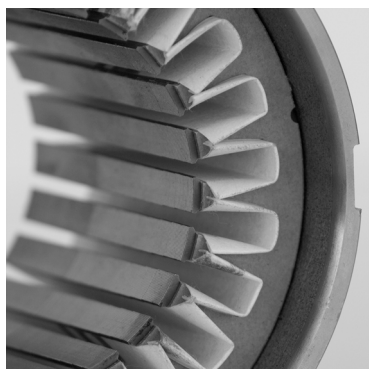
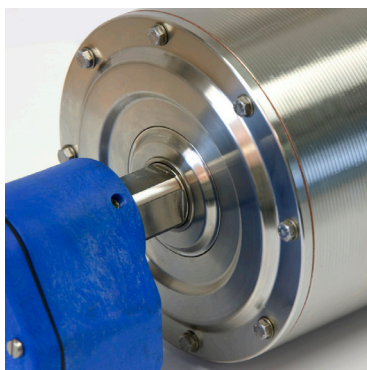


Product information

Drummotors

TM 315-50



Van der Graaf
Power Transmission Equipment



Index

TM 315-50	2
Introduction	
Address details	
Product overview TM 315-50	3
Dimensions drummotors	4
TM 315A50	
TM 315B50	
TM 315A50 CR (RVS)	
TM 315B50 CR (RVS)	
Dimensions taildrums	6
KT 315A50	
KT 315B50	
KT 315A50 CR (RVS)	
KT 315B50 CR (RVS)	
Cable exit	8
Option 1	
Option 3	
Bracket drawings	9
AB 50	
Contact us	10

Introduction

This catalogue contains standard designs of the TM 315-50. 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

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 315-50

TYPE TM 315.50	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	4,40 2375	3,80 2750	3,40 3075	3,00 3485							600 (650)	650 (700)	19,7	140	
215 Z		2,80 3730	2,50 4180	2,40 4355	2,20 4750											
215 ZV		1,90 5500	1,60 6530													
410	7,5	4,10 1740	3,40 2095	3,00 2375	2,40 2970	2,20 3240	1,90 3750	1,70 4190	1,50 4750			600	650	15	140	
410 ZV		1,40 5090	1,25 5700	1,20 5940	1,10 6475											
475	5,5	4,10 1275	3,40 1535	3,00 1740	2,40 2175	2,20 2375	1,90 2750	1,70 3075	1,50 3485			550	600	10,5	135	
475 Z		1,40 3730	1,25 4180	1,20 4355	1,10 4750											
475 ZV		0,95 5500	0,80 6530													
455	4,0	4,10 925	3,40 1120	3,00 1265	2,40 1585	2,30 1650	1,90 2000	1,70 2235	1,50 2535	1,40 2715	1,20 3165	500	550	7,8	130	
455 Z		1,10 3455	0,90 4220													
		0,80 4750														
		0,70 5430	0,65 5845	0,60 6335	0,55 6910											
440	3,0	2,30 1240	1,90 1500	1,70 1675	1,50 1900	1,40 2035	1,20 2375	1,10 2590	0,90 3165	0,80 3565			500	550	6,6	130
440 Z		0,70 4070	0,60 4750													
440 ZV		0,55 5180	0,50 5700													
640	3,0	2,70 1055	1,60 1780									500	550	7,1	130	
640 ZV		0,45 6335	0,40 7125													
630	2,2	1,50 1395	1,20 1740	1,10 1900	0,90 2320	0,80 2615	0,70 2985	0,60 3485	0,50 4180			500	550	4,9	130	
630 Z		0,45 4645														
630 ZV		0,40 5225	0,38 5500	0,34 6145												
820	1,5	1,10 1295	0,90 1585	0,85 1675	0,65 2190	0,60 2375	0,55 2590	0,45 3165	0,40 3565			500	550	4,6	130	
820 Z		0,37 3850	0,32 4455	0,29 4915												
820 ZV		0,25 5700														
1220	1,5	0,70 2035	0,35 4070									550	600	5,8	135	
1220 ZV		0,24 5940	0,21 6785													
815	1,1	1,10 950	0,90 1160	0,85 1230	0,65 1610	0,60 1740	0,55 1900	0,45 2320	0,40 2615			500	550	3,3	130	
815 Z		0,37 2825	0,32 3265	0,29 3605	0,25 4180											
1215	1,1	0,70 1495	0,35 2985									500	550	5,9	130	
1215 Z		0,24 4355														
1215 ZV		0,19 5500	0,16 6530													

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 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 100 mm.

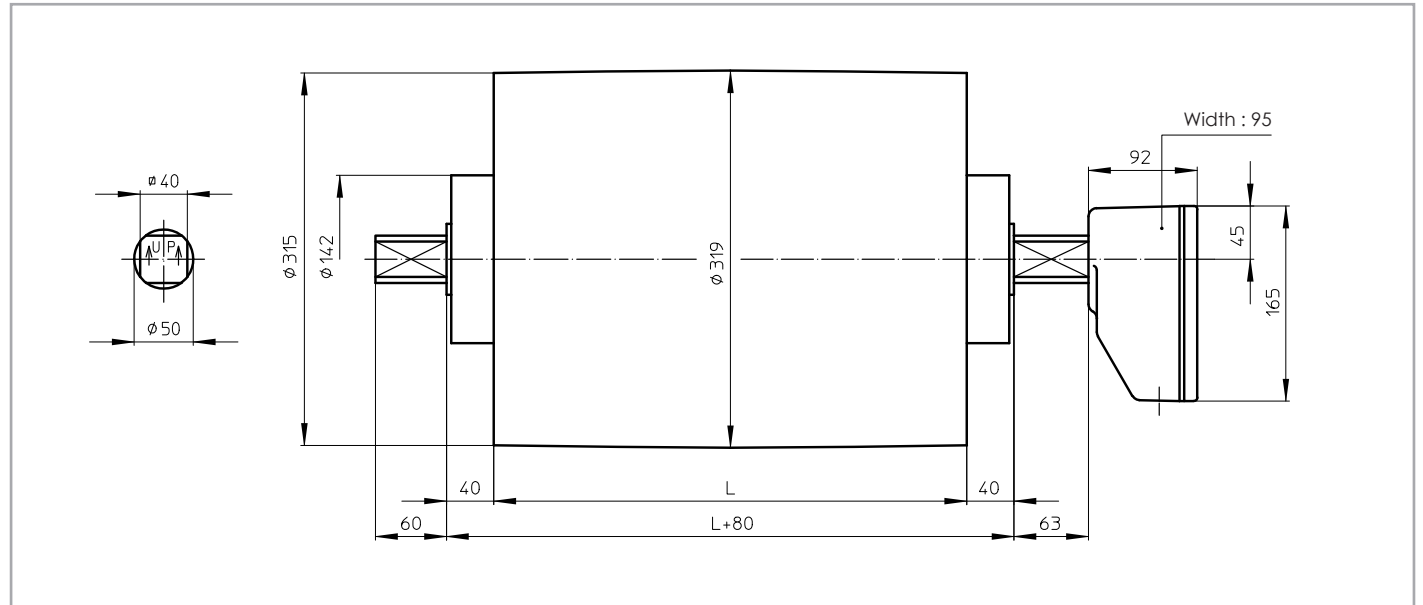
The total weight of a drummotor grows approx. 7 kg. per 100 mm.

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

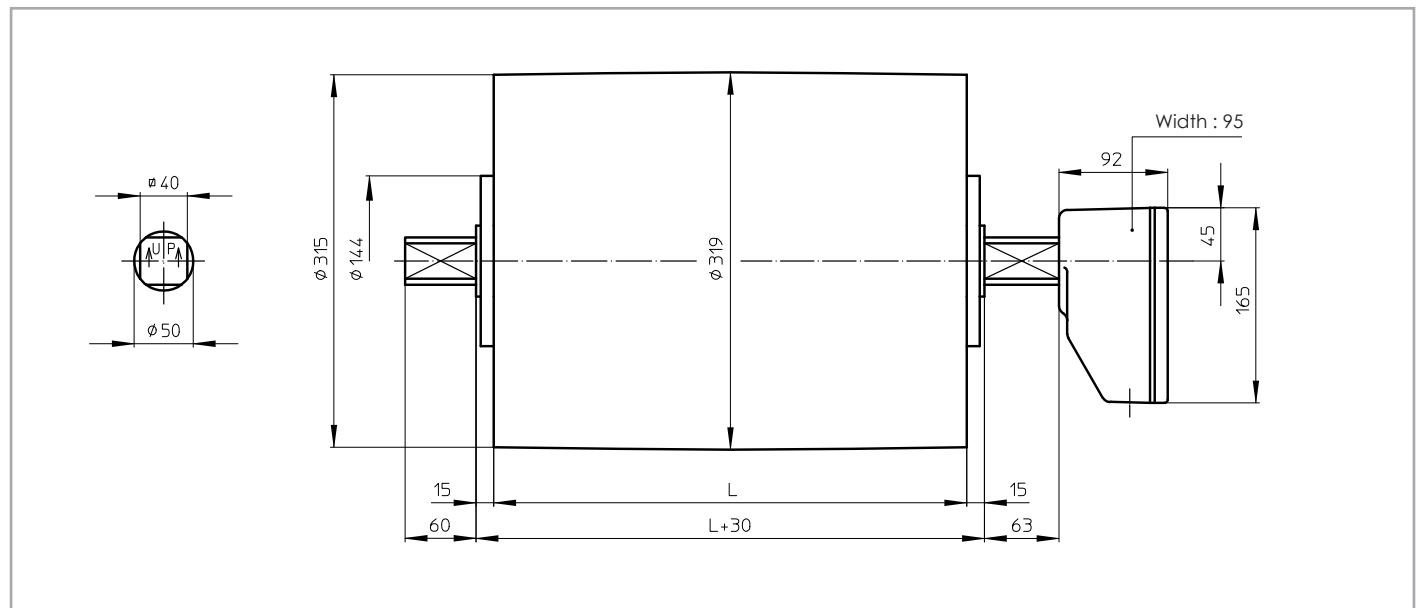
We reserve the right to technical specification changes.



TM 315A50, mildsteel drummotor with cast iron junction box

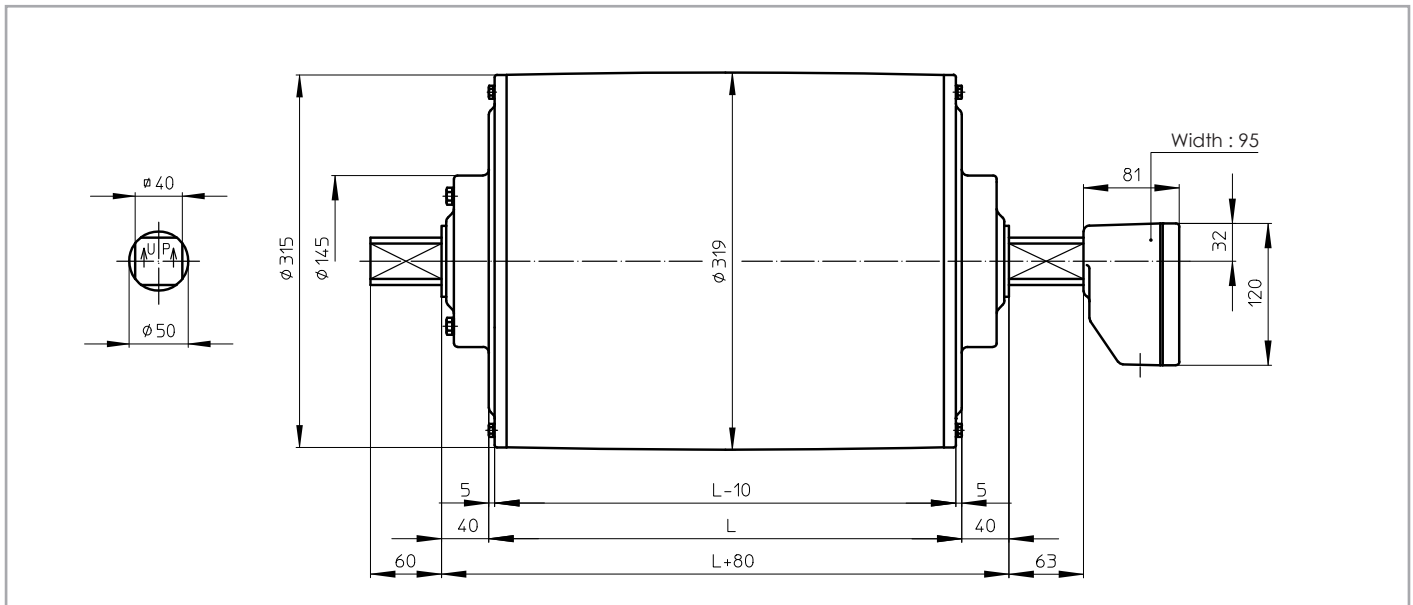


TM 315B50, mildsteel drummotor with cast iron junction box



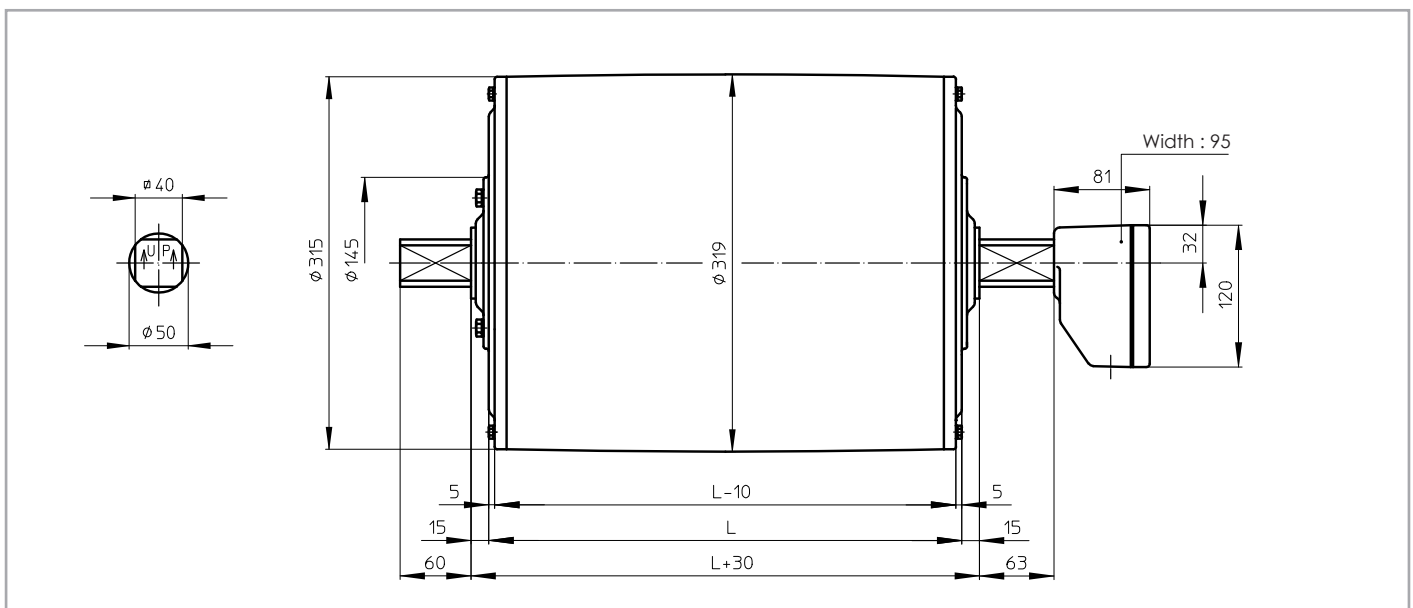
TM 315A50 CR (RVS)

TM 315A50 CR, stainless steel drummotor with polyamide junction box and CR sealing



TM 315B50 CR (RVS)

TM 315B50 CR, stainless steel drummotor with polyamide junction box and CR sealing

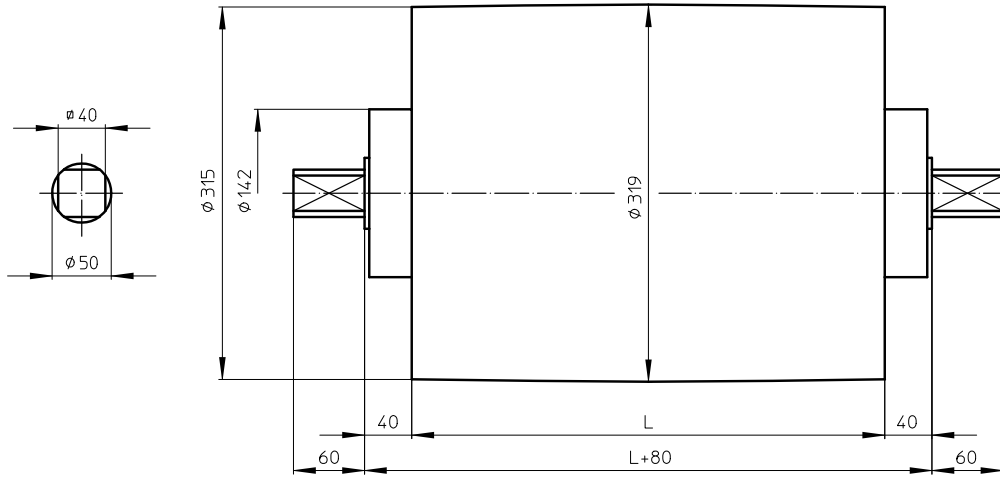




Dimensions taildrums

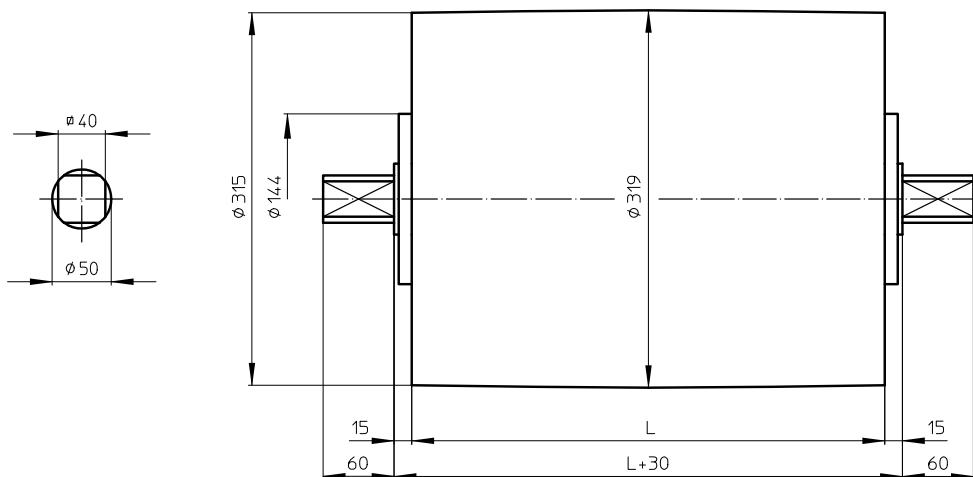
KT 315A50

KT 315A50, mildsteel taildrum



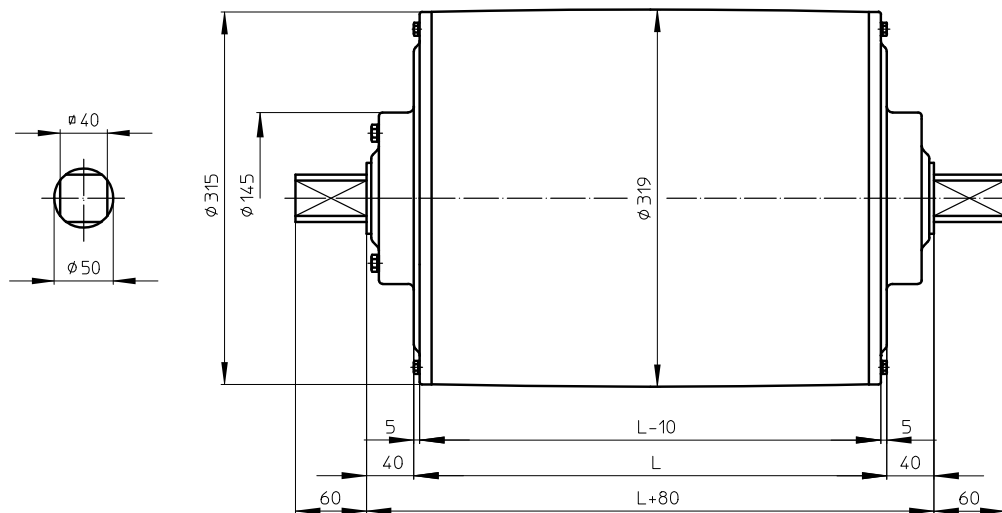
KT 315B50

KT 315B50, mildsteel taildrum



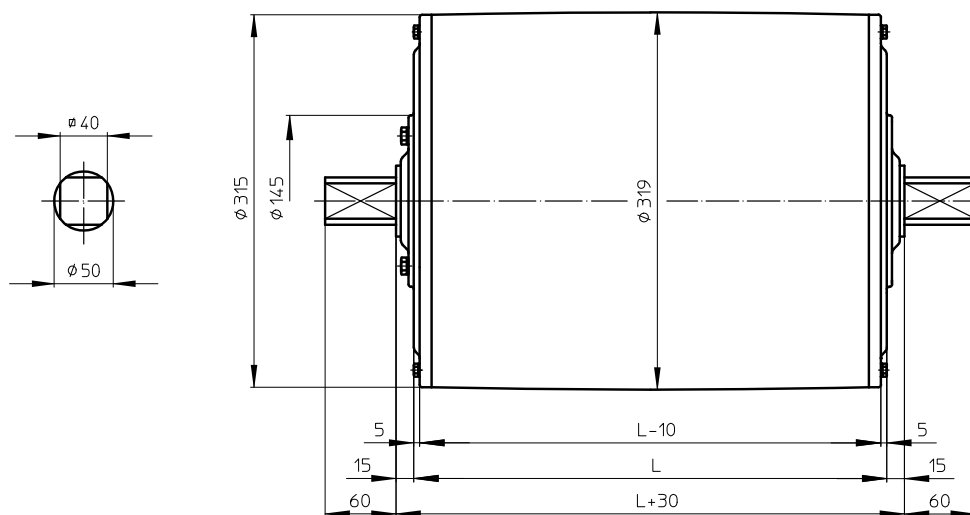
KT 315A50 CR (RVS)

KT 315A50 CR, stainless steel taildrum with CR sealing



KT 315B50 CR (RVS)

KT 315B50 CR, stainless steel taildrum with CR sealing





Cable exit

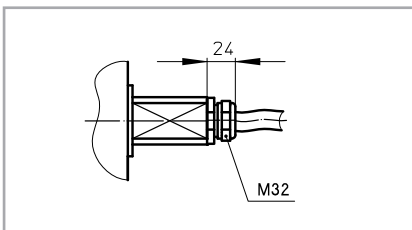
Standard execution of a TM 315-50 is with a cast iron terminal box. For stainless steel execution, this can be either a polyamide or stainless steel terminal box.

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.

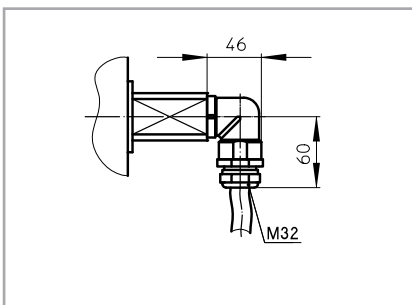
Option 1

Straight cable exit with cable gland



Option 3

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

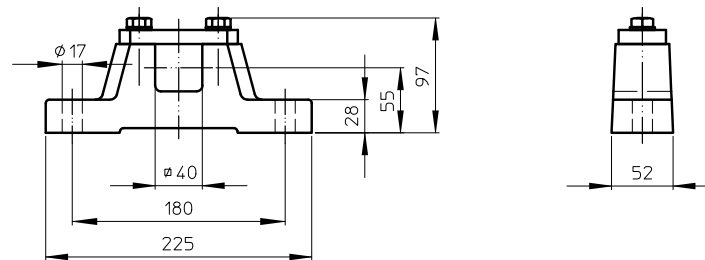




Bracket drawings

AB 50

AB 50, kcast iron or 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

