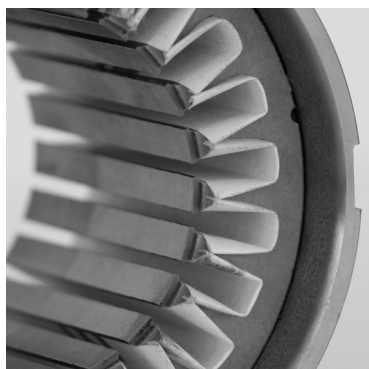
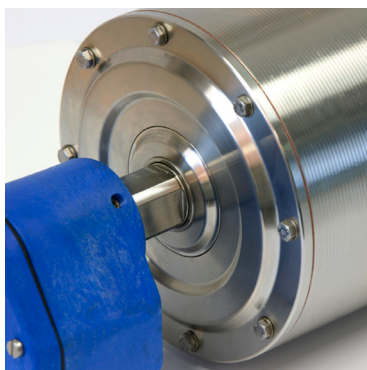


Product information

Drummotors

TM 160-25



Van der Graaf
Power Transmission Equipment



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Introduction

This catalogue contains standard designs of the TM 160-25. This drummotor can be provided in steel or (partly) stainless steel (304 or 316). Stainless steel executions have different dimensions than 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 160-25

TYPE TM 160.25	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
210 Z	0,75	3,30 215	2,50 285	2,20 325	1,60 445	0,95 750	0,80 890		300	350	1,7	25
410 Z	0,75	1,70 420	1,25 570	1,10 650	0,65 1095				300	350	1,9	25
275 Z	0,55	3,30 160	2,50 210	2,20 240	1,60 325	0,95 550			300	300	1,1	23
475 Z	0,55	1,70 305	1,25 420	1,10 475	0,80 655	0,65 805	0,50 1045		300	300	1,3	23
205 Z	0,37	3,30 105	2,50 140	2,20 160	1,60 220	0,95 370			300	300	0,9	22
405 Z	0,37	1,70 205	1,25 280	1,10 320	0,80 440	0,65 540	0,50 705	0,40 880	300	300	1,0	22
605 Z	0,37	0,31 1135							300	300	1,1	23
434 Z	0,25	1,70 140	1,25 190	1,10 215	0,80 295	0,65 365	0,50 475	0,40 595	300	300	0,7	21
834 Z	0,25	0,31 765	0,25 950	0,20 1190					300	300	1,0	23
825 Z	0,18	0,31 550	0,25 685	0,20 855					300	300	0,8	22
818 Z	0,13	0,31 400	0,25 495	0,20 620					300	300	0,6	21
1218 Z	0,13	0,15 825	0,13 950						300	350	0,9	25
1213 Z	0,10	0,15 635	0,13 730						300	300	0,6	23

Available standard facewidth's: 300 - 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. 2,5 kg. per 100 mm.

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

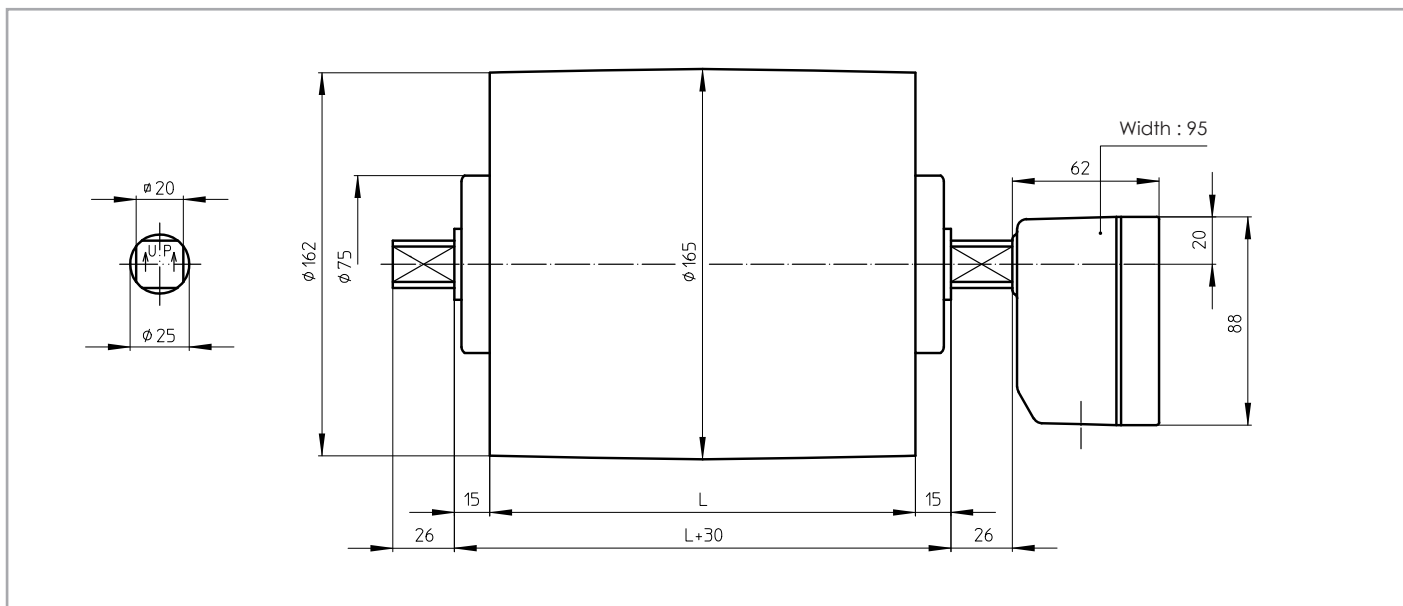
We reserve the right to technical specification changes.



Dimensions drummotors

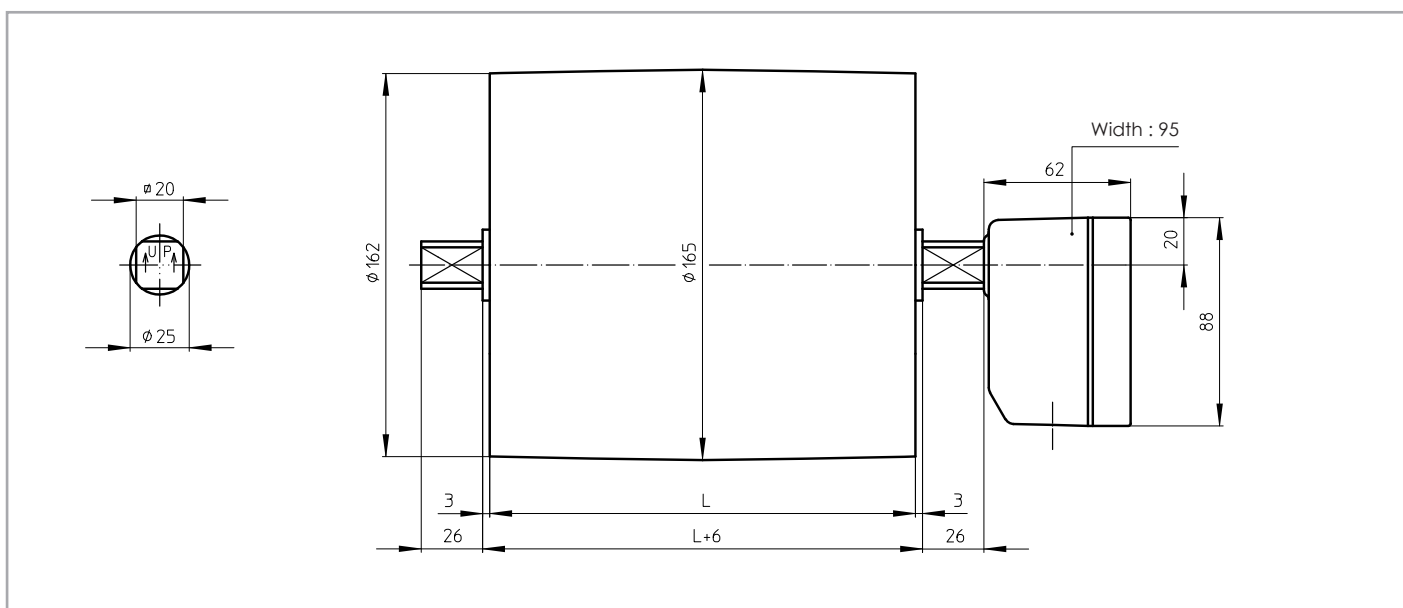
TM 160A25

TM 160A25, mildsteel drummotor with cast iron junction box



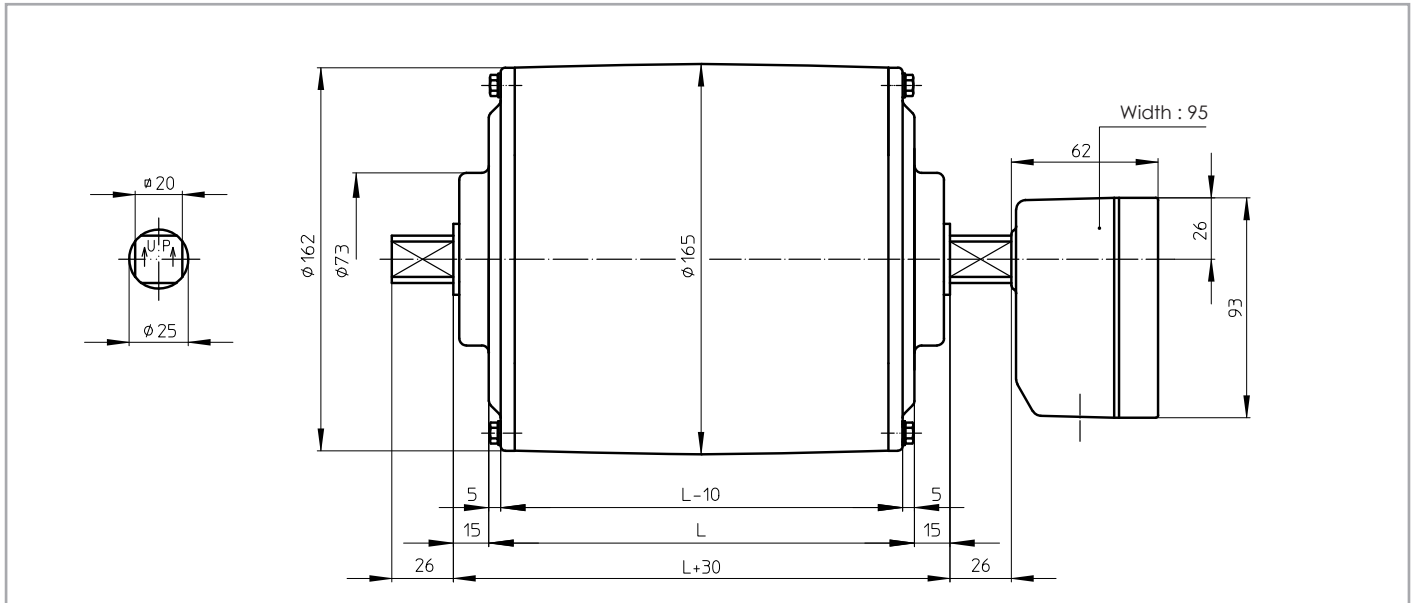
TM 160B25

TM 160B25, mildsteel drummotor with cast iron junction box



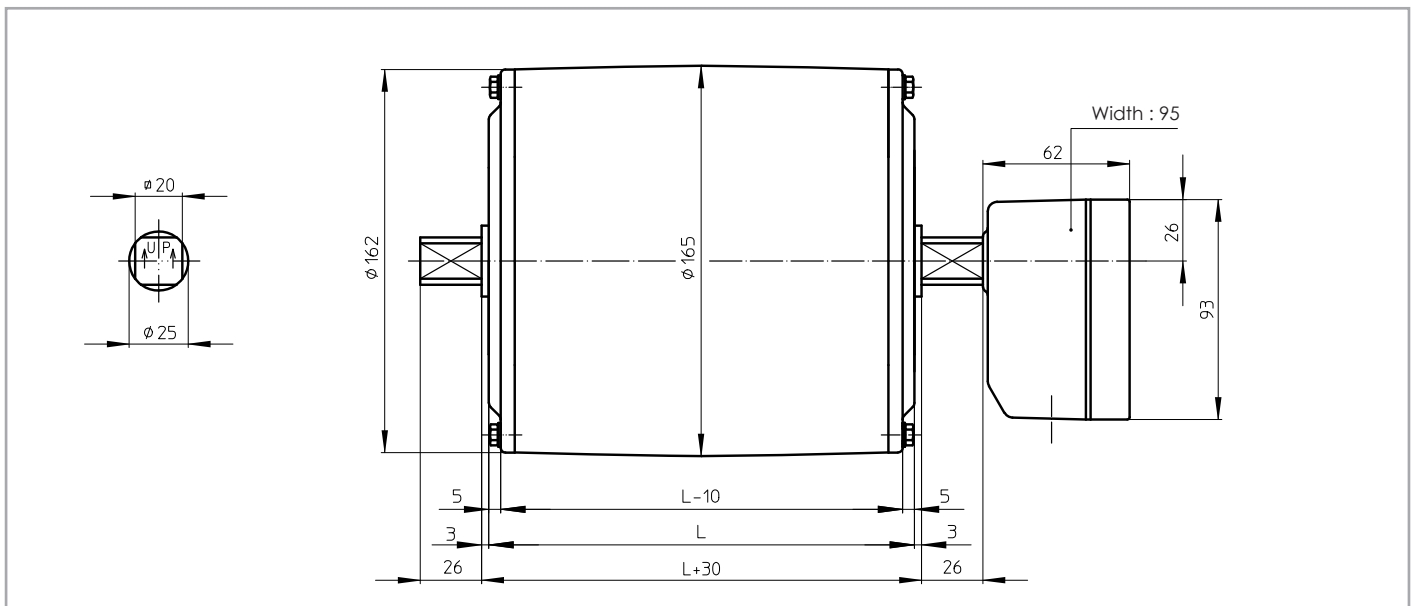
TM 160A25 CR (RVS)

TM 160A25 CR, stainless steel drummotor with polyamide junction box and CR sealing



TM 160B25 CR (RVS)

TM 160B25 CR, stainless steel drummotor with polyamide junction box and CR sealing

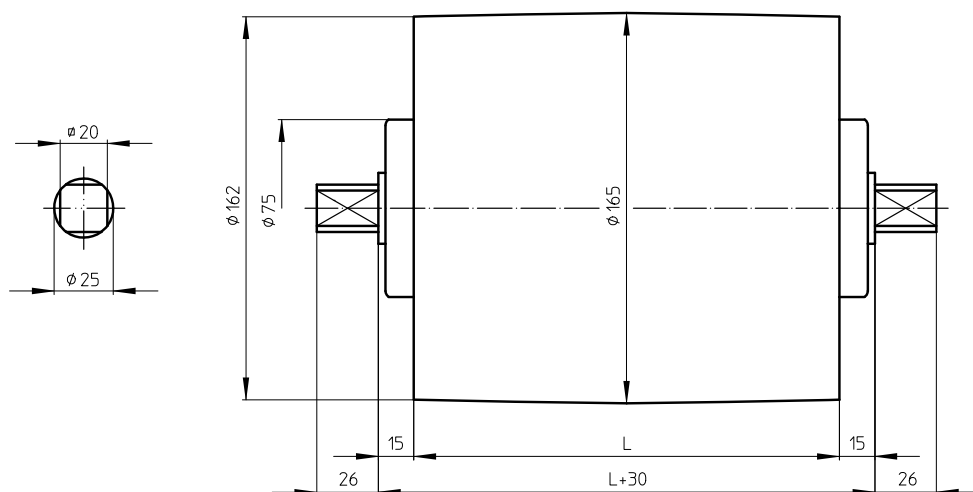




Dimensions taildrums

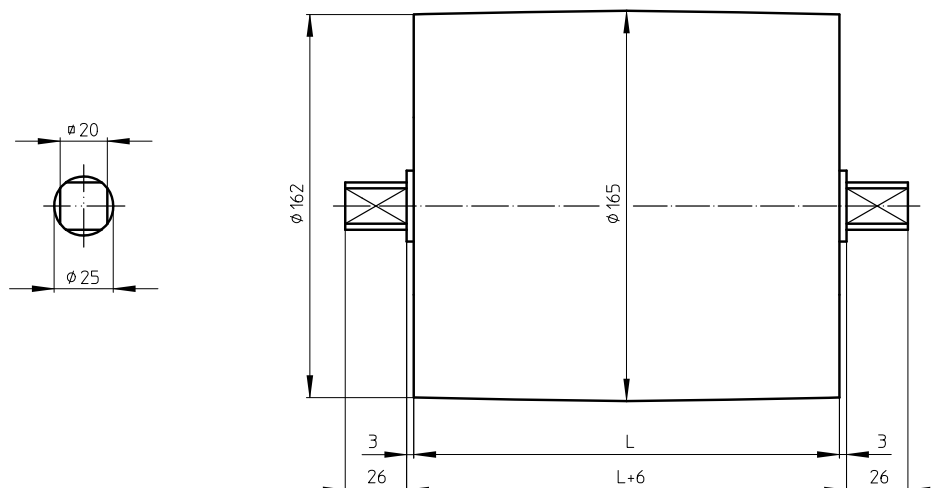
KT 160A25

KT 160A25, mildsteel taildrum



KT 160B25

KT 160B25, mildsteel taildrum





Technical drawing of a cylindrical component. The drawing includes a cross-section view on the left and a side view on the right.

Cross-section view (left):

- Outer diameter: $\phi 25$
- Inner diameter: $\phi 20$

Side view (right):

- Overall height: $\phi 162$
- Inner diameter: $\phi 165$
- Height of the central section: $\phi 73$
- Length dimensions (from left to right):
 - 5
 - 15
 - $L - 10$
 - L
 - 15
 - 5
 - 26
 - $L + 30$
 - 26

KT 160B25 CR (RVS)



Cable exit

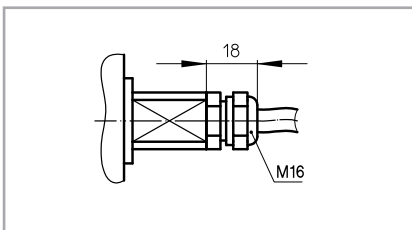
Standard execution of a TM 160-25 is with a cast iron terminal box. For stainless steel execution, this can be either a polyamide or stainless steel terminal box.

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.

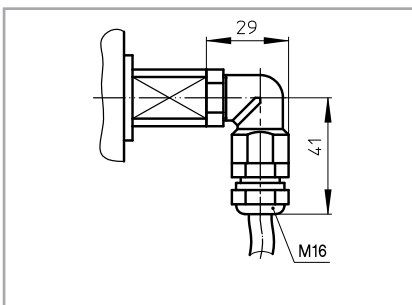
Option 1

Straight cable exit with cable gland



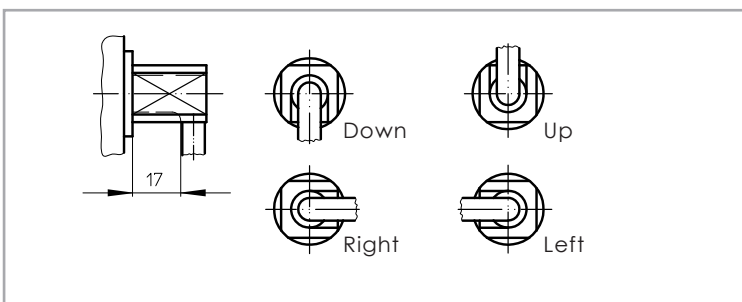
Option 3

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)

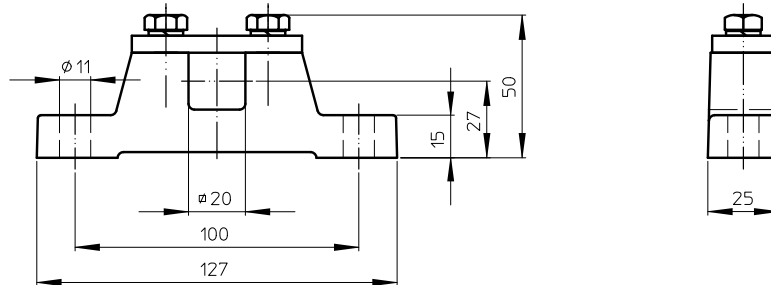




Bracket drawings

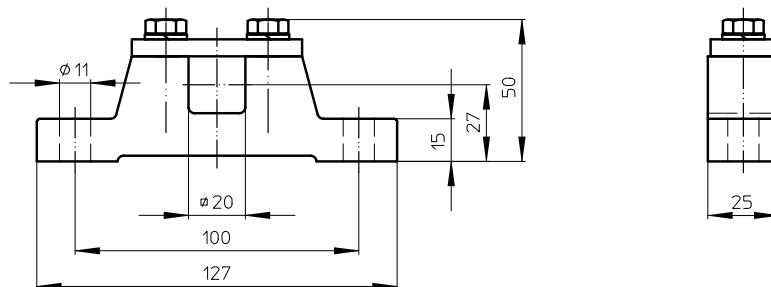
AB 25

AB 25, cast iron or steel bracket



AB 25 RVS

AB 25 RVS, stainless steel bracket





Van der Graaf

Power Transmission Equipment

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