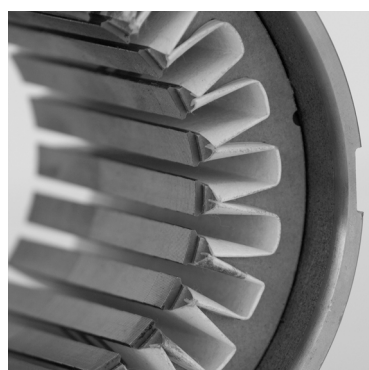
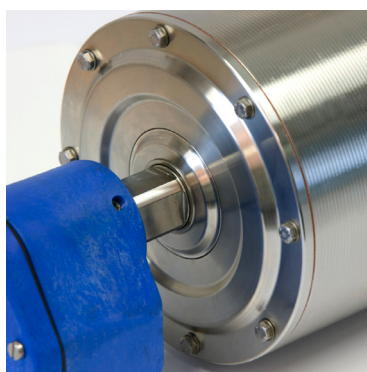


Product information

Drummotors

TM 215-30



Van der Graaf
Power Transmission Equipment





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Introduction

This catalogue contains standard designs of the TM 215-30. This drummotor can be provided in steel or (partly) stainless steel (304 or 316). Stainless steel executions have different dimensions then steel executions.

For different lengths or executions please contact us or your local distributor.

We reserve the right to change technical specifications.

Address details

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Product overview TM 215-30

TYPE TM 215.30	Power kW	Beltspeed m/s at 50 Hz Beltpull N								Min. L mm Design A	Min. L mm Design B	Full load curr. 400 V - 50 Hz I = ... A	Weight kg L=500			
230 230 ZV	2,20	5,30 395 1,90 1100	4,50 460 1,70 1230	3,70 565 1,60 1305	3,40 615 1,50 1395	2,80 745 1,40 1495	1,20 1745		400	450	5,6	48				
220 220 Z	1,50	5,30 270 1,90 750	4,50 315 1,70 840	3,70 385 1,60 890	3,40 420 1,50 950	2,80 510 1,40 1020	2,30 620 1,20 1190	1,10 1295	350	400	3,1	47				
420 420 Z 420 ZV	1,50	3,30 430 1,10 1295 0,90 1585	2,80 510 1,00 1425 0,85 1675	2,40 595 0,80 1780	2,10 680 0,70 2035	1,70 840 	1,50 950 	400		450	3,7	48				
415 415 Z 415 ZV	1,10	2,70 385 0,90 1160 0,65 1610	2,30 455 0,85 1230 0,60 1725	1,90 550 0,80 1305 0,55 1900	1,70 615 0,75 1395 	1,40 745 	1,20 870 	350		400	2,8	47				
410 410 Z 410 ZV 410 PL 2	0,75	2,70 265 0,85 840 0,45 1585 0,36 1915	2,30 310 0,80 890 0,30 2300	1,90 375 0,75 950 	1,70 420 0,65 1095 	1,40 510 0,60 1190 	1,20 595 0,55 1295 	1,00 715 	0,90 790 	350 400	400 425	1,9	46			
475 475 Z 475 PL 2	0,55	2,70 195 0,65 805 0,24 2110	2,30 225 0,60 870 	1,90 275 0,55 950 	1,70 305 0,45 1160 	1,40 375 0,40 1305 	1,20 435 	1,00 525 	0,90 580 	0,70 745 	350 400	400 425	1,6	45		
675 675 Z 675 ZV	0,55	1,25 420 0,50 1045 0,30 1740	0,75 695 0,38 1375 	0,36 1450 									350	400	1,6	47



TYPE TM 215.30	Power kW	Beltspeed m/s at 50 Hz Beltpull N										Min. L mm Design A	Min. L mm Design B	Full load curr. 400 V - 50 Hz I = ... A	Weight kg L=500	
605	0,37	1,80 195	1,50 235	1,25 280	1,20 295	0,90 390	0,75 470	0,65 540	0,60 585			350	400	1,4	46	
605 Z		0,45 780	0,40 880	0,38 925	0,36 975	0,30 1170	0,27 1300									
605 PL2		0,24 1420	0,20 1700	0,16 2130							400	425				
634	0,25	1,80 130	1,50 160	1,25 190	1,20 200	0,90 265	0,75 315	0,65 365	0,60 395	0,45 530	0,40 595	350	400	0,9	45	
634 Z		0,38 625	0,36 660	0,30 790	0,27 880											
834	0,25	1,40 170	0,85 280	0,70 340	0,55 430	0,50 475							350	400	1,0	47
834 Z		0,22 1080	0,20 1190													
834 PL2		0,18 1280	0,16 1440	0,12 1915							400	425				
825	0,18	1,40 120	1,20 145	0,90 190	0,85 200	0,70 245	0,55 310	0,50 340	0,45 380	0,34 505	0,30 570	350	400	0,9	46	
825 Z		0,26 660	0,22 775	0,20 855												
818	0,13	1,40 90	1,20 105	0,90 135	0,85 145	0,70 175	0,55 225	0,50 245	0,45 275	0,34 365	0,30 410	350	400	0,6	45	
818 Z		0,26 475	0,22 560	0,20 620												
1218	0,13	0,60 205	0,18 685									350	400	0,9	47	
1218 Z		0,17 725	0,15 825	0,13 950												
1218 PL2		0,12 995	0,09 1330	0,08 1495							400	425				
1213	0,10	0,85 110	0,70 135	0,60 160	0,55 175	0,45 210	0,36 265	0,32 300	0,29 330	0,22 430	0,18 530	350	400	0,8	46	
1213 Z		0,17 560	0,15 635	0,13 730												

Available standard facewidth's: 350 - 400 - 425 - 450 - 500 - 550 - 600 - 650 - 700 - 750 - 800 - 850 - 900 - 950 - 1000 mm

Other beltspeeds and facewidth's upon request.

Two speed drummotors upon request.

Other powers and frequencies upon request.

When an electro-mechanical brake is fitted, the minimum facewidth is increased by 100 mm.

The total weight of a drummotor grows approx. 4,5 kg. per 100 mm.

Available torque: (Beltpull N x Drumdiameter m)/2 Nm (max. 260 Nm)

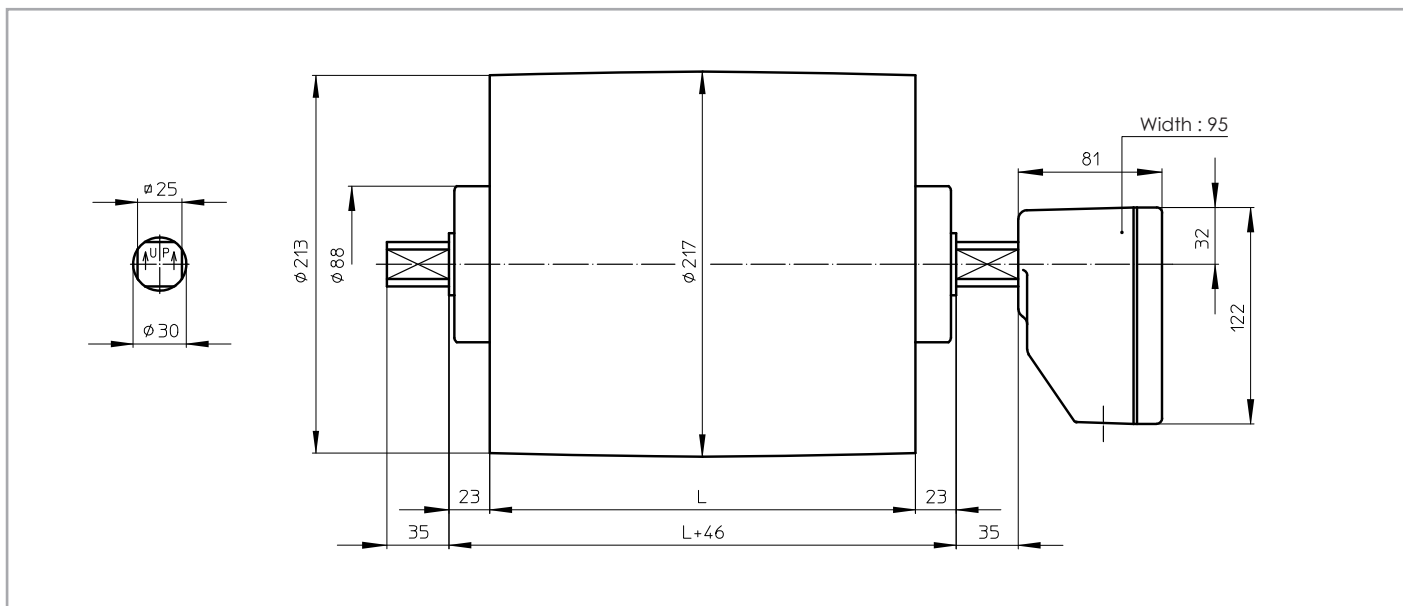
We reserve the right to technical specification changes.



Dimensions drummotors

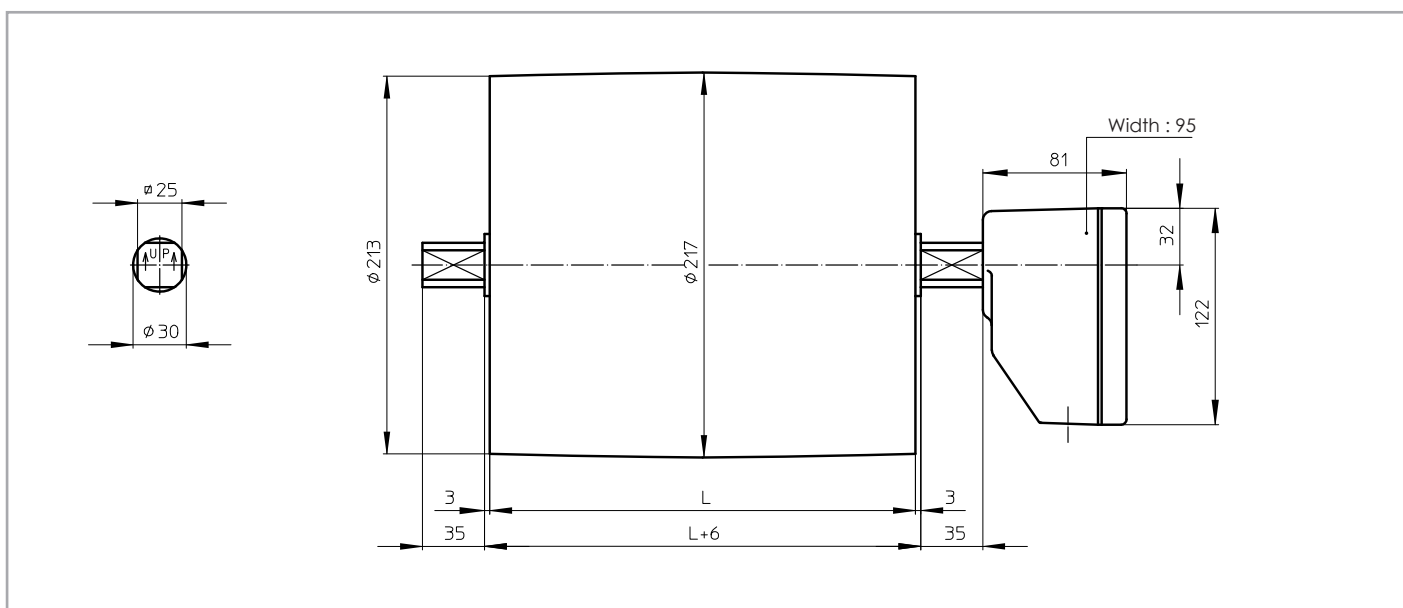
TM 215A30

TM 215A30, mildsteel drummotor with cast iron junction box



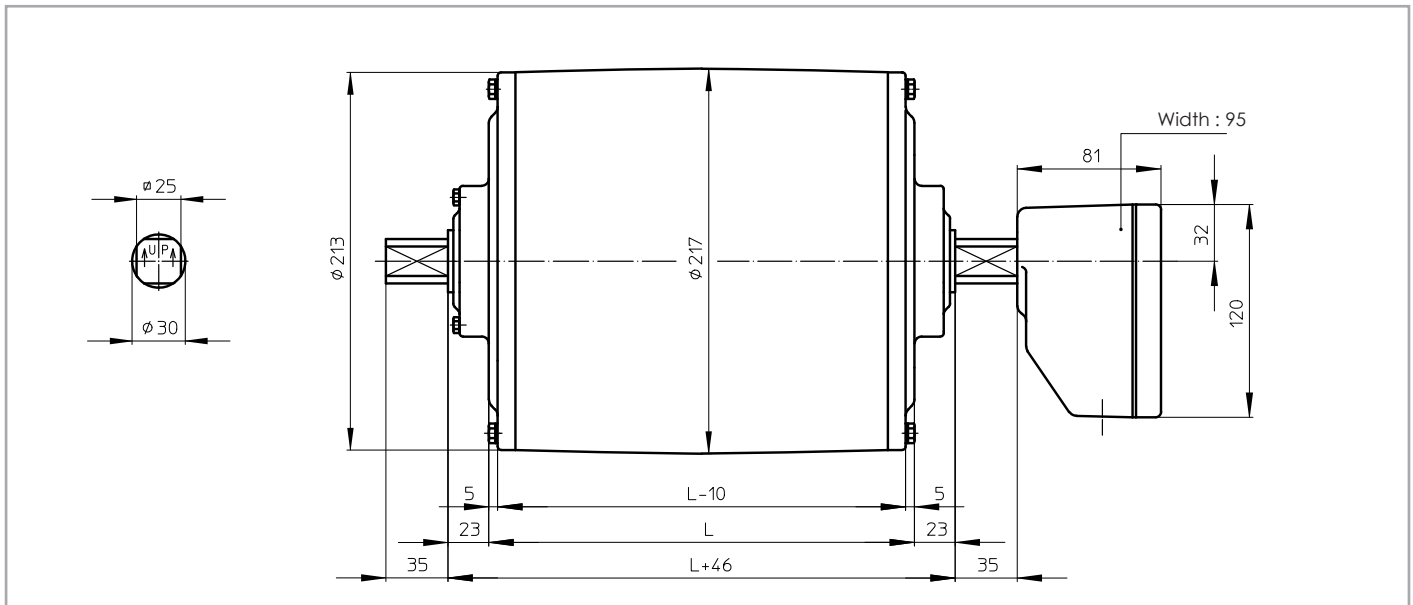
TM 215B30

TM 215B30, mildsteel drummotor with cast iron junction box



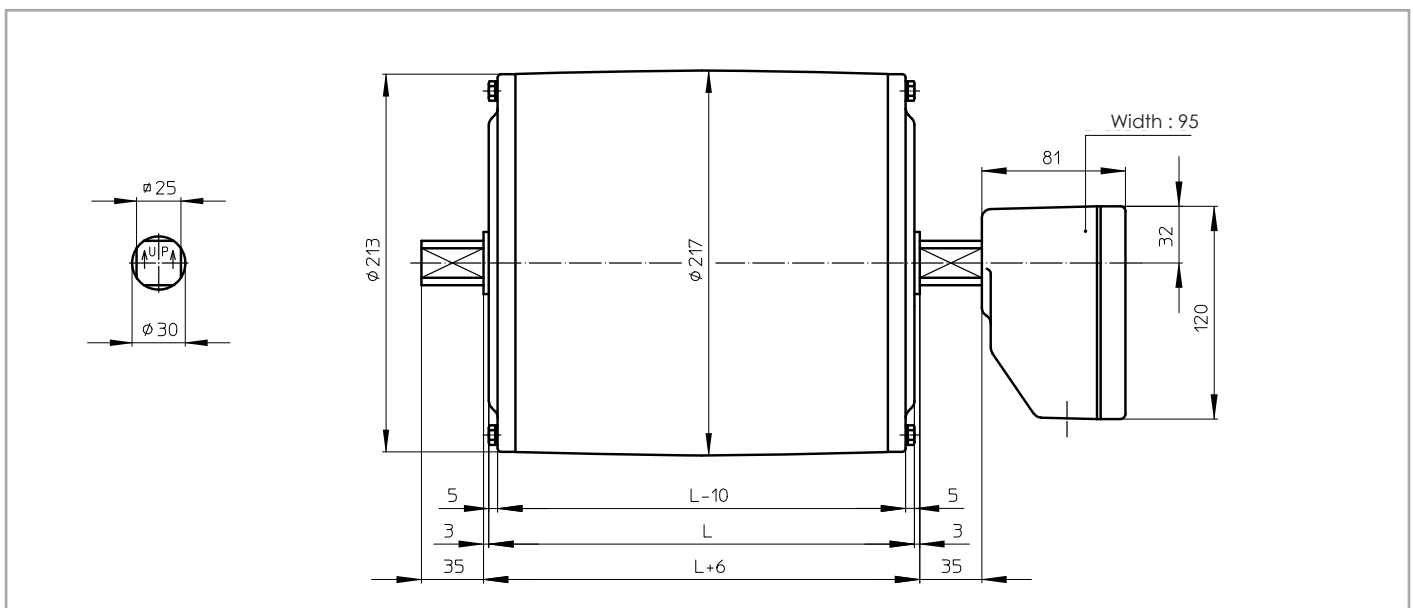
TM 215A30 CR (RVS)

TM 215A30 CR, stainless steel drummotor with polyamide junction box and CR sealing



TM 215B30 CR (RVS)

TM 215B30 CR, stainless steel drummotor with polyamide junction box and CR sealing

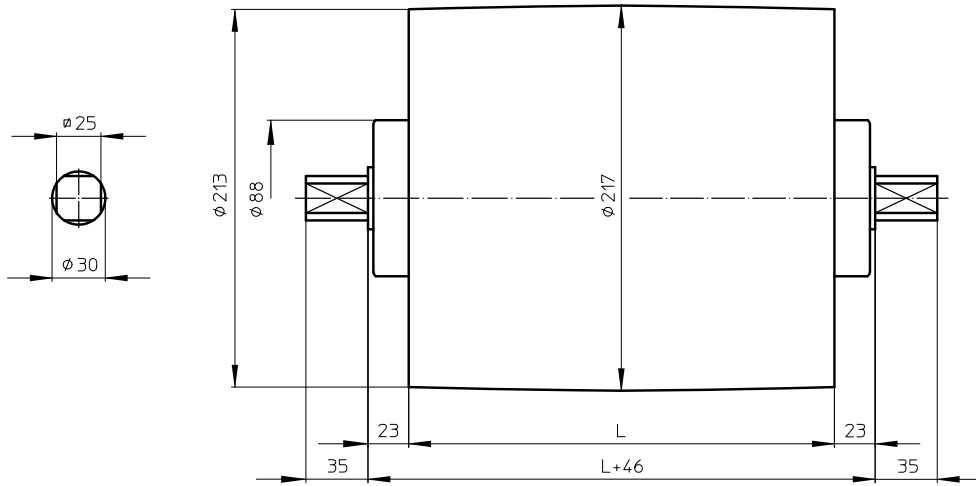




Dimensions taildrums

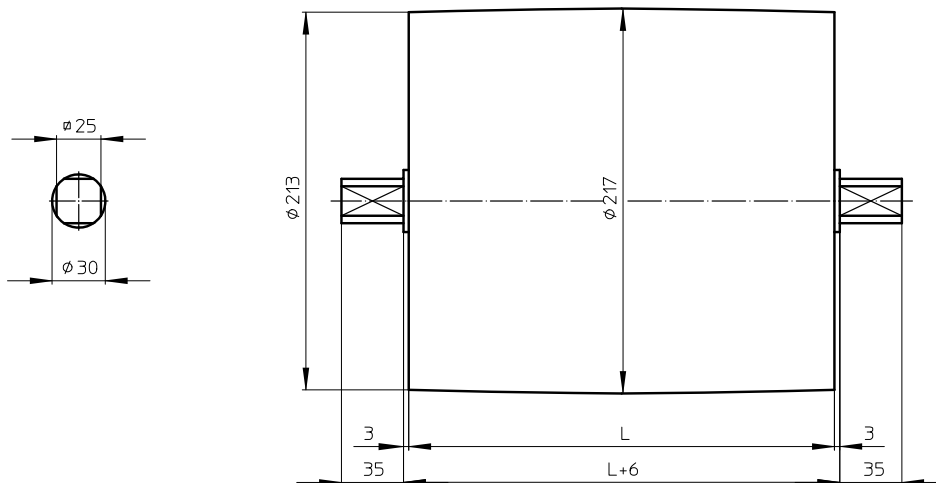
KT 215A30

KT 215A30, mildsteel taildrum



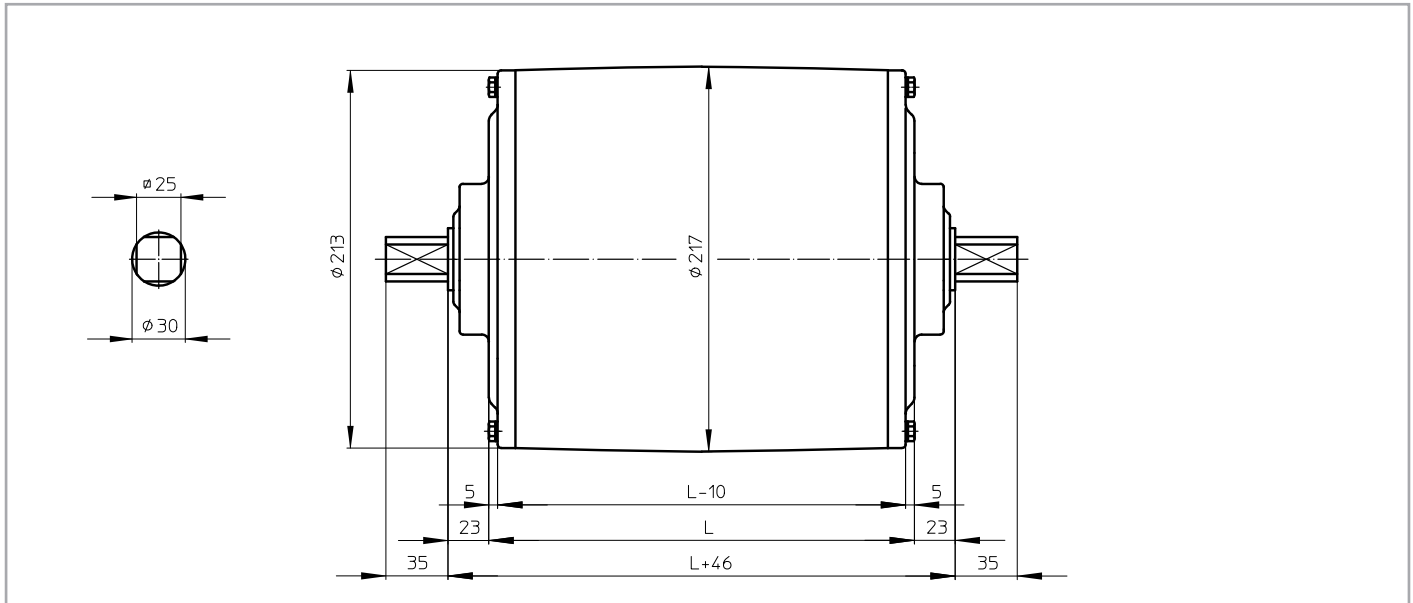
KT 215B30

KT 215B30, mildsteel taildrum



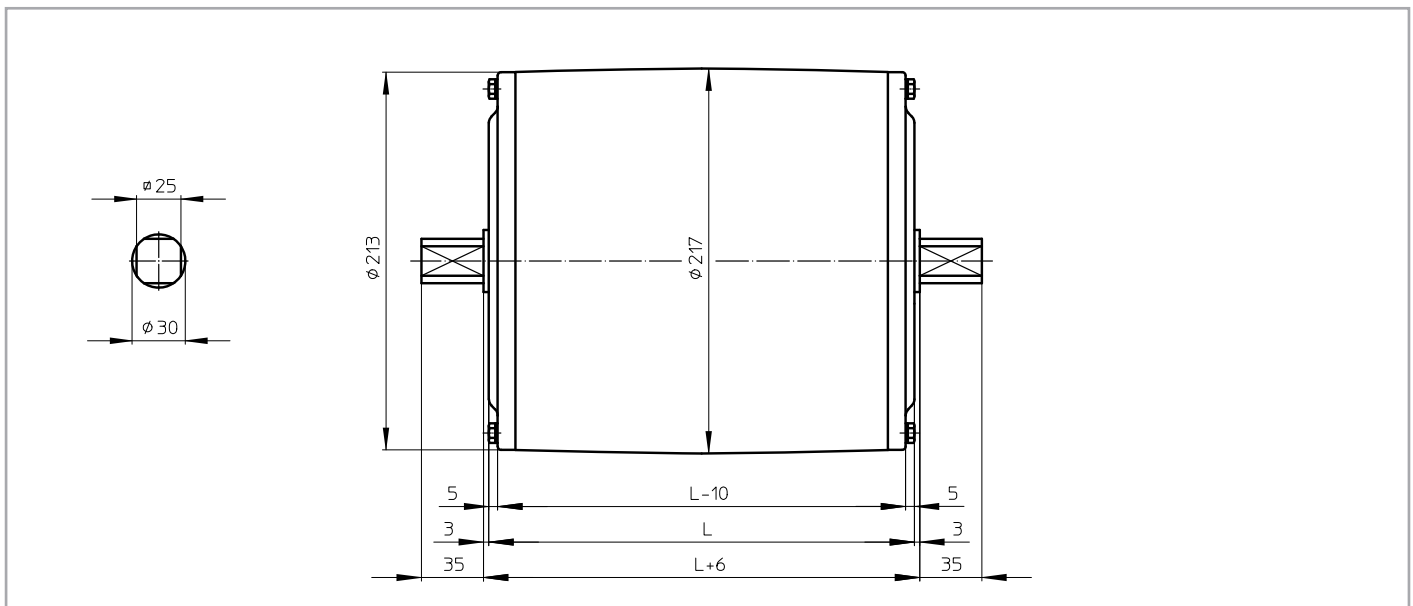
KT 215A30 CR (RVS)

KT 215A30 CR, stainless steel taildrum with CR sealing



KT 215B30 CR (RVS)

KT 215B30 CR, stainless steel taildrum with CR sealing





Cable exit

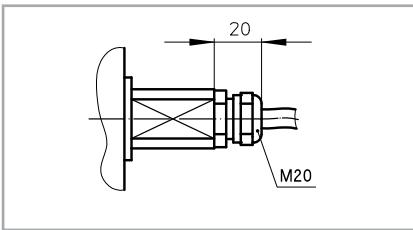
Standard execution of a TM 215-30 is with a cast iron terminal box. For stainless steel execution, this can be either a polyamide or stainless steel terminal box.

On request a drummotor can be fitted with a cable. In this case it is important to know the available voltage (preferably 1 voltage), the length of the cable, whether the cable is shielded or not and the type of cable exit.

An overview of available cable exits is shown below.

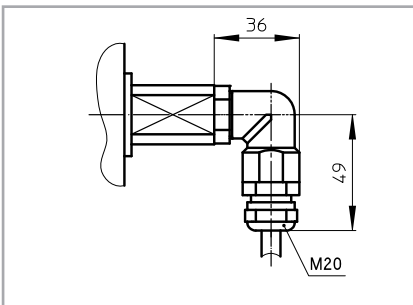
Option 1

Straight cable exit with cable gland



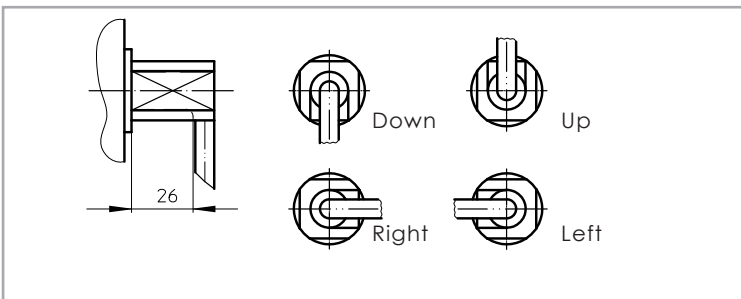
Option 3

Elbow cable exit with cable gland (minimum drumlength increases with at least 25 mm)



Option 4

Open cable exit (minimum drumlength increases with at least 25 mm)

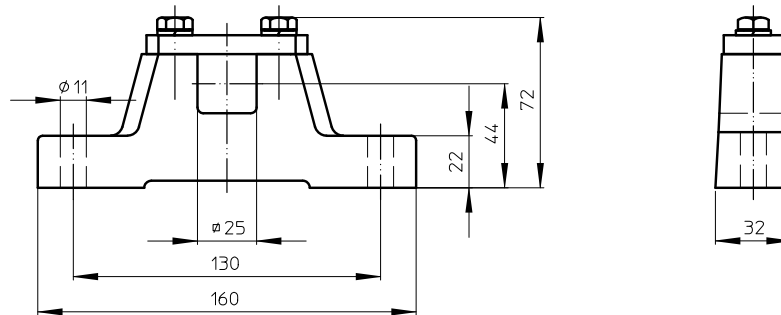




Bracket drawings

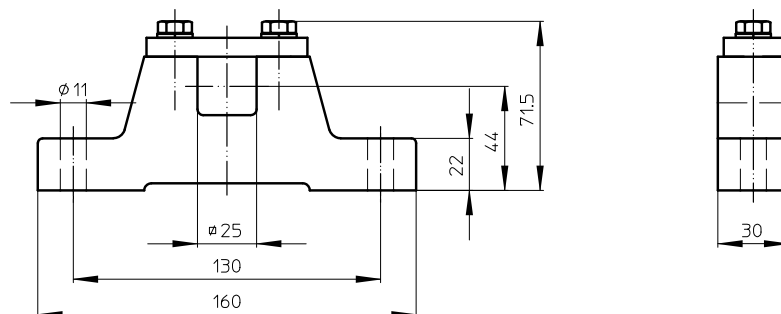
AB 30

AB 30, cast iron or steel bracket



AB 30 RVS

AB 30 RVS, stainless steel bracket





Van der Graaf

Power Transmission Equipment

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