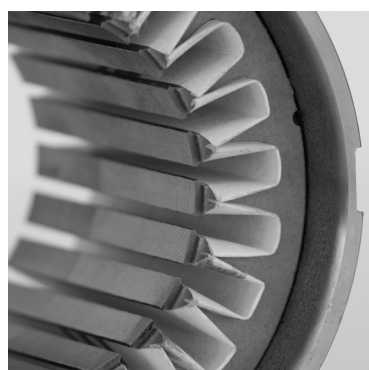
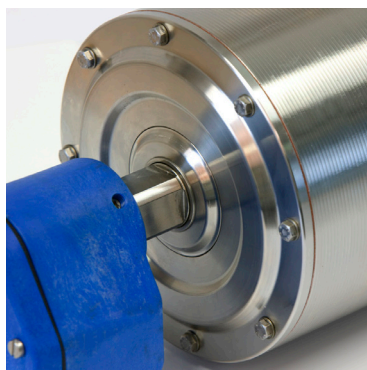


Product information

Drummotors

TM 273-40



Van der Graaf
Power Transmission Equipment



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Introduction

This catalogue contains standard designs of the TM 273-40. 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 273-40

TYPE TM 273.40	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=600
275	5,50	4,95 1055	4,45 1175	3,55 1470	3,15 1655							500	550	11,0	90
275 Z		2,50 2075													
275 ZV		2,20 2390	1,95 2695	1,80 2885	1,70 3110	1,40 3785	1,30 4055	1,20 4375							
255	4,00	4,95 770	4,45 855	3,55 1070	3,15 1205							500	550	8,0	85
255 Z		2,50 1510	2,20 1740	1,95 1960	1,80 2100	1,70 2265									
255 ZV		1,40 2755	1,30 2950	1,20 3185											
440	3,00	3,70 775	3,05 940	2,50 1150	2,25 1280	1,80 1600	1,60 1800					500	550	6,6	85
440 Z		1,25 2255													
440 ZV		1,10 2600	1,00 2930	0,90 3135	0,85 3385										
430	2,20	3,70 565	3,05 690	2,60 800	2,15 970	1,75 1185	1,60 1320	1,25 1650	1,15 1860			500	500	4,7	85
430 Z		1,05 1935	0,90 2350												
430 ZV		0,85 2530	0,75 2745	0,70 3020	0,65 3235	0,60 3490									
420	1,50	3,70 385	3,05 470	2,60 545	2,15 660	1,75 810	1,60 900	1,25 1125	1,15 1265	1,00 1440	0,85 1645	500	500	3,6	80
420 Z		0,75 1870	0,70 2060	0,65 2205											
420ZV		0,60 2380	0,50 2865												
620 ZV	1,50	0,46 3100	0,43 3320	0,40 3585	0,36 3910							500	550	3,7	85
415	1,10	3,70 285	3,05 345	2,60 400	2,15 485	1,75 595	1,60 660	1,25 825	1,10 930	1,00 1055	0,85 1210	500	500	2,9	75
		0,75 1400													
415 Z		0,70 1510	0,65 1615	0,60 1745	0,50 2100										
615 Z	1,10	0,46 2275										500	500	2,9	80
615 ZV		0,43 2435	0,40 2630	0,36 2865	0,33 3160										
610	0,75	1,75 410	1,45 495	1,15 610	1,05 675	0,85 845	0,75 955	0,65 1080	0,55 1240	0,50 1435		500	500	2,5	80
610 Z		0,46 1550	0,43 1660	0,40 1790	0,36 2005	0,33 2155									
810 ZV	0,75	0,30 2400	0,27 2615	0,25 2885								500	500	2,7	80
675	0,55	1,75 300	1,45 365	1,15 445	1,05 495	0,85 620	0,75 700	0,65 795	0,55 910	0,50 1055		500	500	1,9	75
675 Z		0,46 1135	0,43 1215	0,40 1315	0,36 1470	0,33 1580									
875 Z	0,55	0,30 1760	0,27 1915	0,25 2115								500	500	2,2	80
1275 ZV	0,55	0,22 2420	0,20 2600	0,17 3130								500	550	2,6	85
805	0,37	1,30 265	1,10 325	0,90 395	0,80 440	0,65 550	0,55 620	0,50 705	0,45 805	0,40 935		500	500	1,8	75
805 Z		0,35 1010	0,33 1080	0,30 1165	0,27 1320	0,25 1405									
1205	0,37	0,70 510										500	500	2,0	80
1205 Z		0,22 1595	0,19 1845	0,16 2220											

Available standard facewidth's: 500 - 550 - 600 - 650 - 700 - 750 - 800 - 850 - 900 - 950 - 1000 - 1050 - 1100 - 1150 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. 6 kg. per 100 mm.

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

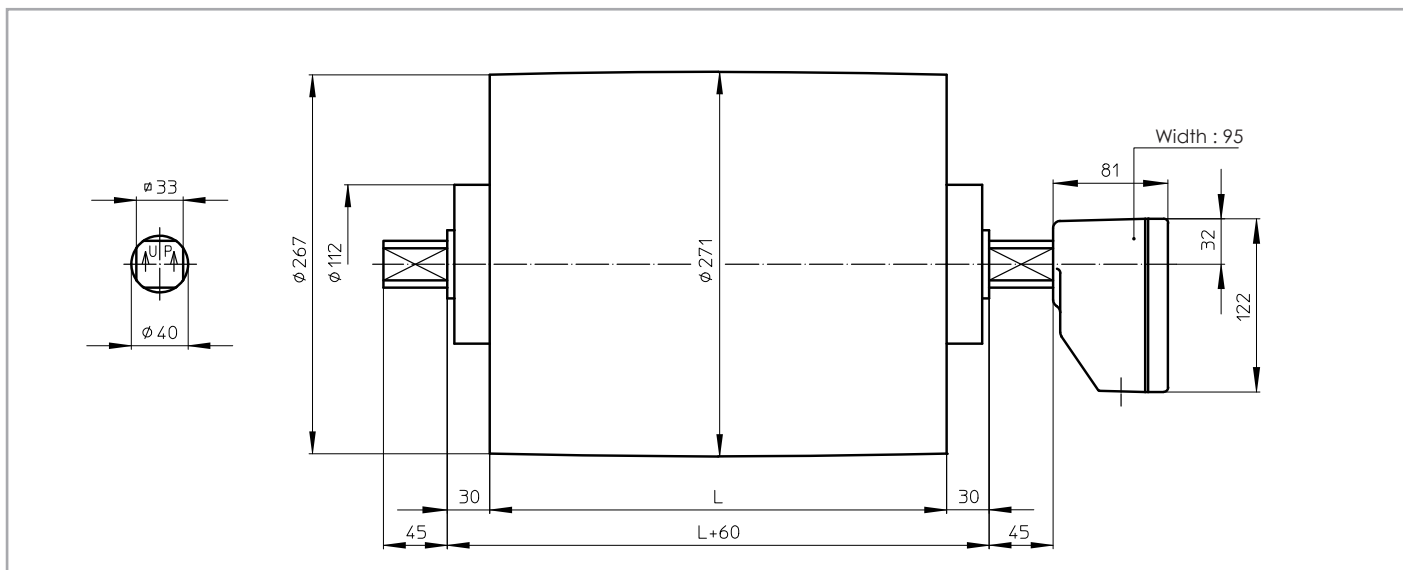
We reserve the right to technical specification changes.



Dimensions drummotors

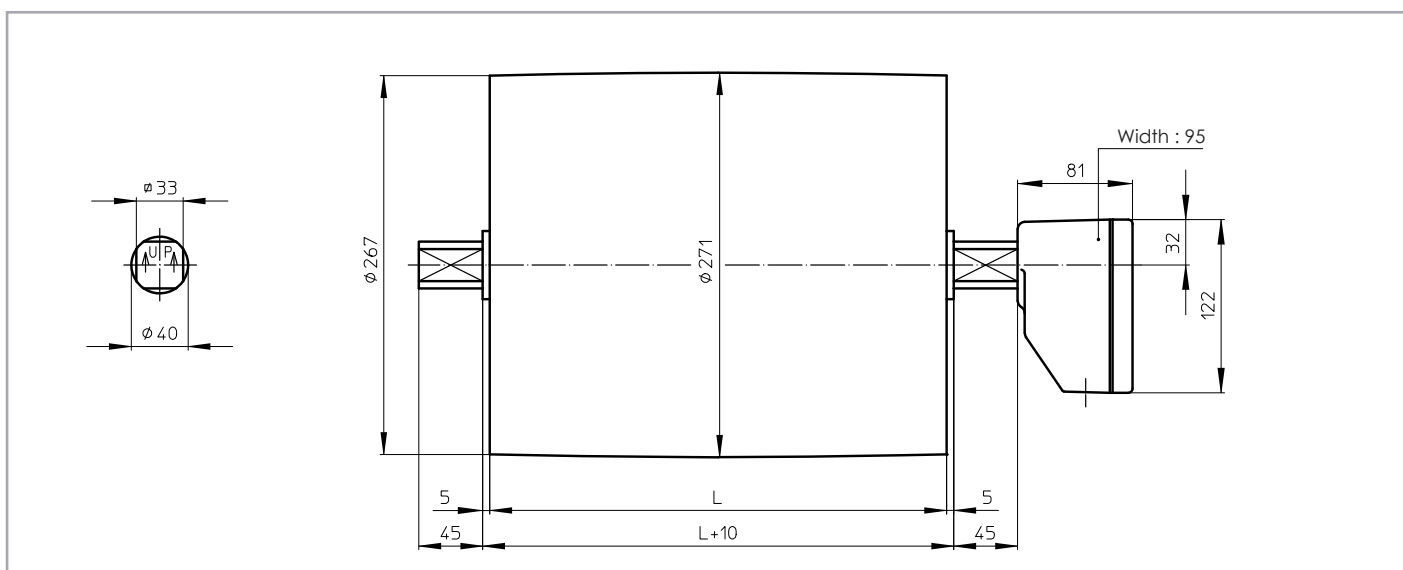
TM 273A40

TM 273A40, mildsteel drummotor with cast iron junction box



TM 273B40

TM 273B40, mildsteel drummotor with cast iron junction box

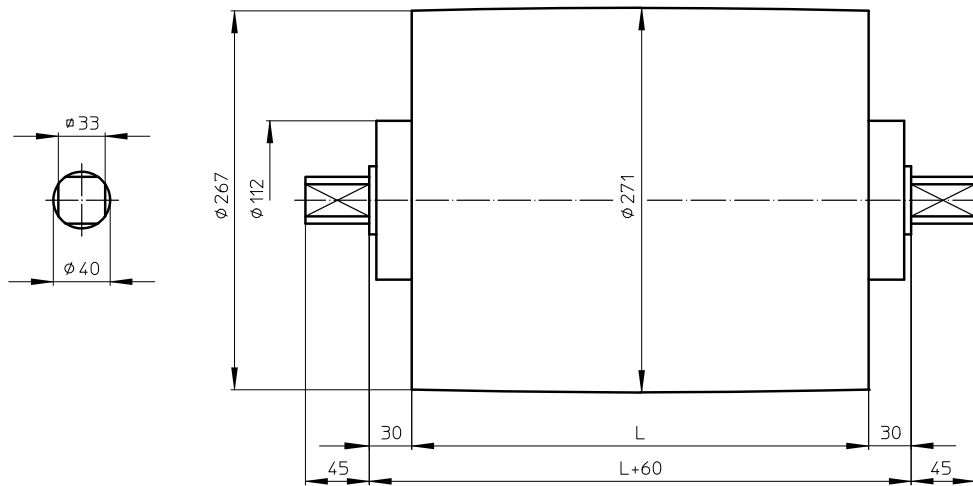




Dimensions taildrums

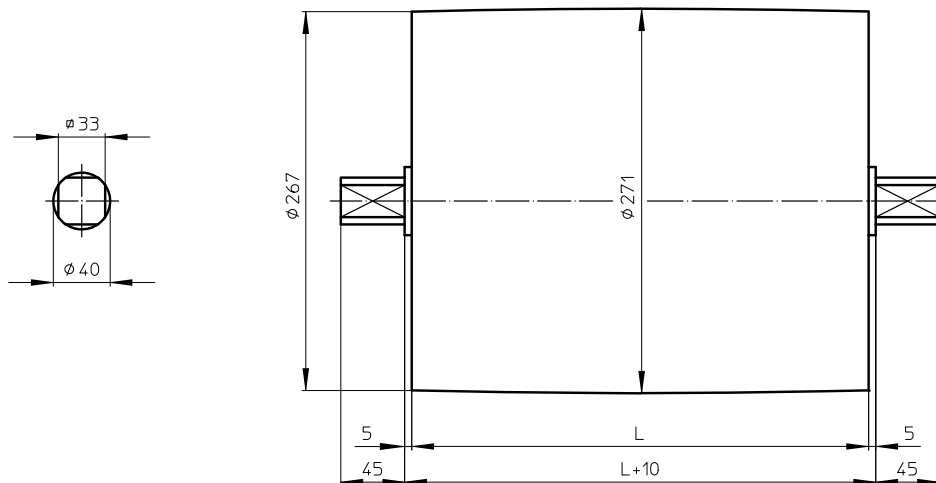
KT 273A40

KT 273A40, mildsteel taildrum



KT 273B40

KT 273B40, mildsteel taildrum





Cable exit

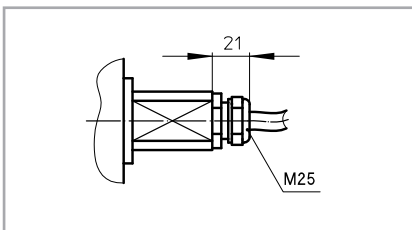
Standard execution of a TM 273-40 is with a cast iron terminal box. For stainless steel execution, this can be either a polyamide or stainless steel terminal box.

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.

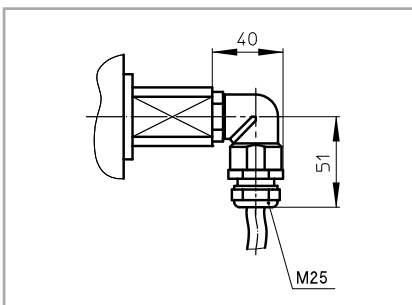
Option 1

Straight cable exit with cable gland



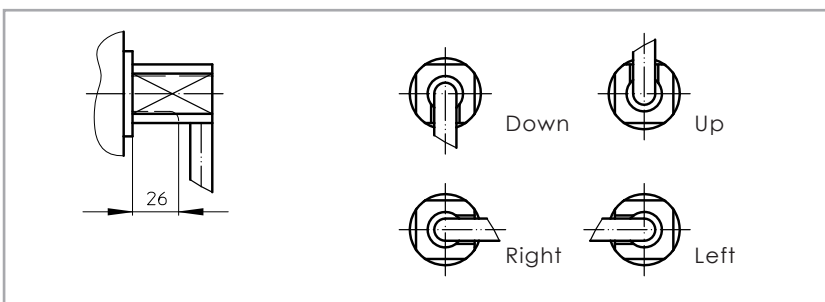
Option 3

Elbow cable exit with cable gland (minimum drumlength increases with at least 50 mm)



Option 4

Open cable exit (minimum drumlength increases with at least 50 mm)

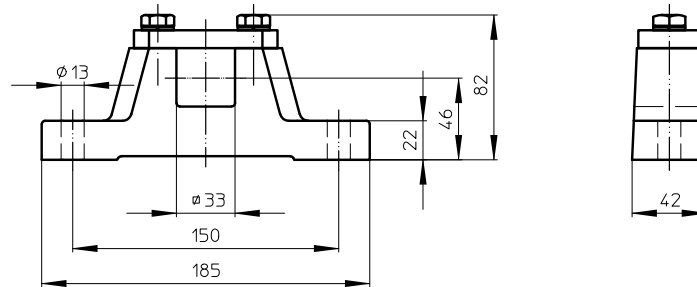




Bracket drawings

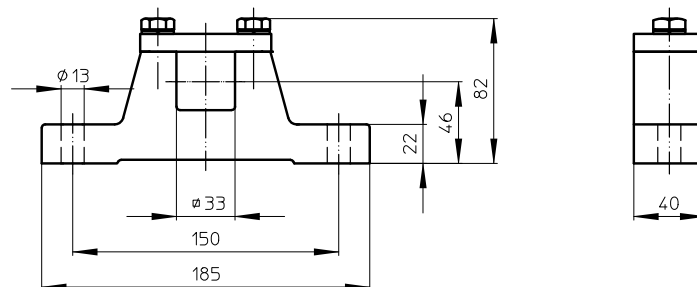
AB 40

AB 40, cast iron or steel bracket



AB 40 RVS

AB 40 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

