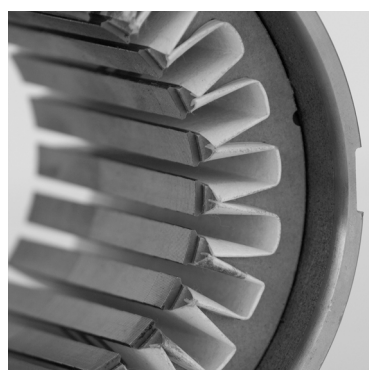
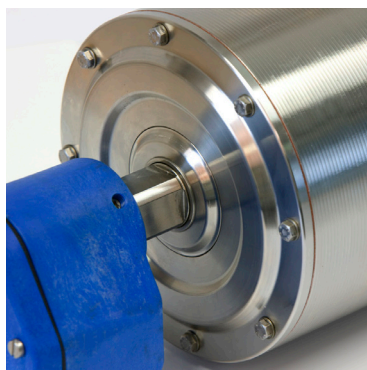


Product information

Drummotors

TM 100B25



Van der Graaf
Power Transmission Equipment



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Introduction

This catalogue contains standard designs of the TM 100B25. This drummotor can be provided in mild steel or (partly) stainless steel (304 or 316). Stainless steel executions have different dimensions then mild 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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05-082 Kwirynów

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Product overview TM 100B25

TYPE TM 100B25	Power kW	Beltspeed m/s at 50 Hz Beltpull N										Min. L mm Design B	Full load curr. 400 V - 50 Hz I = ... A	Weight kg L=350
205 Z	0,37	3,60 95	2,80 120	2,50 135	2,20 155	2,00 175	1,70 205					310	0,85	14
405 Z	0,18	1,80 95	1,40 120	1,25 135	1,10 155	1,00 175	0,85 205					310	0,60	14
425 PL2		0,75 220	0,70 235	0,55 300	0,50 330	0,40 415	0,36 460	0,30 550	0,24 690			310		
425 PL3		0,20 835	0,16 990	0,14 1130	0,12 1300							360		
416 Z	0,12	1,10 105	1,00 115	0,85 135								275	0,40	14
416 PL2		0,75 145	0,70 160	0,55 200	0,50 220	0,40 275	0,36 305	0,30 370	0,24 460			275		
416 PL3		0,20 530	0,16 660	0,14 755	0,12 880	0,10 1055	0,09 1175					310		
616 Z	0,12	1,25 90	1,10 105	0,90 125	0,80 145	0,70 165	0,60 190					310	0,50	14
616 PL2		0,50 220	0,40 275	0,36 305	0,30 370	0,26 425	0,19 580	0,15 735				310		
616 PL3		0,07 1300										360		
414 Z	0,10	1,10 85	1,00 95	0,85 110								260	0,40	14
414 PL2		0,75 125	0,70 130	0,55 165	0,50 185	0,40 230	0,36 255	0,30 305	0,24 385			260		
414 PL3		0,20 440	0,16 550	0,14 630	0,12 735	0,10 880	0,09 980	0,06 1300				310		
611 Z	0,08	0,80 95	0,70 110	0,60 125								260	0,40	14
611 PL2		0,50 145	0,40 185	0,36 205	0,30 245	0,26 285	0,19 385	0,15 490				260		
611 PL3		0,13 540	0,10 705	0,07 1005	0,06 1175							310		
811 PL2	0,08	0,22 335	0,17 435	0,14 525	0,11 670							310	0,55	14
811 PL3		0,09 780	0,05 1300									360		
807 PL3	0,05	0,07 630	0,06 735	0,05 880	0,04 1100	0,028 1300						360	0,40	14
807 PL4		0,022 1300	0,020 1300	0,019 1300	0,017 1300	0,014 1300	0,013 1300	0,012 1300	0,011 1300	0,009 1300	0,007 1300	410		

Available standard facewidth's: 260 - 275 - 310 - 360 - 410 - 460 - 510 - 560 - 610 - 660 - 710 - 760 - 810 - 860 mm

Other beltspeeds and facewidth's upon request.

Single fase drummotors upon request 230 V - 50 Hz.

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. 1,6 kg. per 100 mm.

Available torque: (Beltpull N x Drumdiameter m)/2 Nm (max. 65 Nm)

Beltpull max.: 1300 N (Imax upon request or on dataplate)

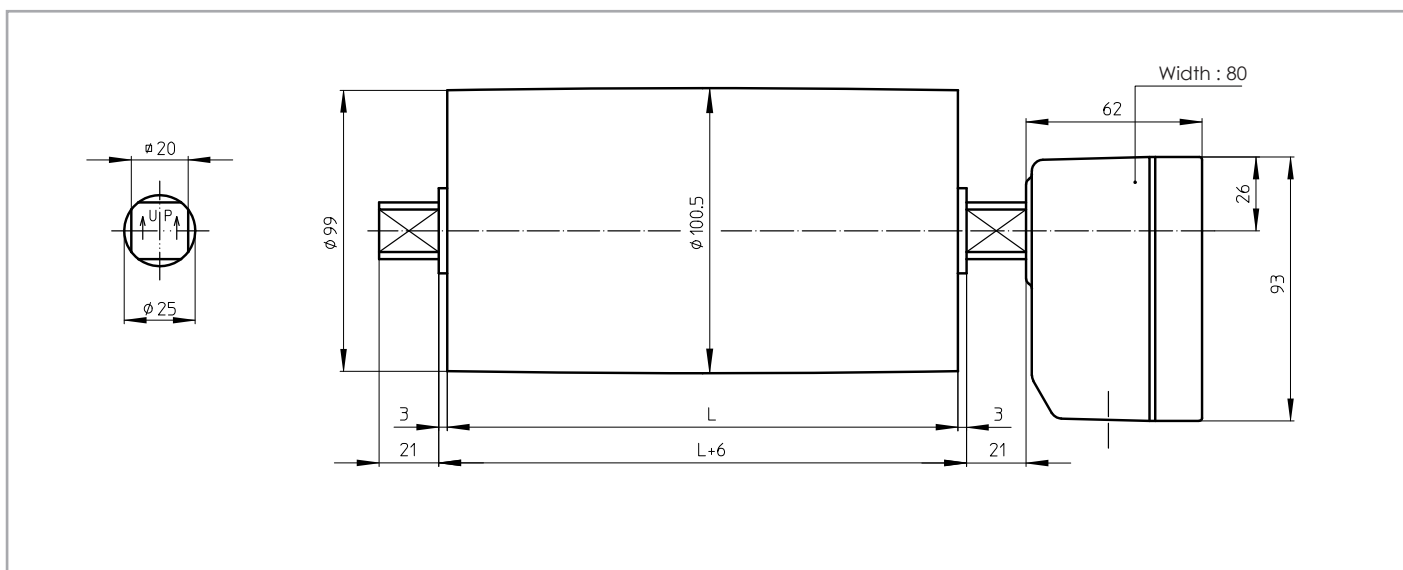
We reserve the right to technical specification changes.



Dimensions

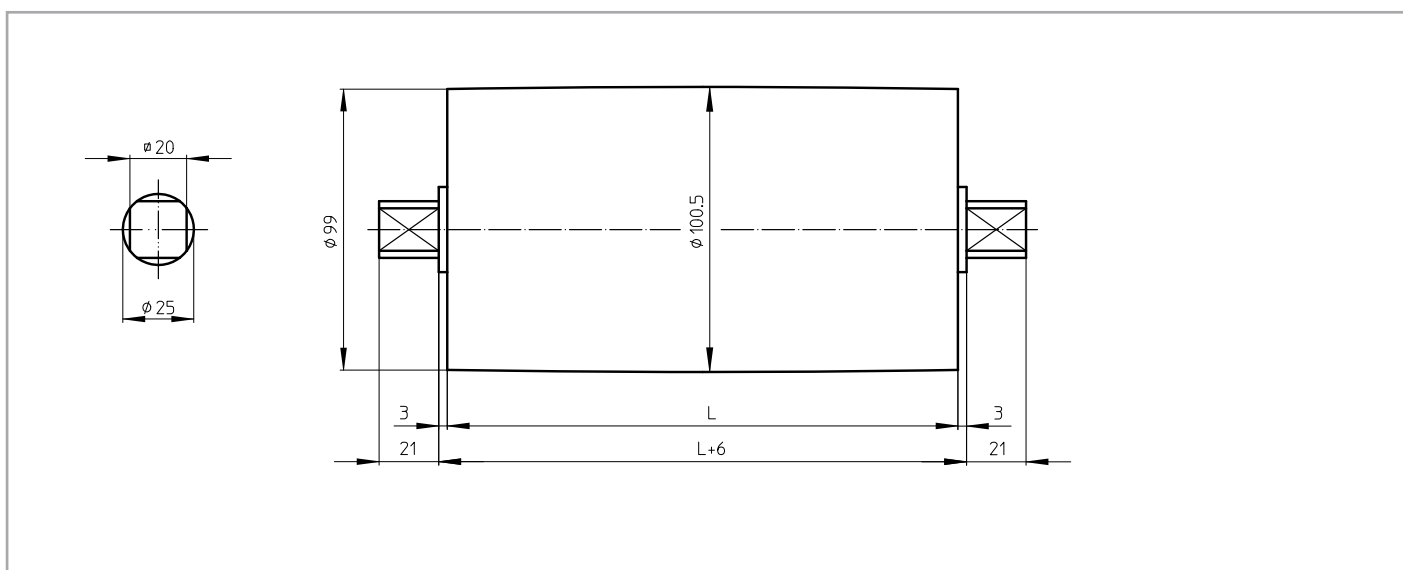
TM 100B25

TM 100B25, mildsteel drummotor with polyamide terminal box



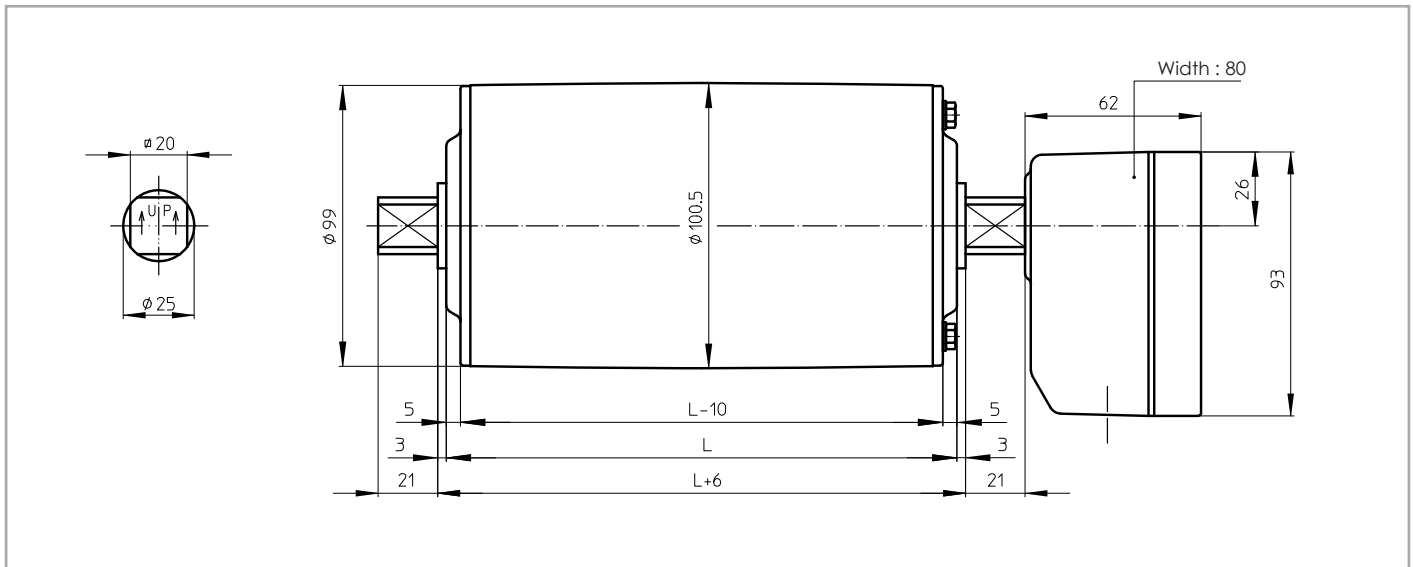
KT 100B25

KT 100B25, mildsteel taildrum



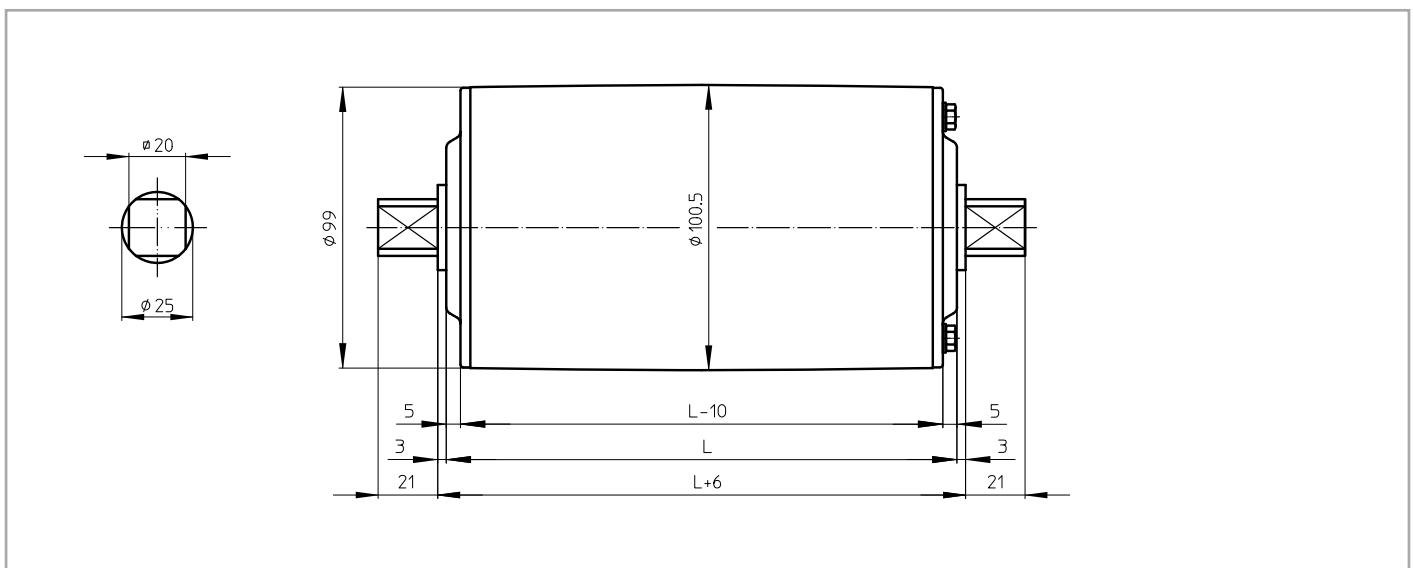
TM 100B25 CR (RVS)

TM 100B25 CR, stainless steel drummotor with polyamide terminal box and CR sealing



KT 100B25 CR (RVS)

KT 100B25 CR, stainless steel taildrum with CR sealing





Cable exits

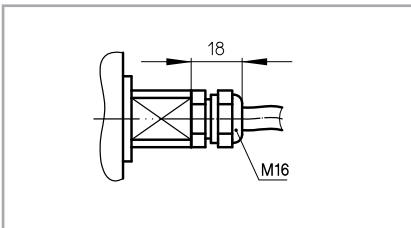
Standard execution of a TM 100B25 is with a polyamide terminal box. For stainless steel execution, this can be either a polyamide or stainless steel terminal box.

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.

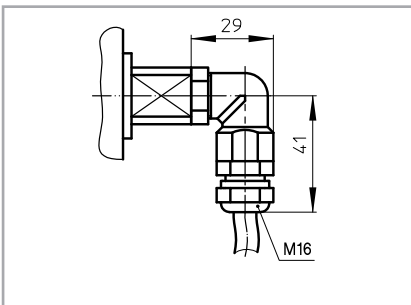
Option 1

Straight cable exit with cable gland



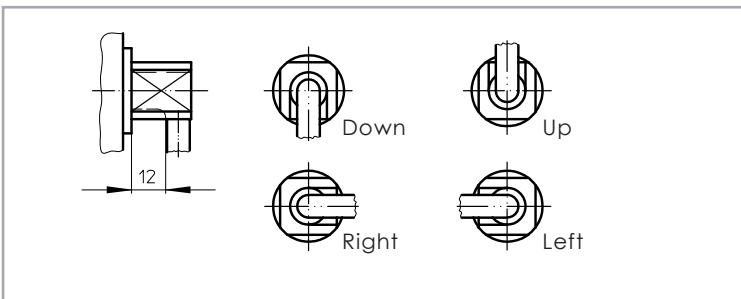
Option 3

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



Option 4

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

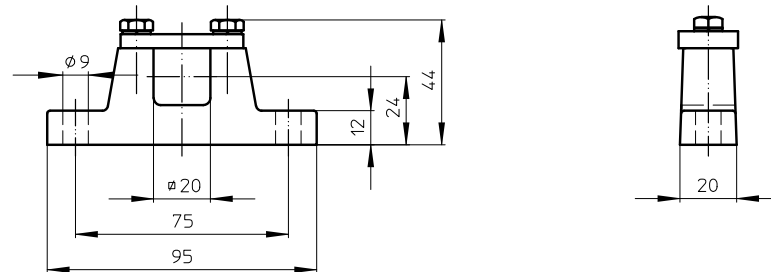




Brackets drawings

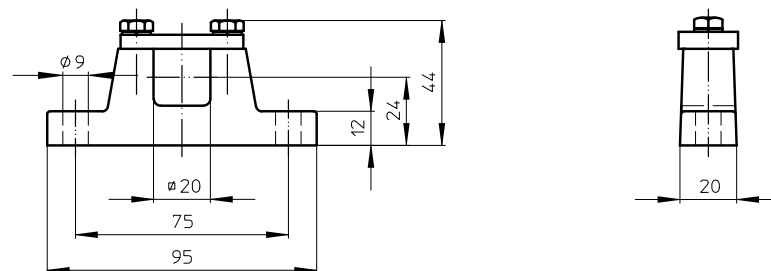
AB 20

AB 20, cast iron or steel bracket



AB 20 RVS

AB 20 RVS, stainless steel bracket





Van der Graaf

Power Transmission Equipment

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