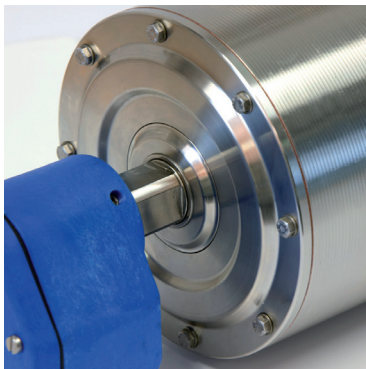


Product information

Drummotors

TM 113B25



Van der Graaf
Power Transmission Equipment



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Introduction

This catalogue contains standard designs of the TM 113B25. 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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Product overview TM 113B25

TYPE TM 113B25	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
275 Z	0,55	4,40 110	4,00 125	3,20 155	2,80 175	2,50 195	2,20 225	1,90 255				310	1,20	16
205 Z	0,37	4,40 80	4,00 90	3,20 110	2,80 125	2,50 140						310	0,8	16
405 Z	0,37	2,20 160	2,00 175	1,60 220	1,40 250	1,25 280	1,10 320	0,95 370	0,75 470	0,60 585		360	1,35	16
405 PL2		0,85 400	0,70 485	0,65 525	0,55 620	0,50 680	0,45 755	0,40 850	0,34 1000	0,27 1150				
234 Z	0,25	4,40 55	4,00 60	3,20 75	2,80 85	2,50 95						260	0,65	16
434 Z	0,25	2,20 110	2,00 120	1,60 150	1,40 170	1,25 190	1,10 215	0,95 250				310	0,70	16
434 PL2		0,85 270	0,75 305	0,70 330	0,65 355	0,55 420	0,50 460	0,45 510	0,40 575	0,34 675	0,27 850			
634 Z	0,25	1,00 240	0,90 265	0,80 295	0,70 340	0,60 395	0,50 475	0,40 595				360	0,95	16
634 PL2		0,29 795	0,25 920	0,21 1095	0,17 1150									
425 Z	0,18	1,60 105	1,40 120	1,25 135	1,10 155	0,95 180						275	0,55	16
425 PL2		0,85 195	0,75 220	0,70 235	0,65 255	0,55 300	0,50 330	0,45 370	0,40 415	0,34 485	0,27 615			
425 PL3		0,20 790	0,18 880	0,16 990	0,13 1150	0,11 1150						310		
625 Z	0,18	0,90 190	0,80 214	0,70 244	0,60 285							310	0,65	16
625 PL2		0,25 660	0,21 790	0,17 975										
416 Z	0,12	1,10 105	0,95 120									260	0,40	16
416 PL2		0,85 130	0,75 145	0,70 160	0,65 170	0,55 200	0,50 220	0,45 245	0,40 275	0,34 325	0,27 410			
416 PL3		0,18 585	0,11 960	0,07 1150								310		
816 PL2	0,12	0,31 355	0,22 500	0,20 550	0,16 690	0,13 850						310	0,65	16
816 PL3		0,10 1055	0,08 1150									360		
811 PL2	0,08	0,31 235	0,26 285	0,22 335	0,20 370	0,16 460	0,13 565					260	0,45	16
811 PL3		0,10 705	0,08 880	0,07 1005	0,06 1150	0,05 1150						310		
807 PL3	0,05	0,06 735	0,05 880	0,033 1150								310	0,30	16
807 PL4		0,025 1150	0,023 1150	0,021 1150	0,019 1150	0,016 1150	0,015 1150	0,013 1150	0,012 1150	0,010 1150	0,008 1150	360		
805 PL3	0,04	0,10 350	0,08 440	0,07 505	0,06 585	0,05 705	0,033 1065					285	0,25	16

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. 1,8 kg. per 100 mm.

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

Beltpull max.: 1150 N (Imax upon request or on dataplate)

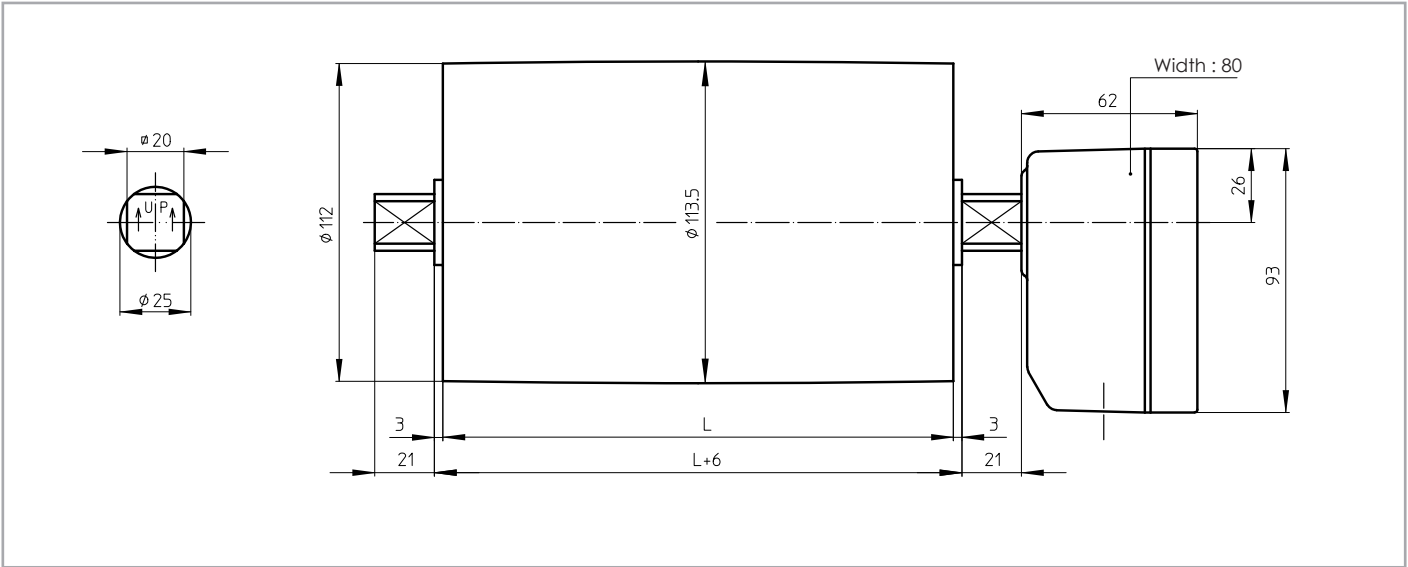
We reserve the right to technical specification changes.



Dimensions

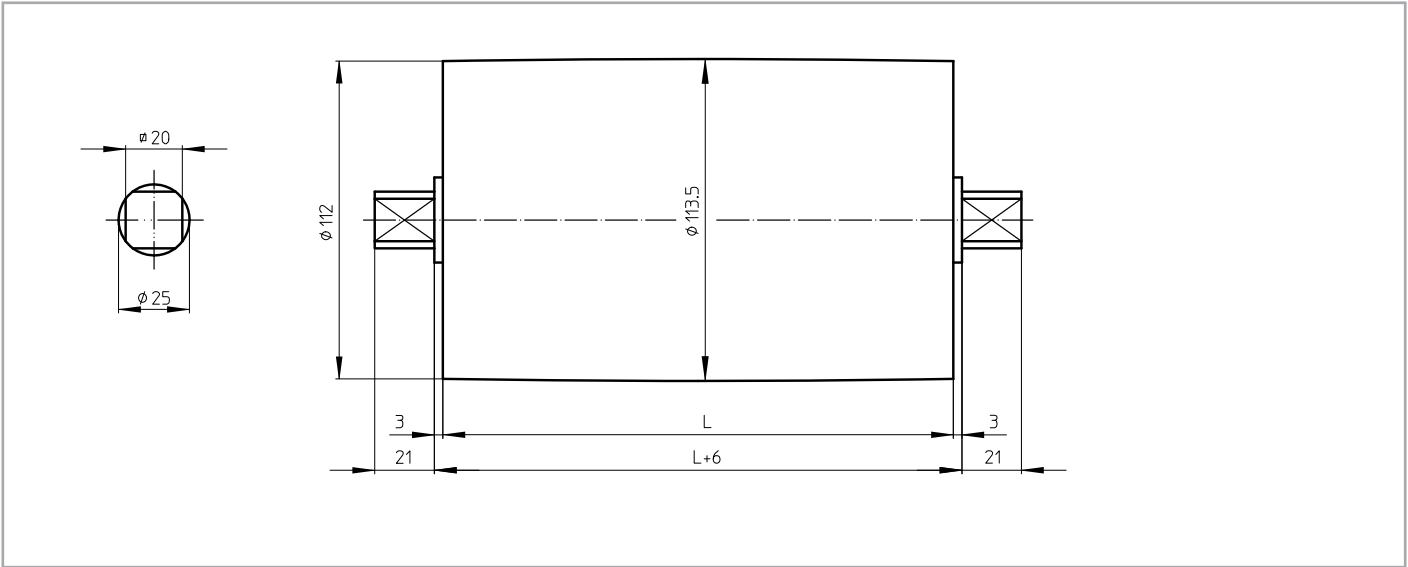
TM 113B25

TM 113B25, mildsteel drummotor with polyamide junction box



KT 113B25

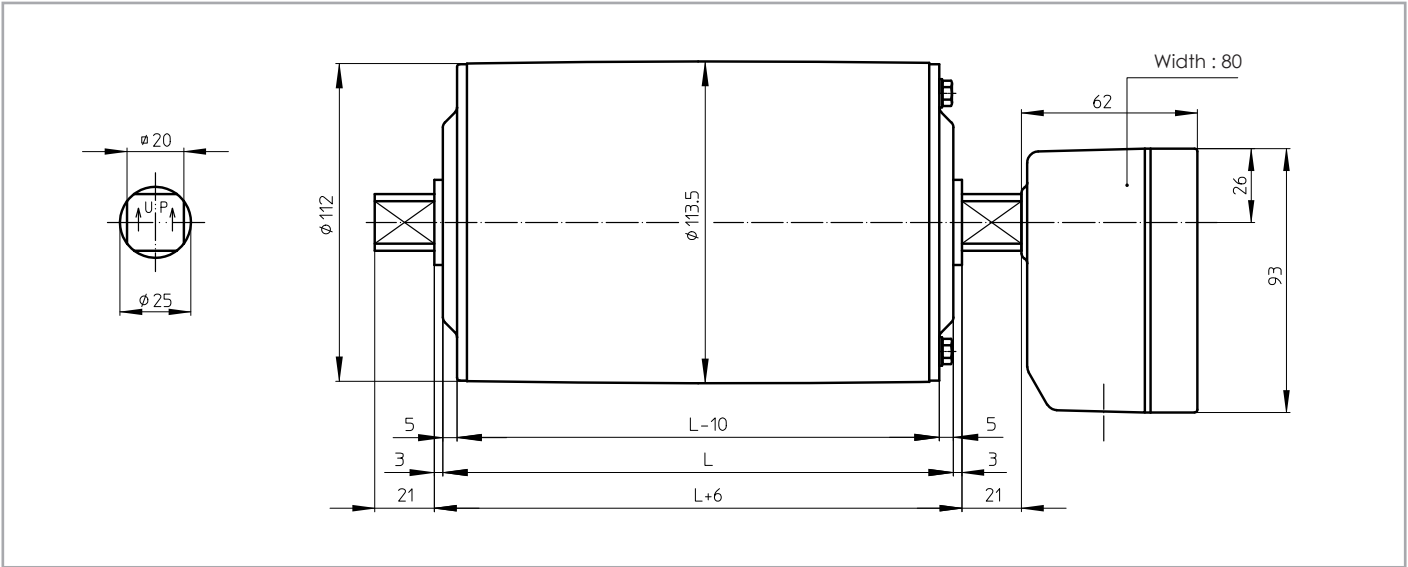
KT 113B25, mildsteel taildrum





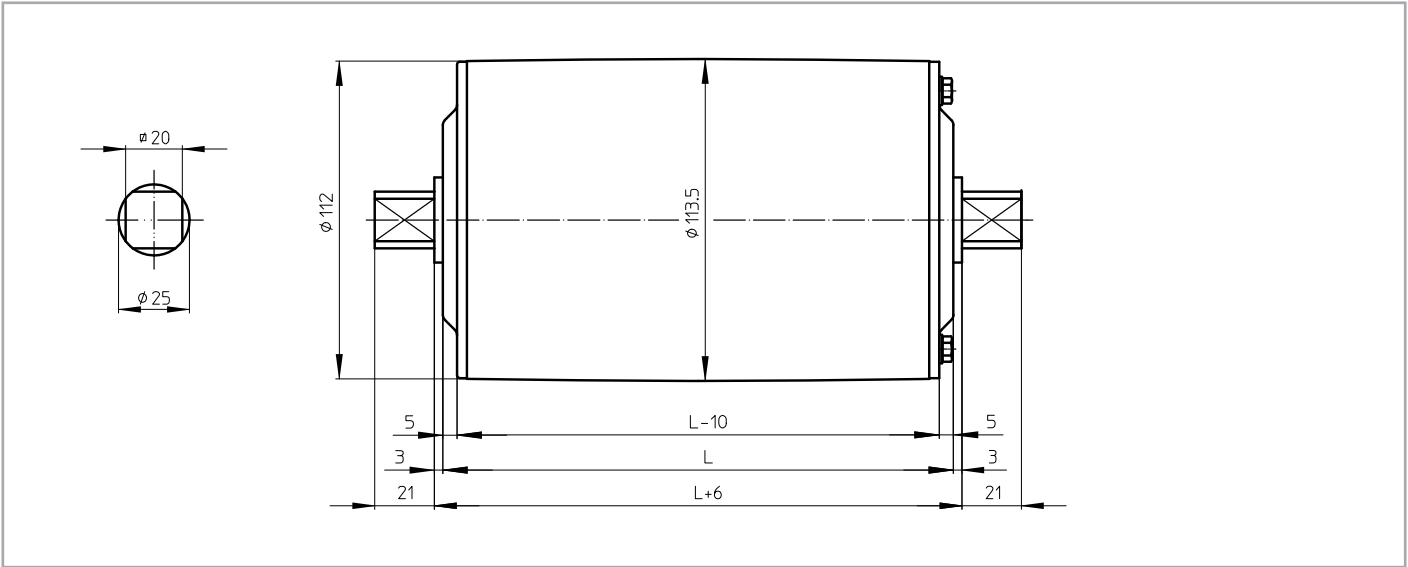
TM 113B25 CR (RVS)

TM 113B25 CR, stainless steel drummotor with polyamide junction box and CR sealing



KT 113B25 CR (RVS)

KT 113B25 CR, stainless steel taildrum and CR sealing





Cable exit

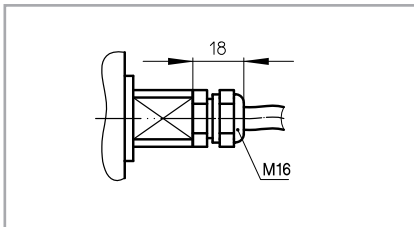
Standard execution of a TM 113B25 is with a polyamide terminal box. For stainless steel execution, this can be either a polyamide or stainless steel terminal box.

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 execution of the cable exit.

An overview of available cable exits is shown below.

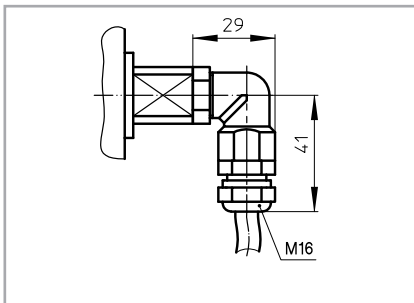
Option 1

Straight cable exit with cable gland



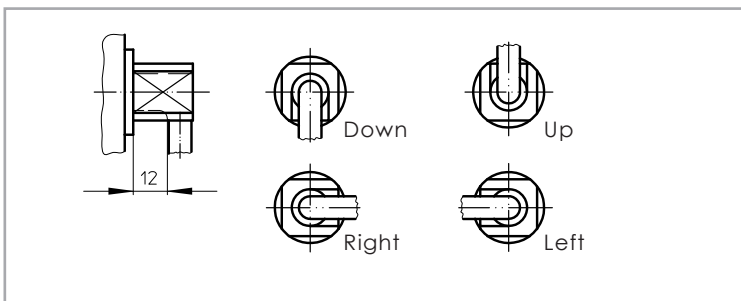
Option 3

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)

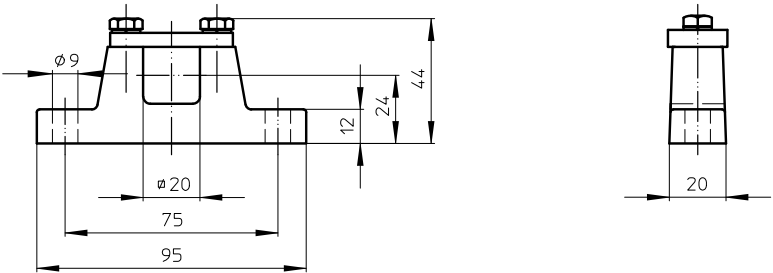




Brackets drawings

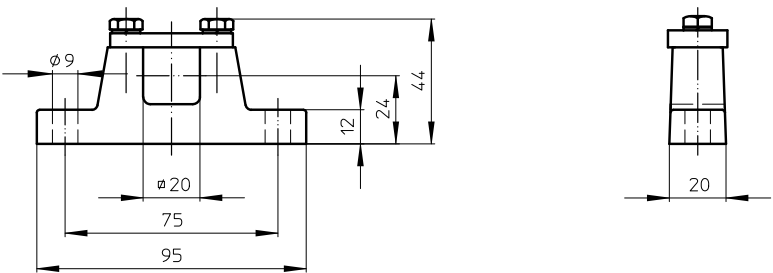
AB 20

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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