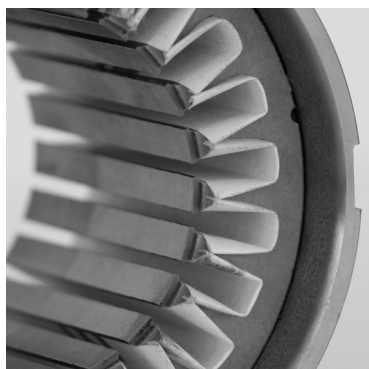
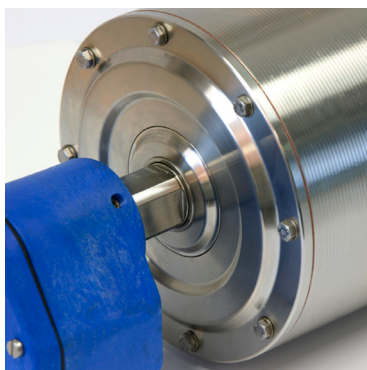


Product information

Drummotors

TM 400-50



Van der Graaf
Power Transmission Equipment



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Introduction

This catalogue contains standard designs of the TM 400-50. 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

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Product overview TM 400-50

TYPE TM 400.50	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
215	11	4,80 2175	4,20 2490	3,60 2905								600 (650)	650 (700)	19,7	205
215 Z		3,40 3075	3,20 3265	3,00 3485	2,60 4020	2,40 4355									
215 ZV		2,00 5225													
410	7,5	4,30 1655	3,90 1825	3,50 2035	3,10 2300	2,80 2545	2,40 2970	2,10 3395	1,80 3960			600	650	15,0	205
410 Z		1,70 4190	1,60 4455	1,50 4750											
410 ZV		1,30 5480													
475	5,5	4,30 1215	3,90 1340	3,50 1495	3,10 1685	2,80 1865	2,40 2175	2,10 2490	1,80 2905			600	600	10,5	200
475 Z		1,70 3075	1,60 3265	1,50 3485	1,30 4020	1,20 4355									
475 ZV		1,00 5225													
455	4,0	4,30 885	3,90 975	3,50 1085	3,10 1225	2,80 1355	2,40 1585	2,10 1810	1,90 2000	1,70 2235	1,50 2535	600	600	7,8	195
455 Z		1,30 2925	1,10 3455												
455 ZV		1,00 3800	0,90 4220	0,85 4470	0,80 4750										
440	3,0	2,80 1020	2,40 1190	2,10 1355	1,90 1500	1,70 1675	1,50 1900	1,30 2190	1,20 2375	1,00 2850		600	600	6,6	195
440 Z		0,90 3165	0,80 3565	0,70 4070	0,65 4385										
640	3,0	3,50 815	1,60 1780	1,40 2035	1,10 2590							600	600	7,1	195
640 Z		0,60 4750													
640 ZV		0,50 5700													
630	2,2	1,90 1100	1,60 1305	1,40 1495	1,10 1900	1,00 2090	0,85 2460	0,75 2785	0,65 3215			600	600	4,9	195
630 Z		0,60 3485	0,50 4180	0,45 4645											
630 ZV		0,40 5225													
820	1,5	1,40 1020	1,20 1190	1,10 1295	0,80 1780	0,75 1900	0,65 2190	0,60 2375	0,50 2850			600	600	4,6	195
820 Z		0,45 3165	0,40 3565	0,36 3960	0,32 4455										
1220	1,5	0,90 1585	0,70 2035									600	600	5,8	200
1220 Z		0,30 4750													
1220 ZV		0,26 5480													
815	1,1	1,40 745	1,20 870	1,10 950	0,80 1305	0,75 1395	0,65 1610	0,60 1740	0,50 2090			600	600	3,3	195
815 Z		0,45 2320	0,40 2615	0,36 2905	0,32 3265										
1215	1,1	0,90 1160	0,70 1495									600	600	5,9	195
1215 Z		0,30 3485	0,26 4020	0,24 4355											
1215 ZV		0,20 5225													

Available standard facewidth's: 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 a 2-pole drummotor is fitted with a backstop, the minimum facewidth is increased by 50 mm.

When an electro-mechanical brake is fitted, the minimum facewidth is increased by 150 mm.

The total weight of a drummotor grows approx. 12,5 kg. per 100 mm.

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

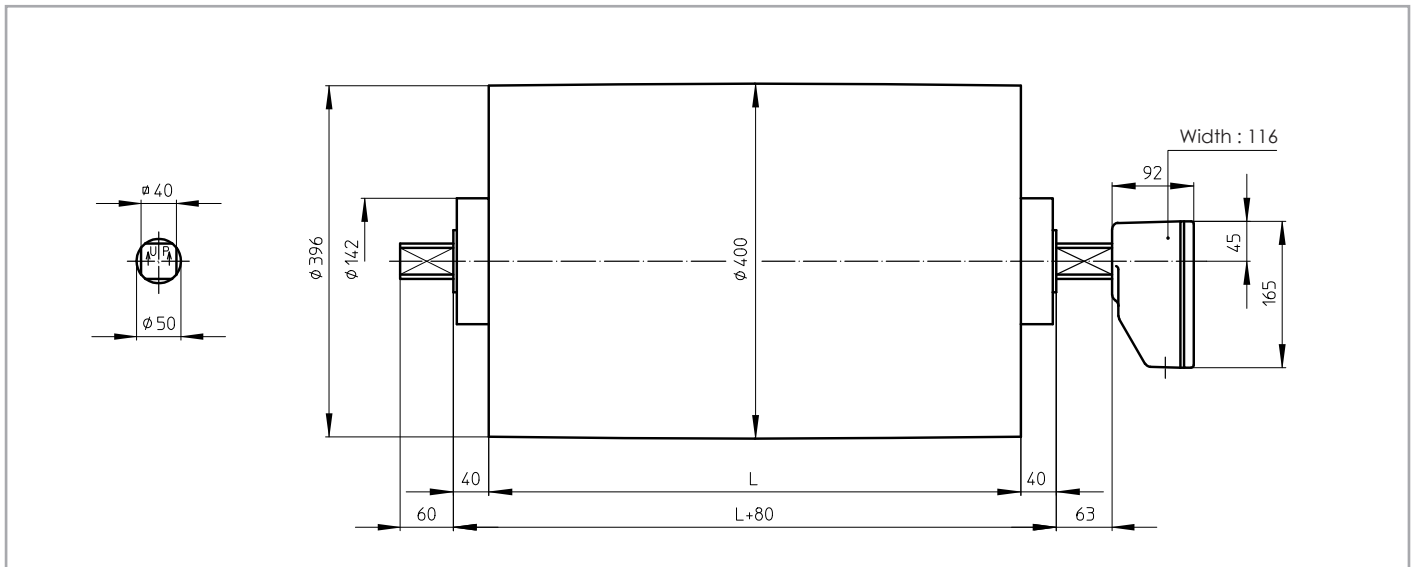
We reserve the right to technical specification changes.



Dimensions

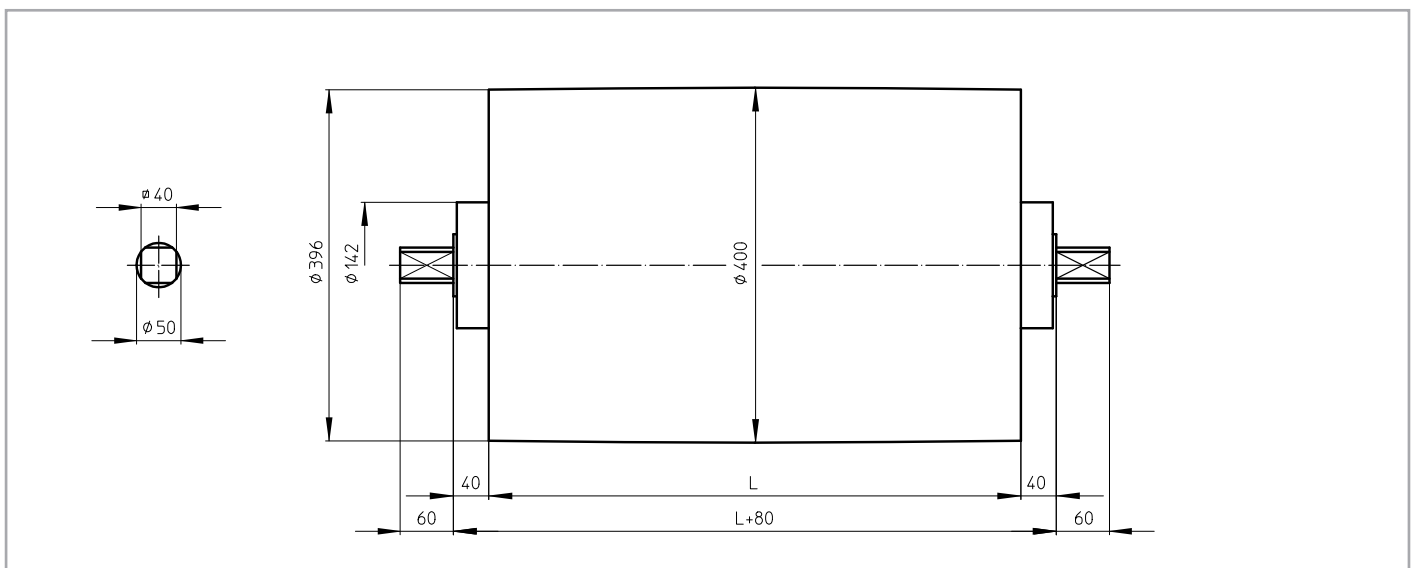
TM 400A50

TM 400A50, mildsteel drummotor with cast iron junction box



KT 400A50

KT 400A50, mildsteel taildrum





Cable exit

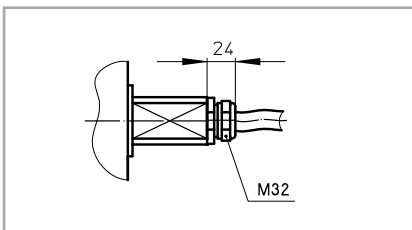
Standard execution of a TM 400A50 is with a cast iron terminal box. For stainless steel execution, this can be either a polyamide or stainless steel terminal box.

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.

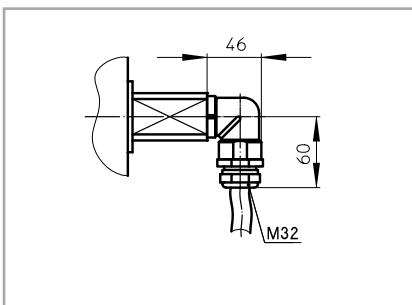
Option 1

Straight cable exit with cable gland



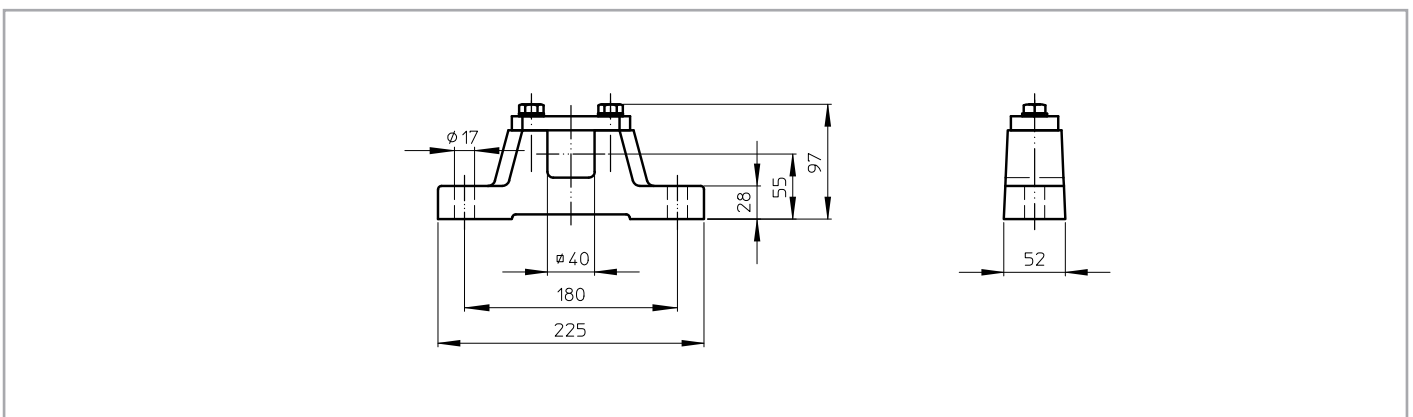
Option 3

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



AB 50

AB 50, cast iron or steel bracket





Van der Graaf

Power Transmission Equipment

Contact us

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