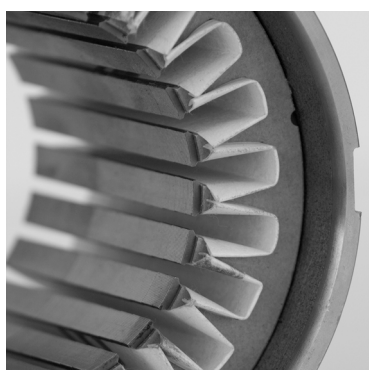
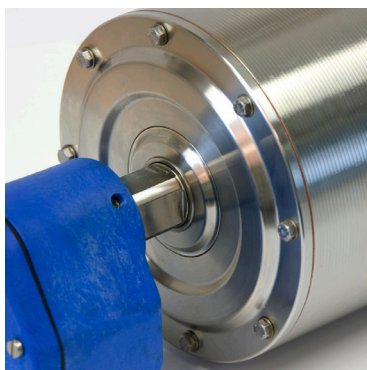


Product information

Drummotors

TM 315-40



Van der Graaf
Power Transmission Equipment





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Introduction

This catalogue contains standard designs of the TM 315-40. 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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05-082 Kwirynów

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Product overview TM 315-40

TYPE TM 315.40	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	5,20 1005	4,10 1275	3,70 1410							500	550	11,0	115		
275 Z		3,00 1740	2,50 2090	2,30 2270	2,10 2490											
275 ZV		1,90 2750	1,60 3265	1,50 3485	1,40 3730	1,30 4020										
255	4,00	5,20 730	4,10 925	3,70 1025							500	550	8,0	110		
255 Z		3,00 1265	2,50 1520	2,30 1650	2,10 1810	1,90 2000	1,60 2375									
255 ZV		1,50 2535	1,40 2715	1,30 2925												
440	3,00	4,30 665	3,50 815	2,90 985	2,60 1095	2,10 1355	1,80 1585					500	550	6,6	110	
440 Z		1,50 1900	1,30 2190													
440 ZV		1,10 2590	0,95 3000													
430	2,20	4,30 485	3,50 595	3,00 695	2,50 835	2,10 995	1,80 1160	1,50 1395	1,30 1610			500	500	4,7	110	
430 Z		1,00 2090	0,90 2320													
430 ZV		0,80 2615	0,75 2785	0,70 2985	0,65 3215											
420	1,50	4,30 330	3,50 405	3,00 475	2,50 570	2,10 680	1,80 790	1,50 950	1,30 1095	1,10 1295	1,00 1425	500	500	3,6	105	
420 Z		0,90 1585	0,80 1780	0,75 1900	0,70 2035	0,65 2190	0,60 2375									
620 ZV	1,50	0,55 2590	0,50 2850	0,45 3165	0,40 3565						500	550	3,7	110		
415	1,10	4,30 245	3,50 300	3,00 350	2,50 420	2,10 500	1,80 580	1,50 695	1,30 805	1,10 950	1,00 1045	500	500	2,9	100	
		0,90 1160														
415 Z		0,80 1305	0,75 1395	0,70 1495	0,65 1610	0,60 1740										
615 Z	1,10	0,55 1900	0,50 2090	0,45 2320							500	500	2,9	105		
615 ZV		0,40 2615														



TYPE TM 315.40	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
610	0,75	2,10 340	1,70 420	1,40 510	1,25 570	1,00 715	0,90 790	0,75 950	0,70 1015	0,60 1190	500	500	2,5	105
610 Z		0,55 1295	0,50 1425	0,45 1585	0,40 1780									
810 Z	0,75	0,34 2095	0,31 2300								500	500	2,7	105
810 ZV		0,28 2545												
675	0,55	2,10 250	1,70 305	1,40 375	1,25 420	1,00 525	0,90 580	0,75 695	0,70 745	0,60 870	500	500	1,9	100
675 Z		0,55 950	0,50 1045	0,45 1160	0,40 1305									
875 Z	0,55	0,34 1535	0,31 1685	0,28 1865							500	500	2,2	105
1275 Z	0,55	0,25 2090	0,22 2375								500	550	2,6	110
1275 ZV		0,18 2905												
805	0,37	1,50 235	1,25 280	1,00 350	0,95 370	0,75 470	0,65 540	0,60 585	0,50 705	0,45 780	500	500	1,8	100
805 Z		0,40 880	0,37 950	0,34 1035	0,31 1135	0,28 1255								
1205	0,37	0,80 440									500	500	2,0	105
1205 Z		0,25 1405	0,22 1600	0,18 1955										

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. 7,5 kg. per 100 mm.

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

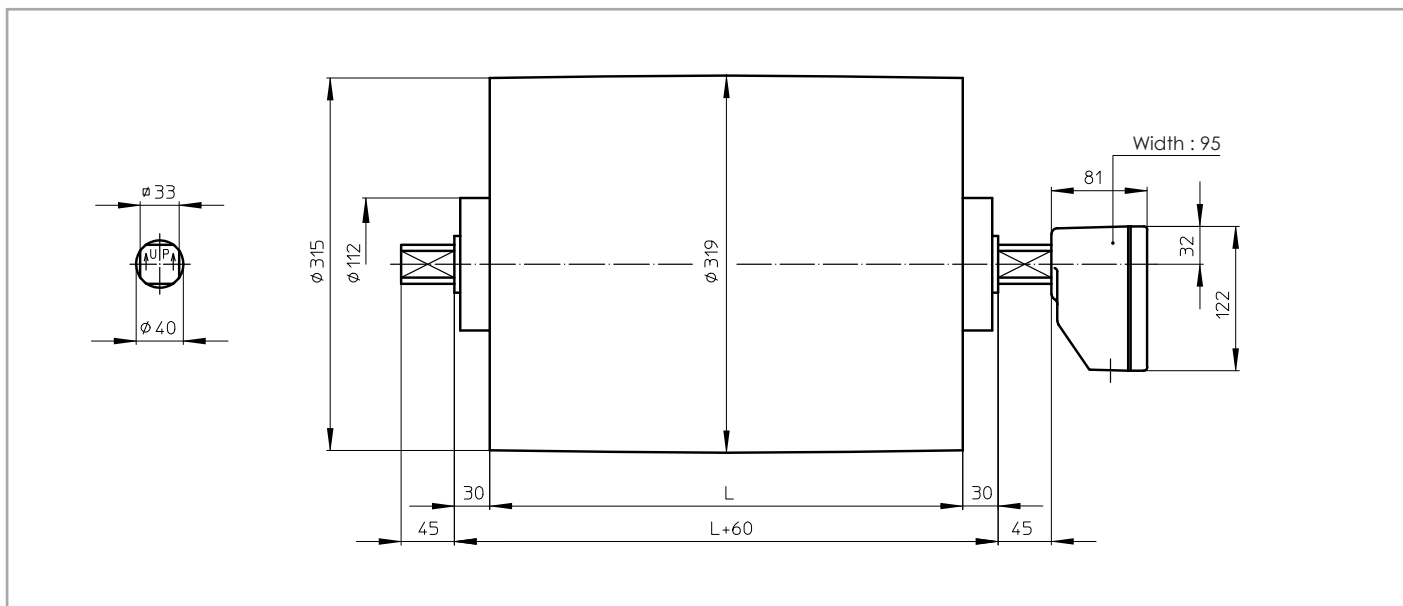
We reserve the right to technical specification changes.



Dimensions drummotors

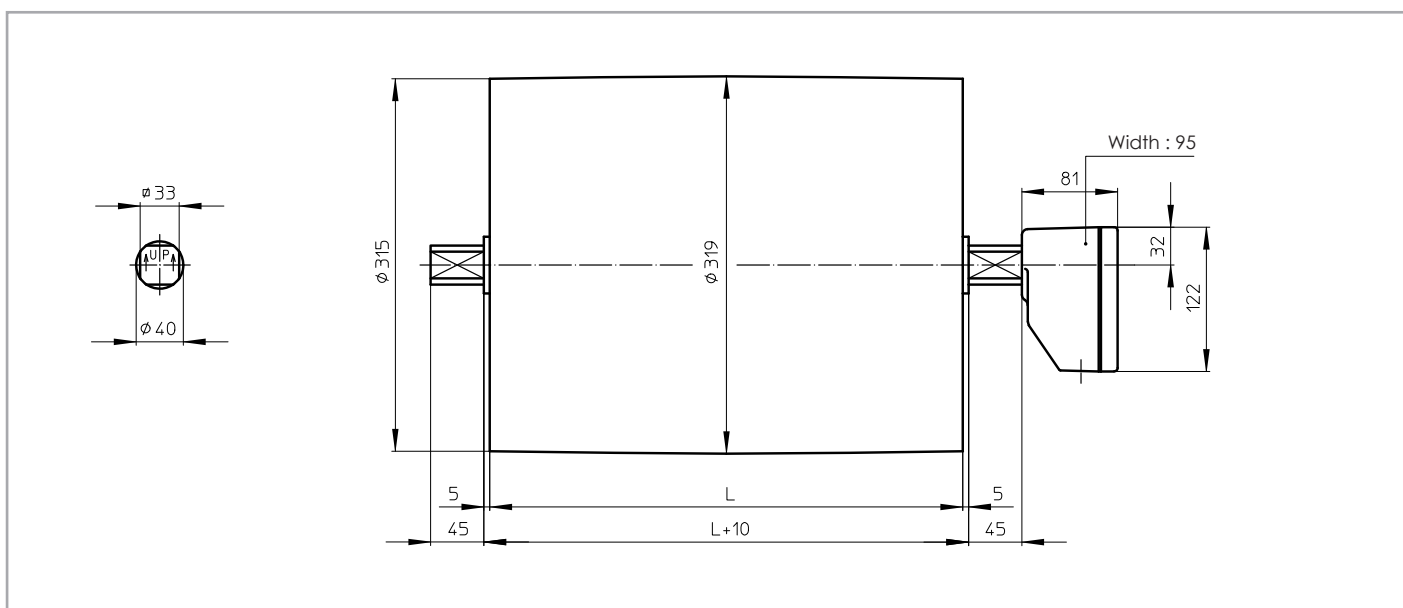
TM 315A40

TM 315A40, mildsteel drummotor with cast iron junction box



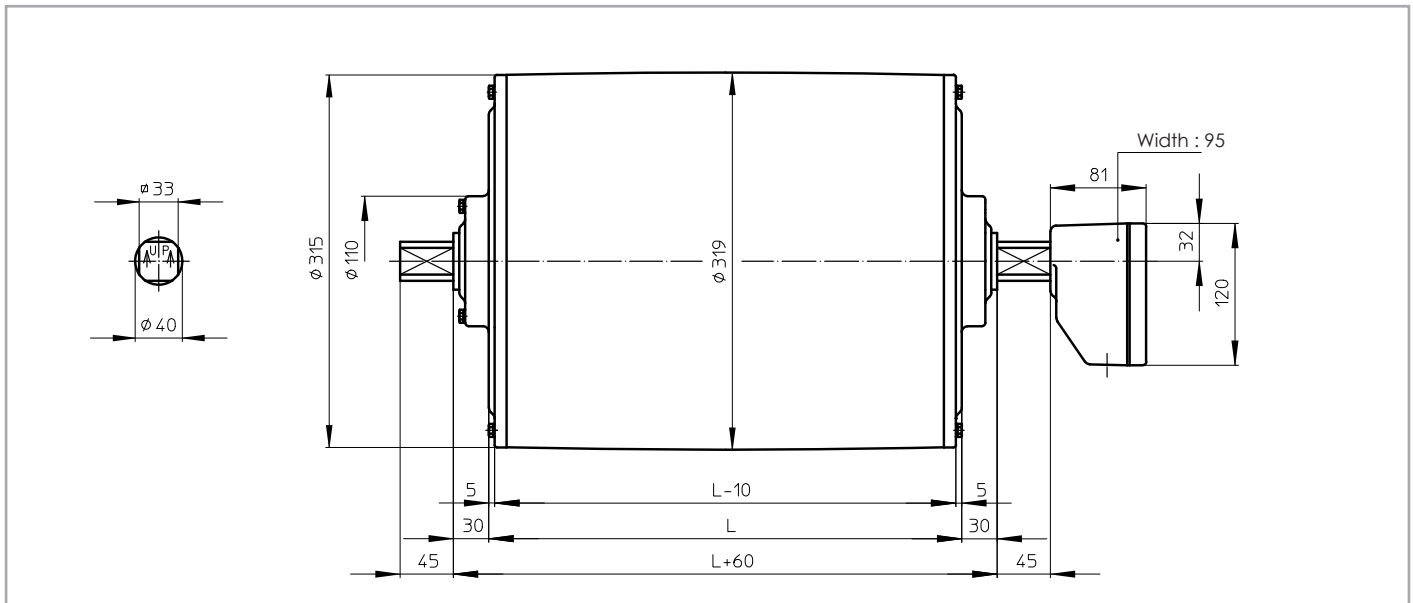
TM 315B40

TM 315B40, mildsteel drummotor with cast iron junction box



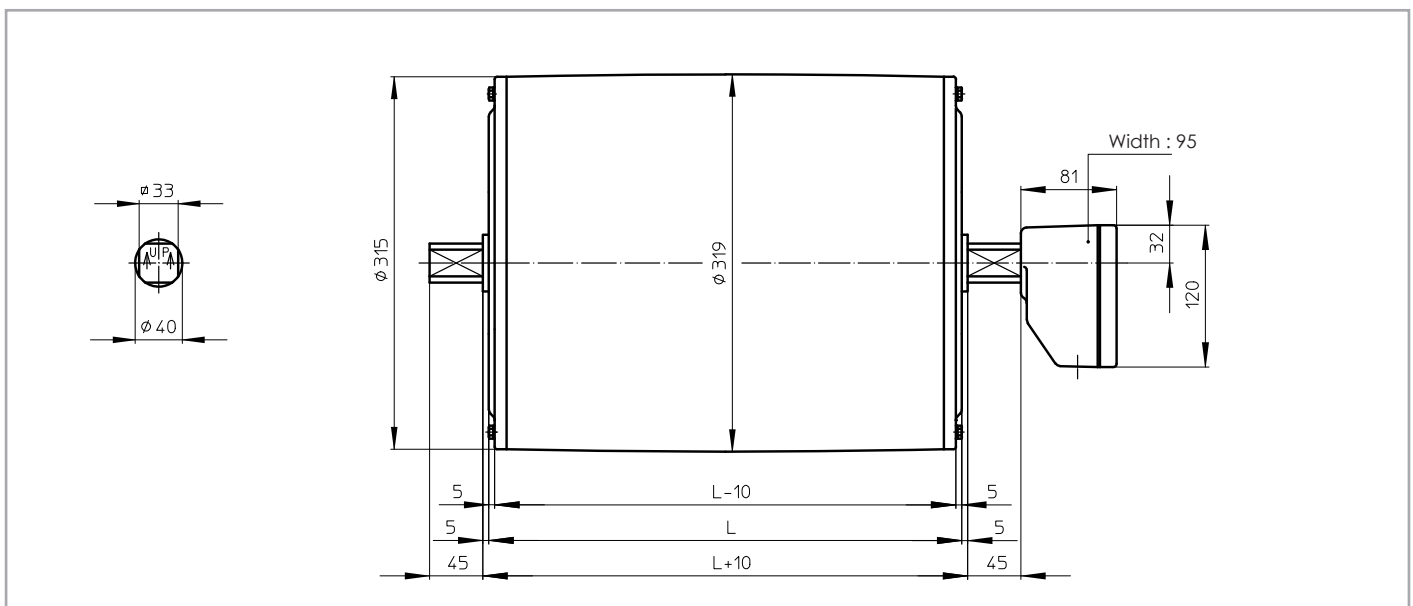
TM 315A40 CR (RVS)

TM 315A40 CR, stainless steel drummotor with polyamide junction box and CR sealing



TM 315B40 CR (RVS)

TM 315B40 CR, stainless steel drummotor with polyamide junction box and CR sealing

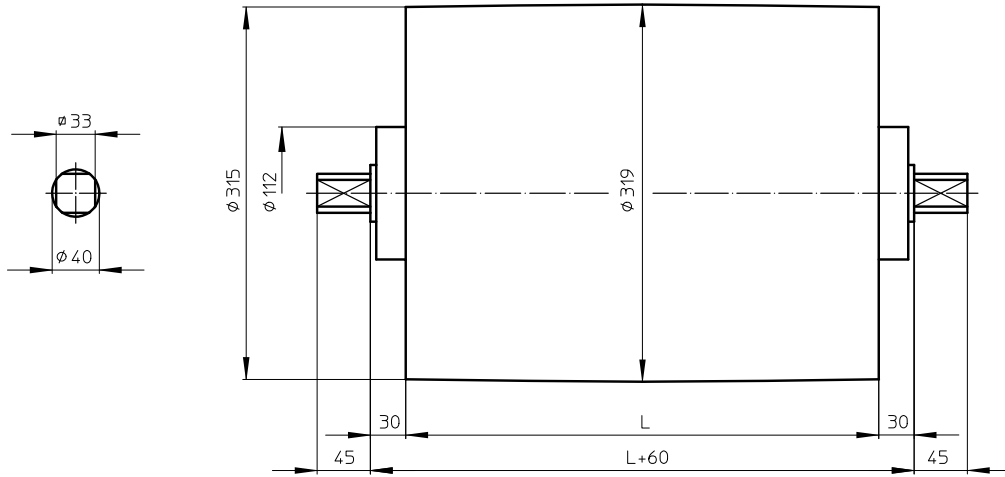




Dimensions taildrums

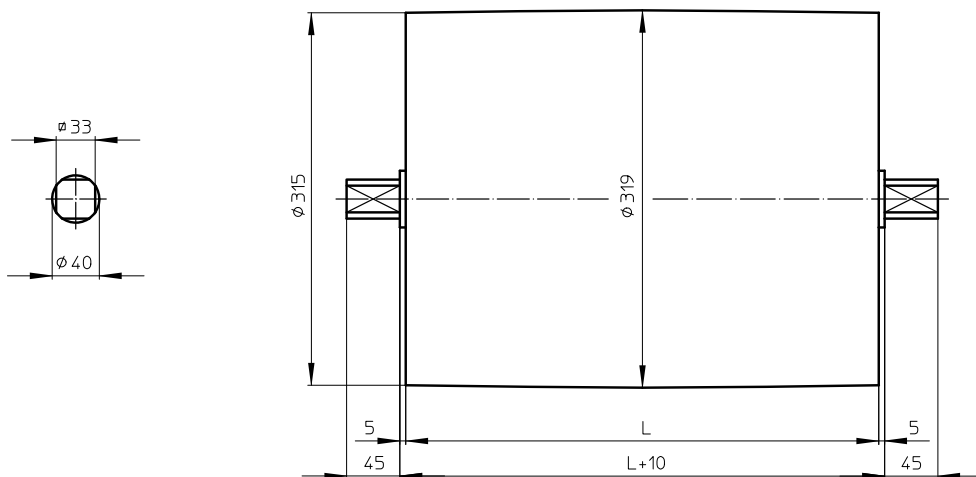
KT 315A40

KT 315A40, mildsteel taildrum



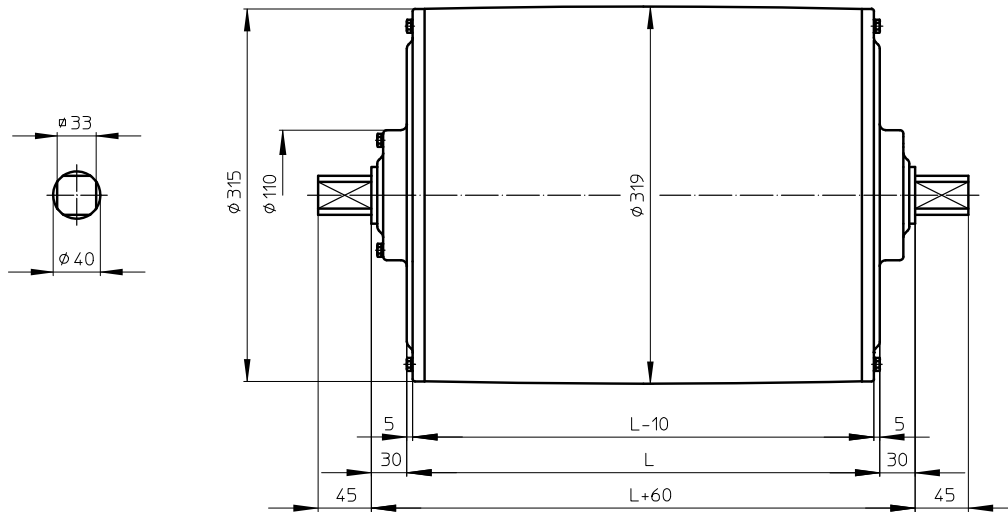
KT 315B40

KT 315B40, mildsteel taildrum



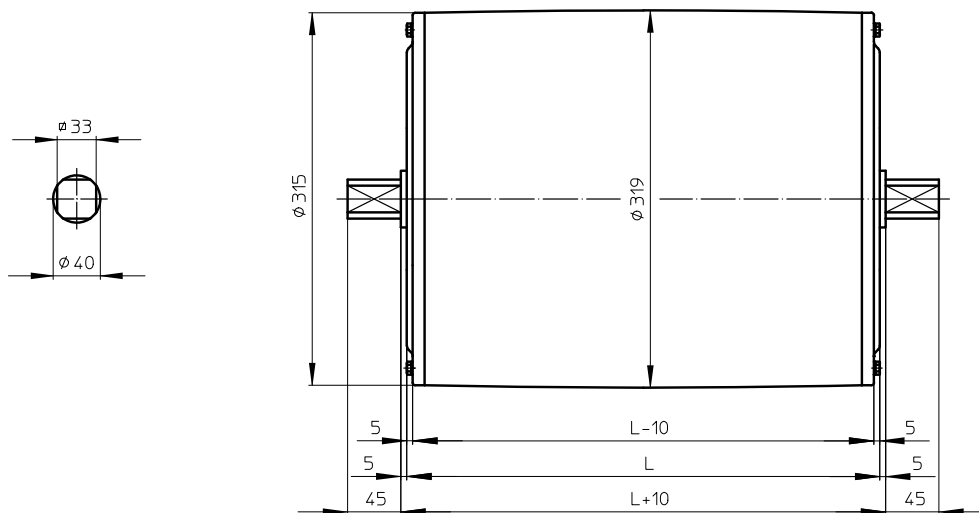
KT 315A40 CR (RVS)

KT 315A40 CR, stainless steel taildrum with CR sealing



KT 315B40 CR (RVS)

KT 315B40 CR, stainless steel taildrum with CR sealing





Cable exit

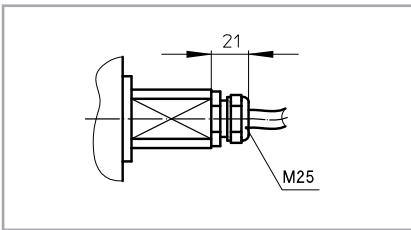
Standard execution of a TM 315-40 is with a cast iron terminal box. For stainless steel execution, this can be either a polyamide or stainless steel terminal box.

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.

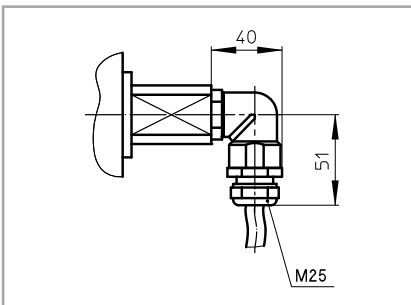
Option 1

Straight cable exit with cable gland



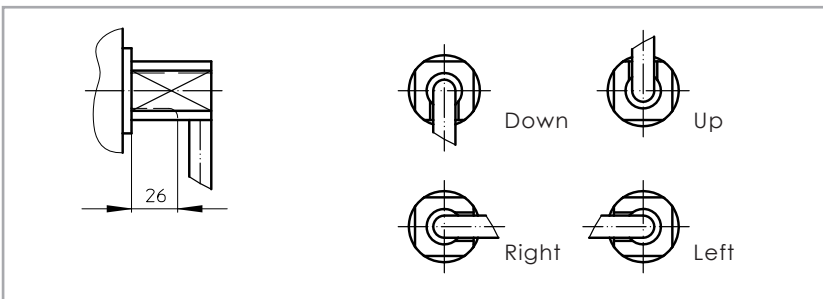
Option 3

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)

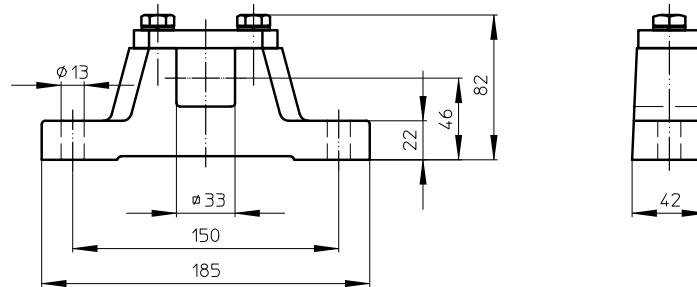




Bracket drawings

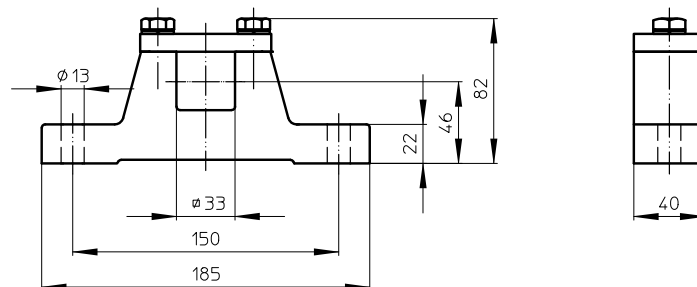
AB 40

AB 40, cast iron or steel bracket



AB 40 RVS

AB 40 RVS, stainless steel bracket





Van der Graaf

Power Transmission Equipment

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