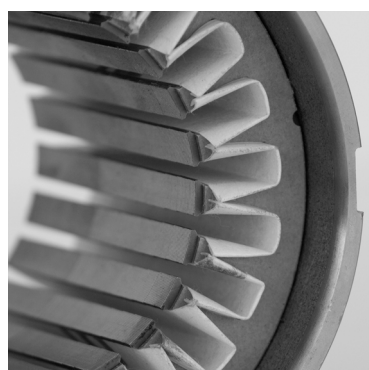
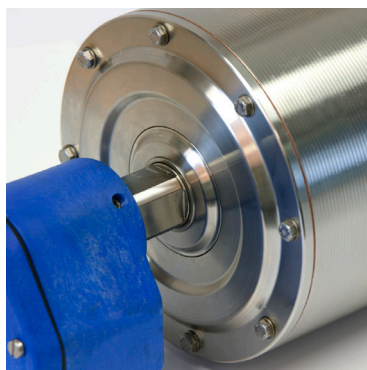


Product information

Drummotors

TM 138-25



Van der Graaf
Power Transmission Equipment



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Introduction

This catalogue contains standard designs of the TM 138-25. 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

Aimtech
ul. Sikorskiego 12A
05-082 Kwirynów

Tel: +48 22 24 35 830
Fax: +48 22 20 50 457

www.aimtech.pl
info@aimtech.pl



Product overview TM 138-25

TYPE TM 138.25	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=350	
415 Z	1,1	1,40 745	1,10 950						325	350	2,8	23	
210 Z	0,75	2,80 255	2,20 325	1,80 395					300	325	1,7	22	
410 Z	0,75	1,40 510	1,10 650	0,90 790	0,70 1015	0,55 1295			300	325	1,9	22	
410 PL2		0,32 2155	0,26 2655	0,22 3135	0,17 3800			350	375				
275 Z	0,55	2,80 185	2,20 240	1,80 290					275	300	1,1	20	
475 Z	0,55	1,40 375	1,10 475	0,90 580	0,70 745	0,55 950	0,45 1160			275	300	1,3	20
475 PL2		0,32 1580	0,26 1945	0,22 2300	0,17 2975			325	350				
205 Z	0,37	2,80 1.25	2,20 160	1,80 195					250	275	0,9	19	
405 Z	0,37	1,40 250	1,10 320	0,90 390	0,70 500	0,55 640	0,45 780	0,35 1005	275	300	1,0	19	
405 PL2		0,22 1545	0,17 2000					325	350				
405 PL3		0,050 3800	0,039 3800	0,033 3800	0,026 3800			375	400				
605 Z	0,37	0,27 1300						275	300	1,1	20		
605 PL2		0,15 2270	0,12 2835					325	350				
434 Z	0,25	1,40 170	1,10 215	0,90 265	0,70 340	0,55 430	0,45 530	0,35 680	250	275	0,7	18	
834 Z	0,25	0,27 880	0,22 1080	0,17 1395					275	300	1,0	20	
834 PL2		0,13 1770	0,11 2090	0,09 2555					325	350			
834 PL3		0,025 3800	0,019 3800	0,016 3800	0,013 3800			375	400				
825 Z	0,18	0,27 635	0,22 775	0,17 1005						275	300	0,8	19
818 Z	0,13	0,27 455	0,22 560	0,17 725						250	275	0,6	18
1218 Z	0,13	0,13 950	0,11 1125						300	325	0,9	22	
1218 PL2		0,09 1330	0,08 1495	0,06 1995					350	375			
1218 PL3		0,016 3800	0,013 3800	0,011 3800	0,009 3800			400	450				
1213 Z	0,10	0,13 730	0,11 865						275	300	0,6	20	

Available standard facewidth's: 250 - 275 - 300 - 325 - 350 - 375 - 400 - 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. 2,0 kg. per 100 mm.

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

Beltpull max.: 3800 N (Imax upon request or on dataplate)

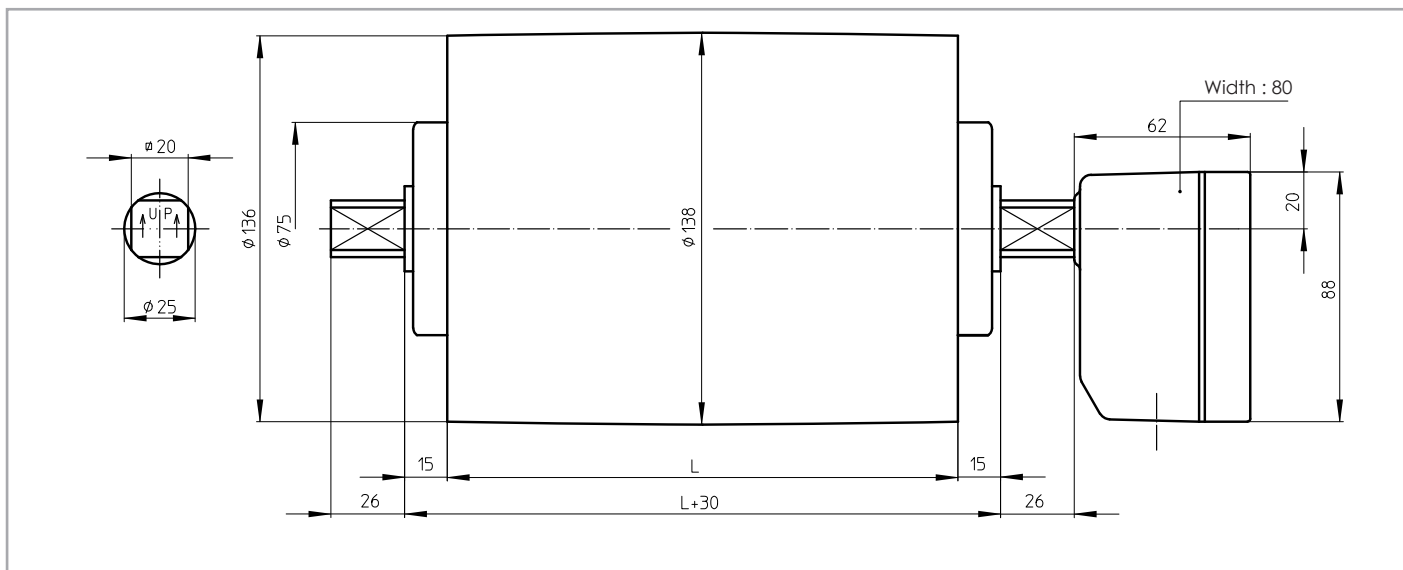
We reserve the right to technical specification changes.



Dimensions drummotors

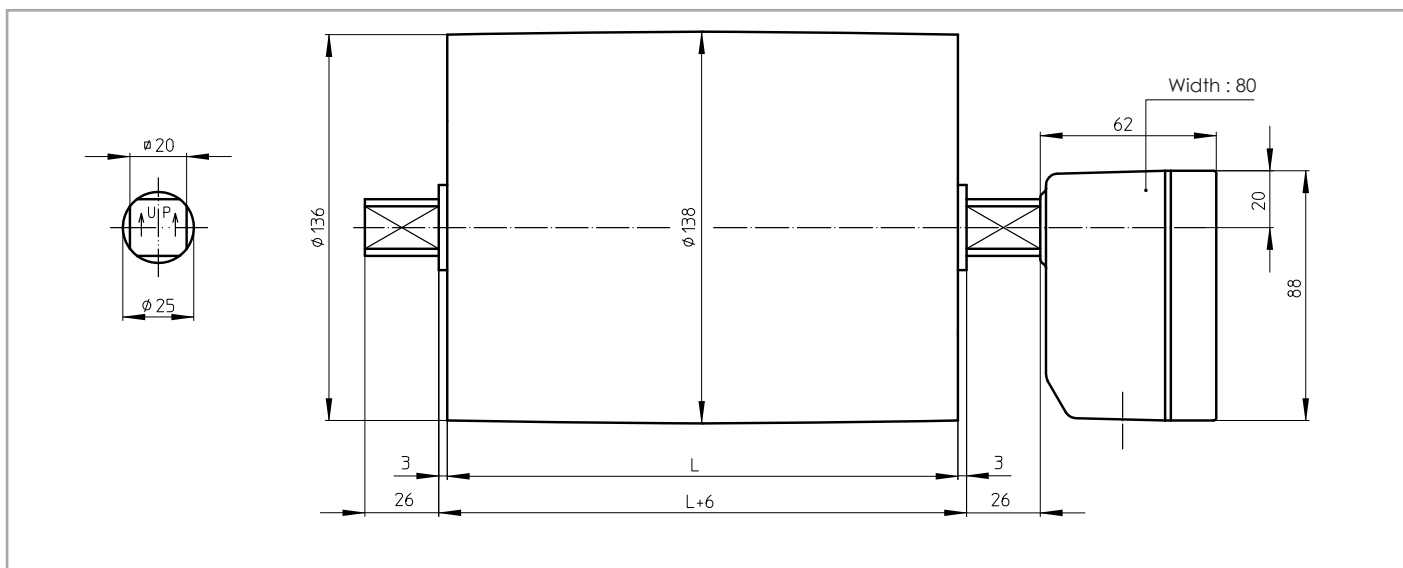
TM 138A25

TM 138A25, mildsteel drummotor with cast iron junction box



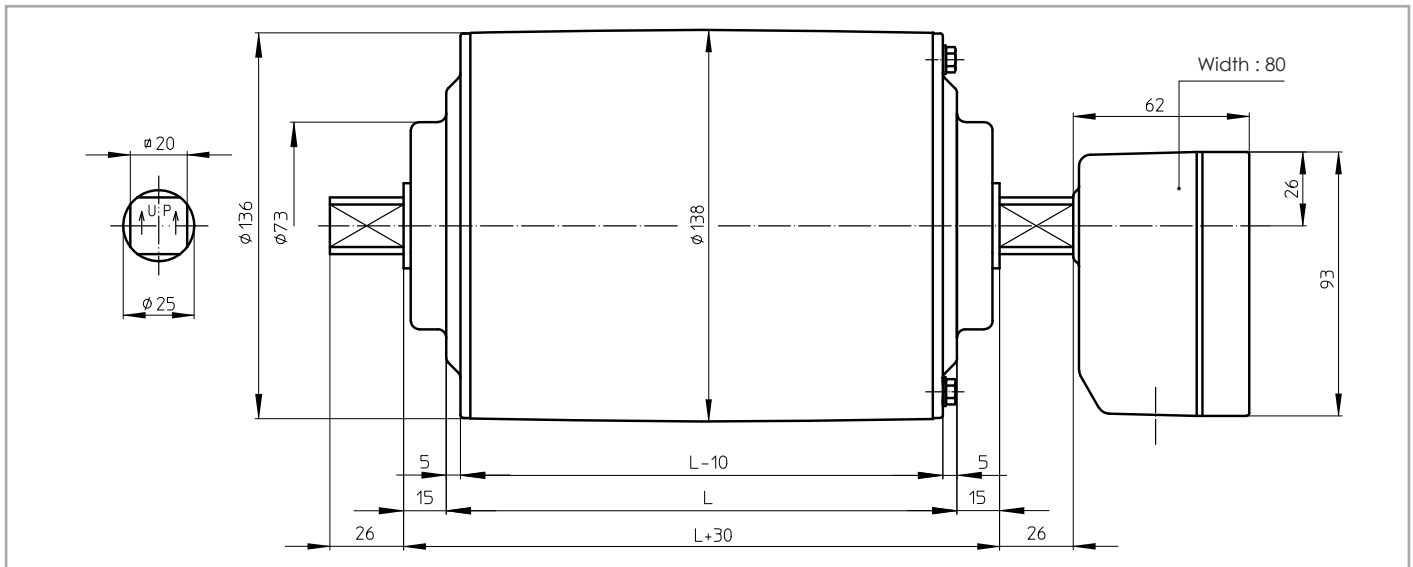
TM 138B25

TM 138B25, mildsteel drummotor with cast iron junction box



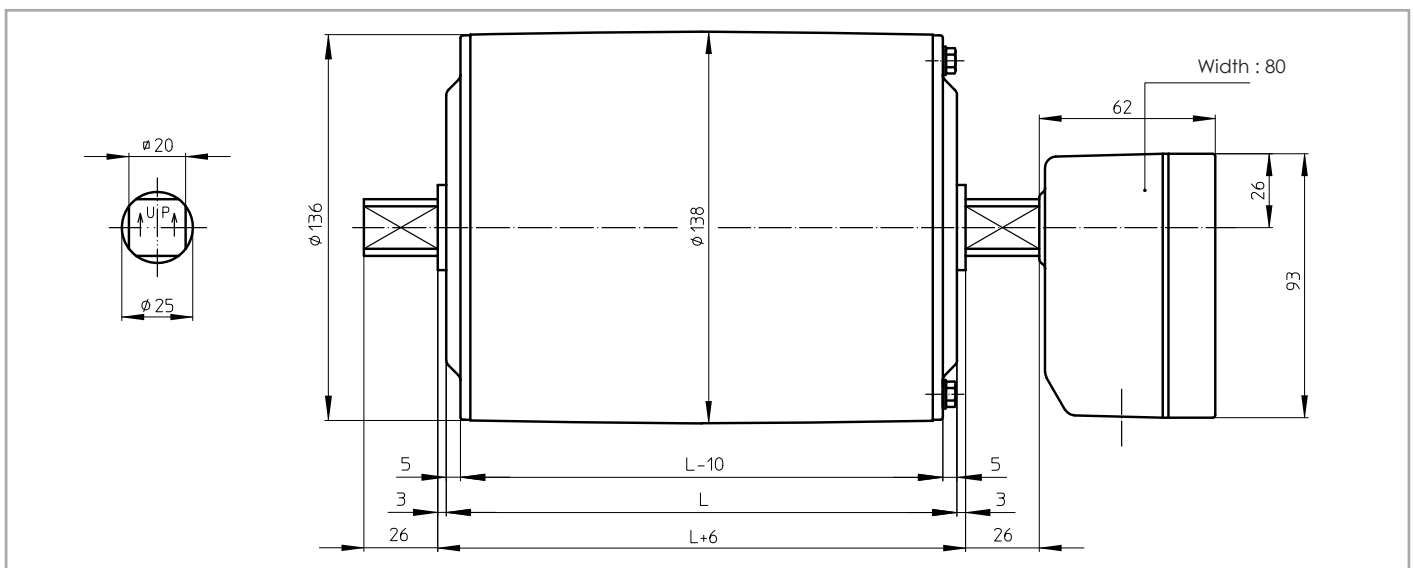
TM 138A25 CR (RVS)

TM 138A25 CR, stainless steel drummotor with polyamide junction box and CR sealing



TM 138B25 CR (RVS)

TM 138B25 CR, stainless steel drummotor with polyamide junction box and CR sealing

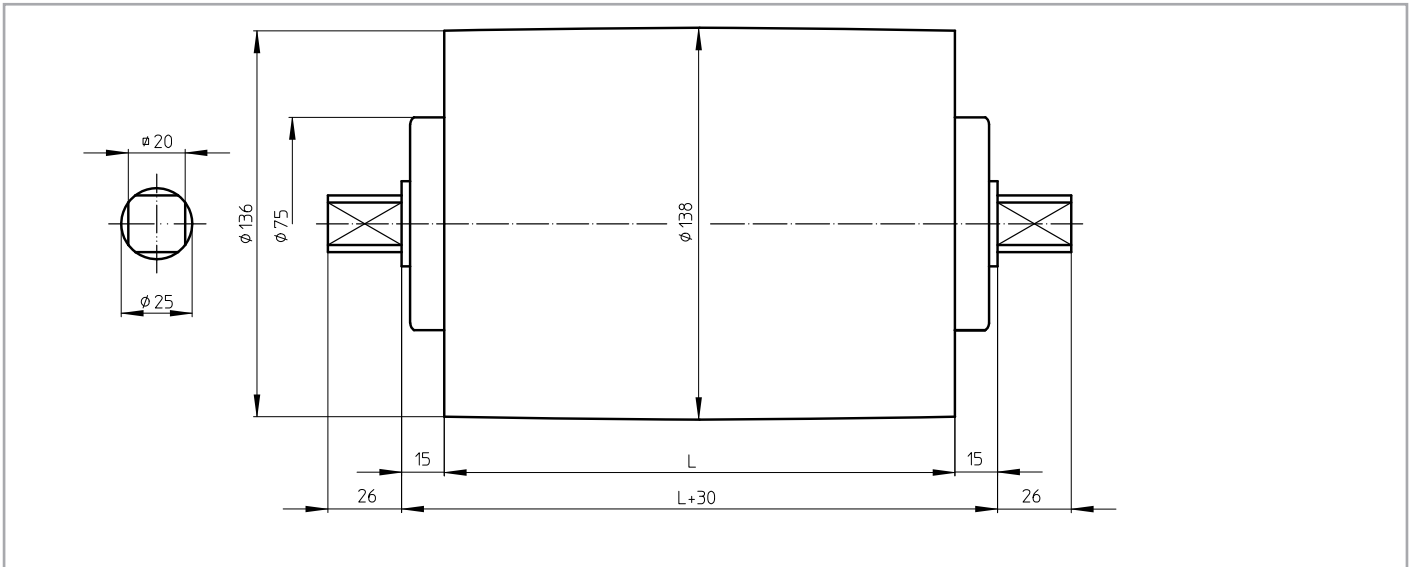




Dimensions taildrums

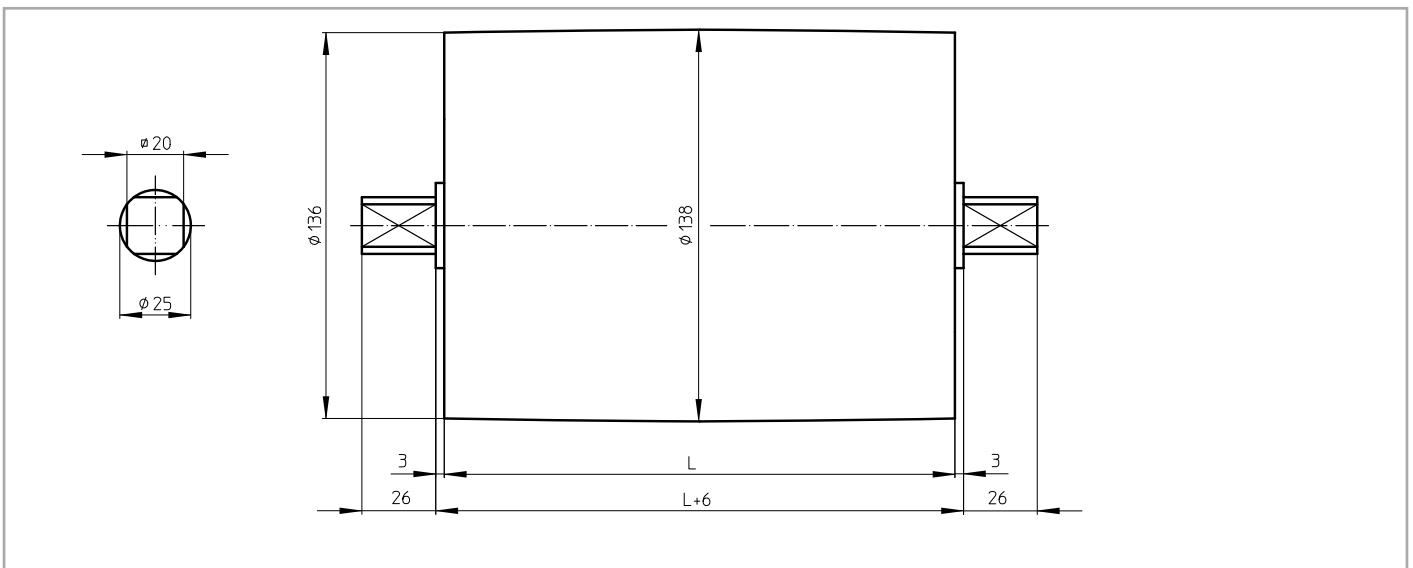
KT 138A25

KT 138A25, mildsteel taildrum



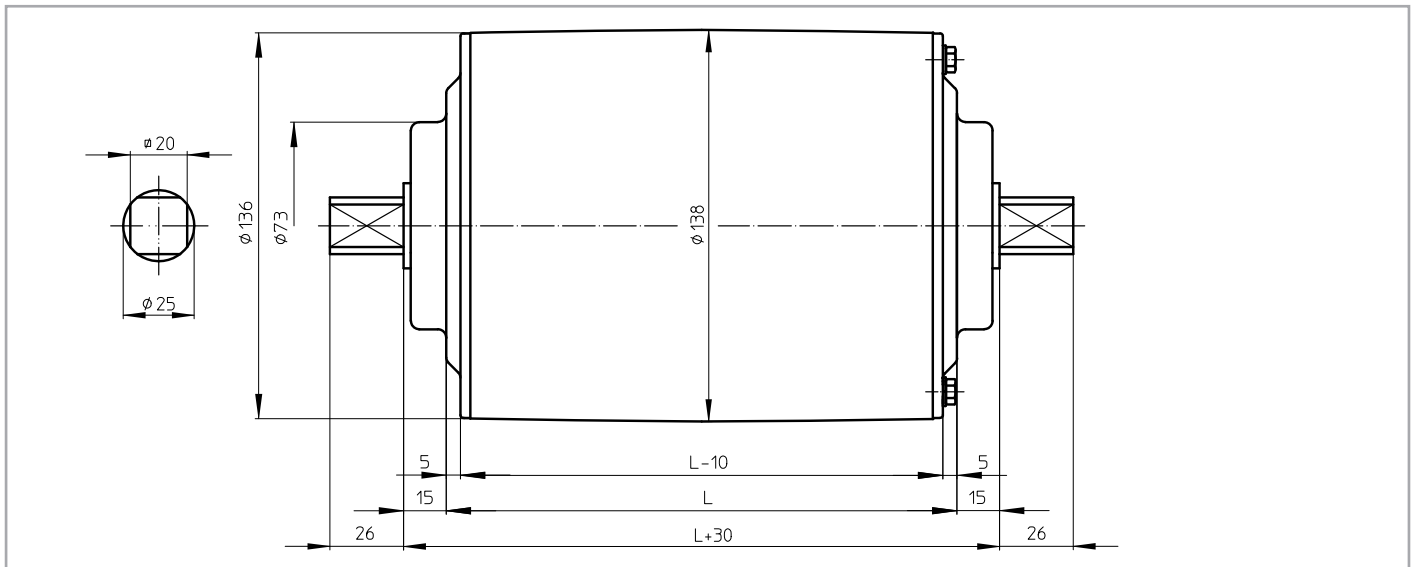
KT 138B25

KT 138B25, mildsteel taildrum



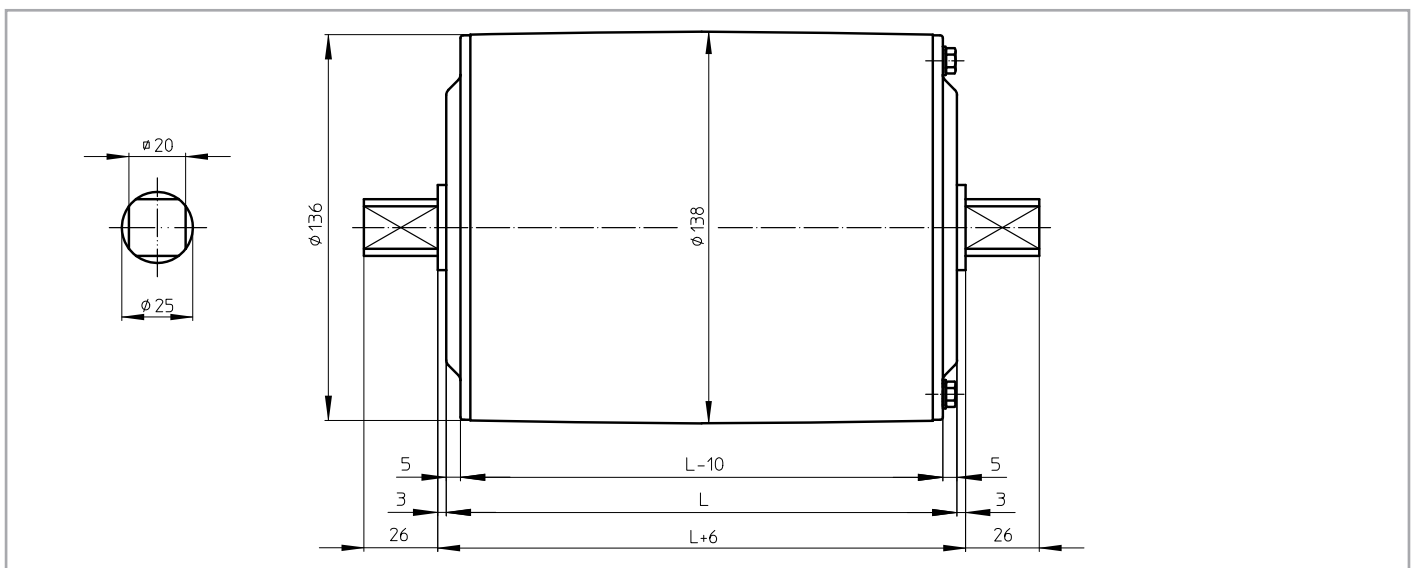
KT 138A25 CR (RVS)

KT 138A25 CR, stainless steel taildrum with CR sealing



KT 138B25 CR (RVS)

KT 138B25 CR, stainless steel taildrum with CR sealing





Cable exit

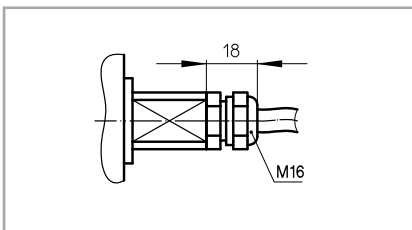
Standard execution of a TM 138-25 is with a cast iron terminal box. For stainless steel execution, this can be either a polyamide or stainless steel terminal box.

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.

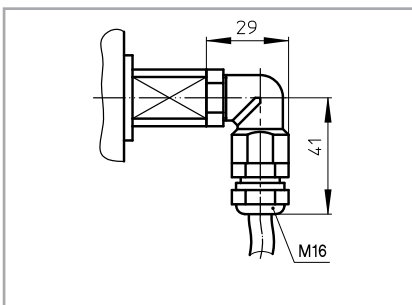
Option 1

Straight cable exit with cable gland



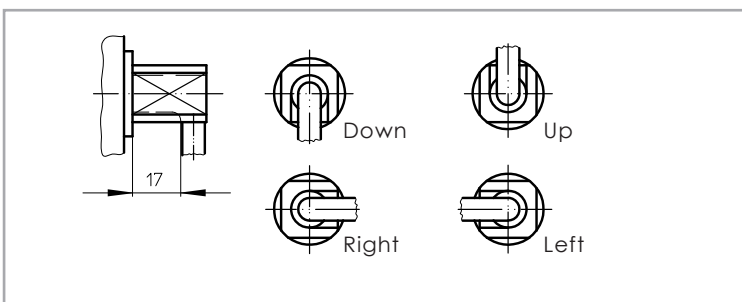
Option 3

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)

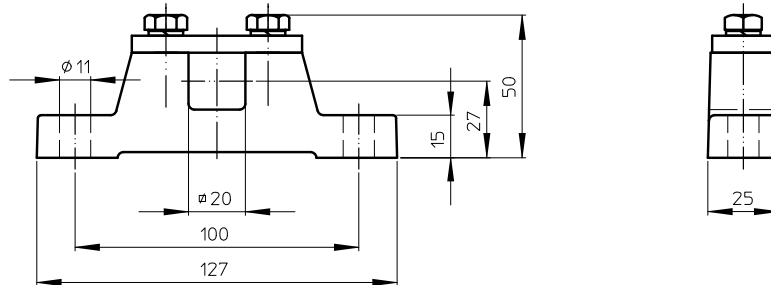




Bracket drawings

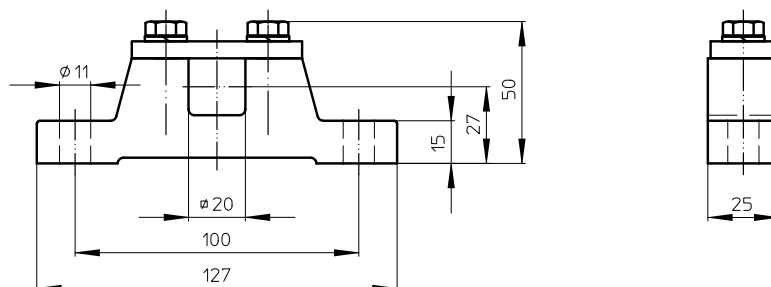
AB 25

AB 25, cast iron or steel bracket



AB 25 RVS

AB 25 RVS, stainless steel bracket





Van der Graaf

Power Transmission Equipment

Contact us

Aimtech
ul. Sikorskiego 12A
05-082 Kwirynów
Polska

Tel: +48 22 24 35 830
Fax: +48 22 20 50 457
E-mail: info@aimtech.pl
www.aimtech.pl

