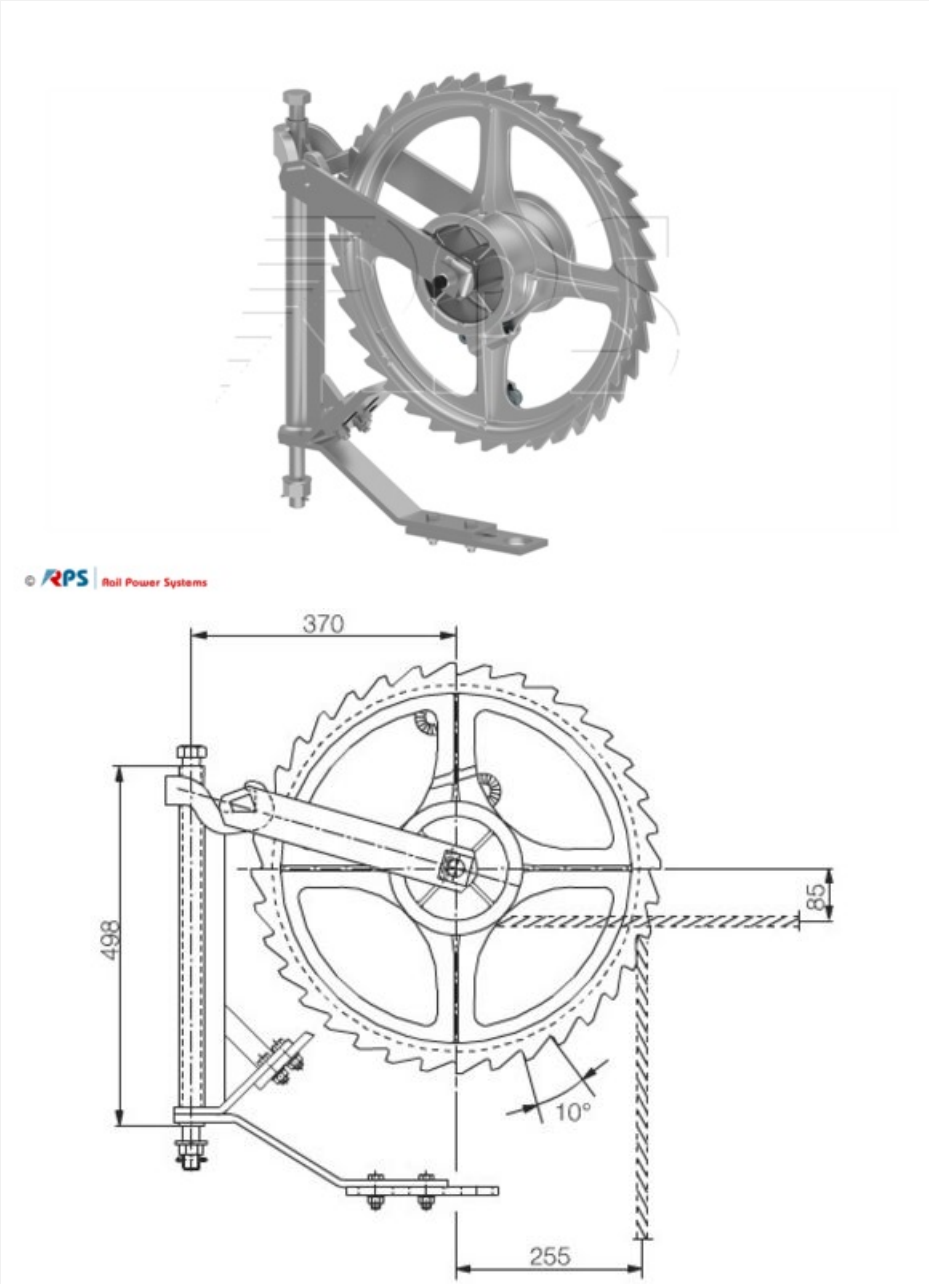
Material-ID	Drawing Number	Weight	Nominal Force	Material Mounting	Material Wheel Body
3EGF010865	GVT3507893	23,5 kg	20 kN	St	G-Al

Tension wheel assembly

For automatic tensioning of catenary and contact wire with tensile force up to 30 kN, ratio 1:3.

Wheel body made of cast aluminium.

Steel cable 50 mm² 3EGF002731 not included.



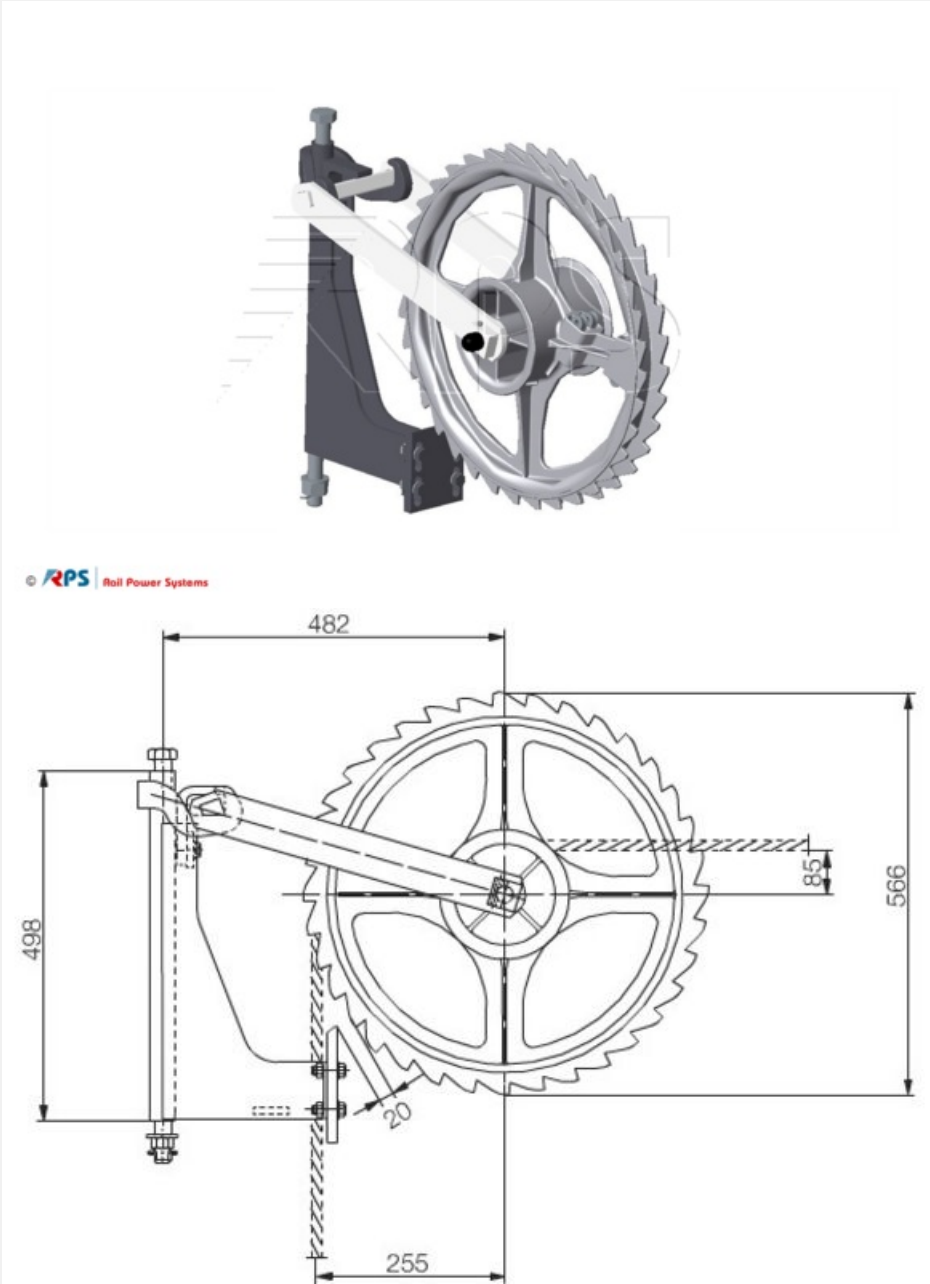
Material-ID	Drawing Number	Weight	Nominal Force	Material Mounting
3EGF001674	Ebs 08.06.02 Bl. 3 a	28,0 kg	30 kN	nrSt
3EGF006445	Ebs 08.06.02 Bl. 3 b	28,0 kg	30 kN	St

Tension wheel assembly, reverse

For automatic tensioning of catenary and contact wire with tensile force up to 30 kN, ratio 1:3.

Wheel body made of cast aluminium.

Steel cable 50 mm² 3EGF002731 not included.

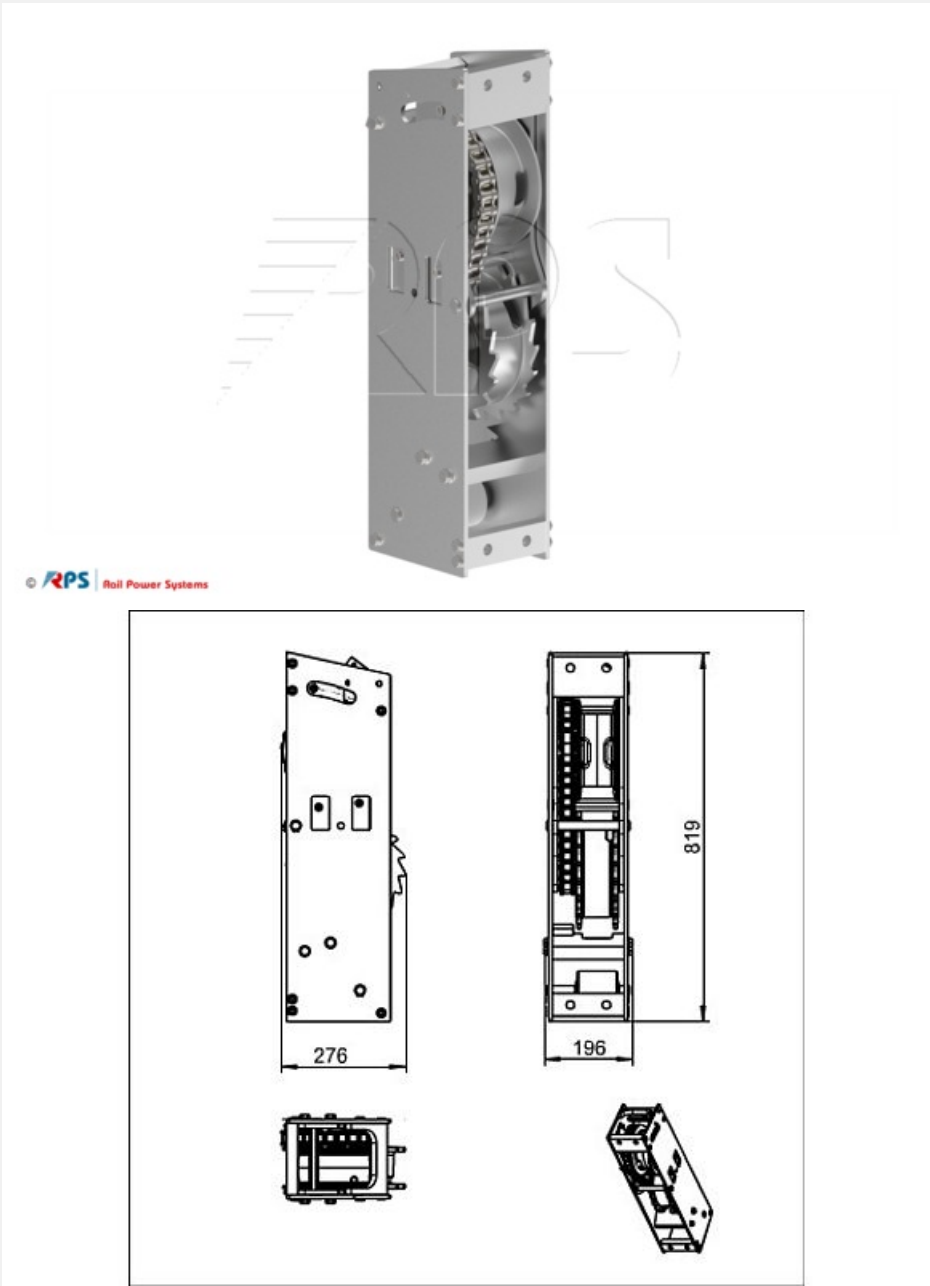


Material-ID	Drawing Number	Weight	Nominal Force	Material Mounting
3EGF006371	GVT1507676	29,5 kg	30 kN	St
3EGF001669	Ebs 08.04.02 Bl. 2	29,5 kg	30 kN	nrSt

TracFeed® NSV Integrated Tension

TracFeed® NSV - Integrated Tension Wheel Assembly Tensioning device
fully integrated into the steel mast.

Designed for catenary systems or flat catenary contact systems, especially with inner-city or suburban tram Networks.



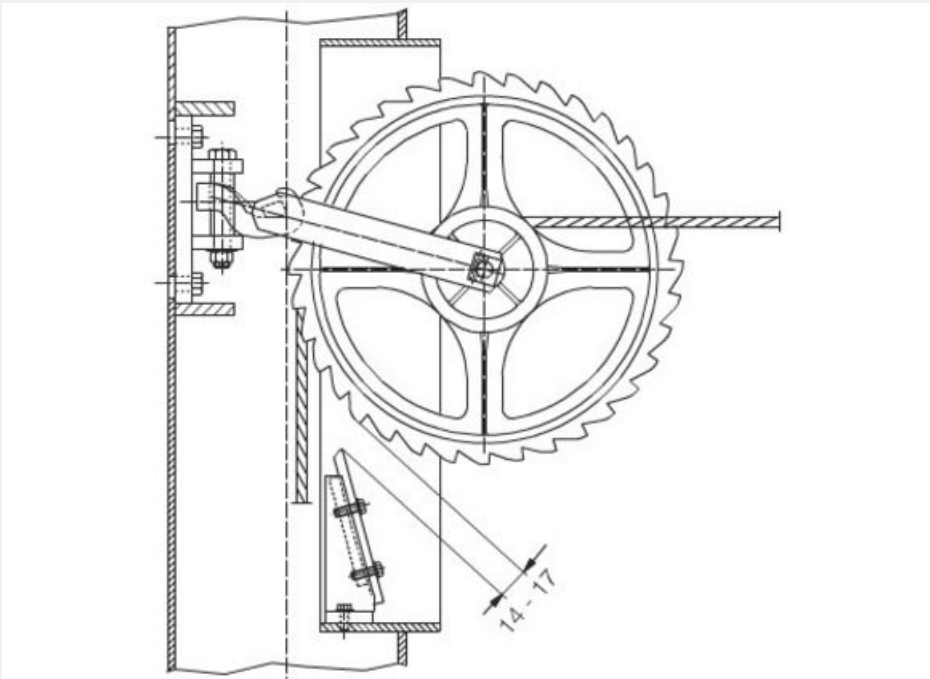
Material-ID	Drawing Number	Weight	Mechanical Force
3EGF018129	3EGF018319Z4093	42 kg	12

Tension wheel assembly, reverse, inside mast

For automatic tensioning of catenary and contact wire with tensile force up to 30 kN, ratio 1:3;

Wheel body made of cast aluminium.

Steel cable 50 mm² 3EGF002731 not included.

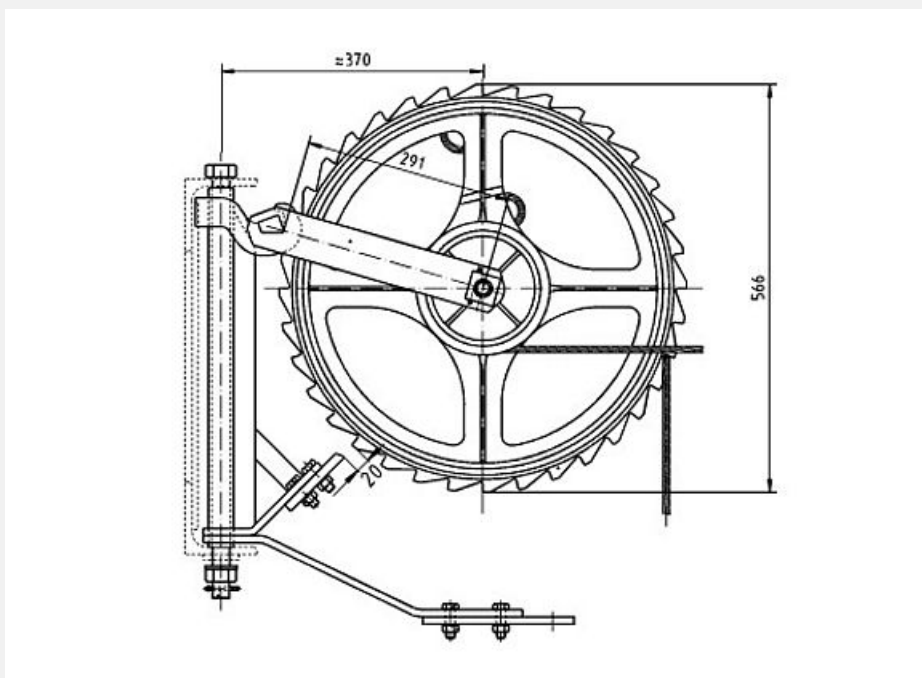


Material-ID	Drawing Number	Weight	Nominal Force	Material Mounting
3EGF009749	GVT3507846 A	25,4 kg	30 kN	St
3EGF010867	GVT3507846 B	25,3 kg	30 kN	St

Tension wheel assembly

For automatic tensioning of catenary and contact wire with tensile force up to 20 kN, ratio 1:3, wheel body made of cast aluminium. Steel wire 50 mm² 3EGF002731 included.

Usage: catenary wire.



Material-ID	Drawing Number	Weight	Nominal Force
3EGF009522	EBS08.06.02 B BI3	30 kg	30 kN
3EGF007868	EBS08.02.22	30 kg	20 kN
3EGF007869	EBS08.02.22	30 kg	20 kN

