

10

BG-series helical-geared motors - Dimensions

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Energy Efficient Geared Motors

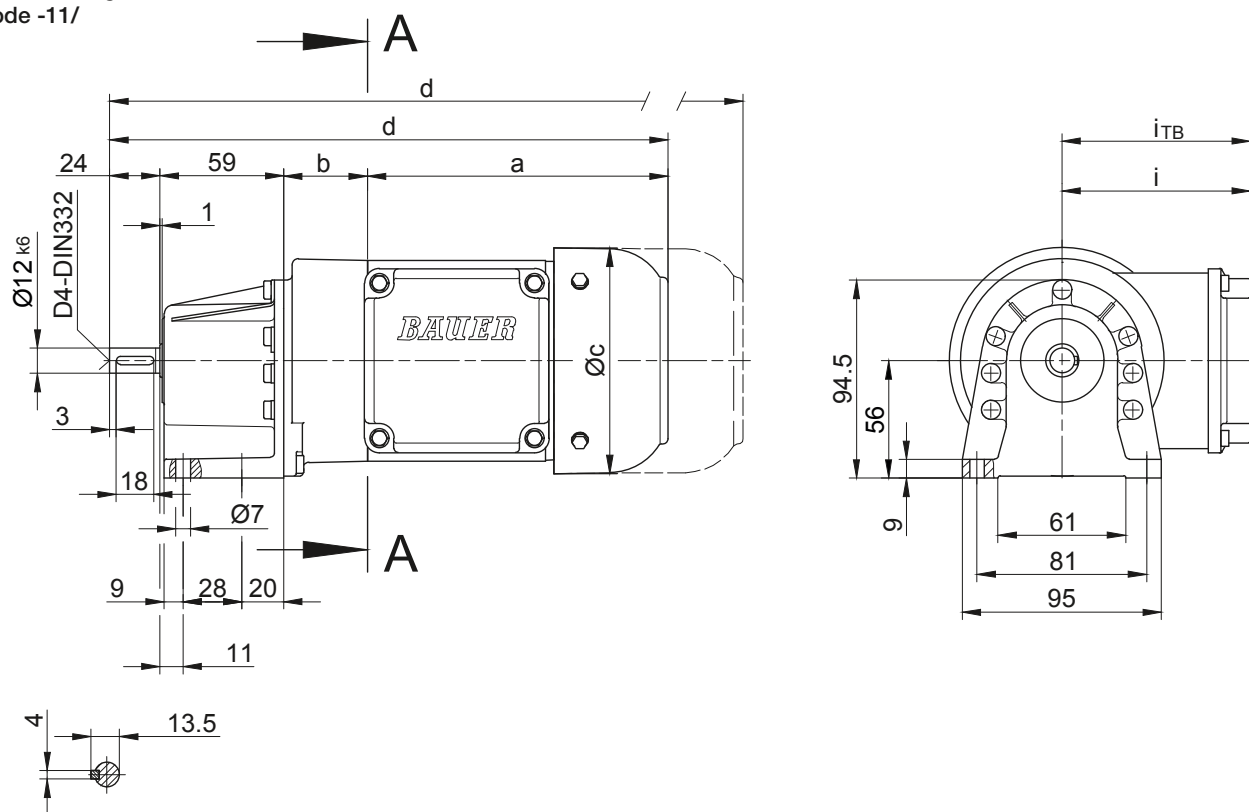
AC Line Operated

10

BG04

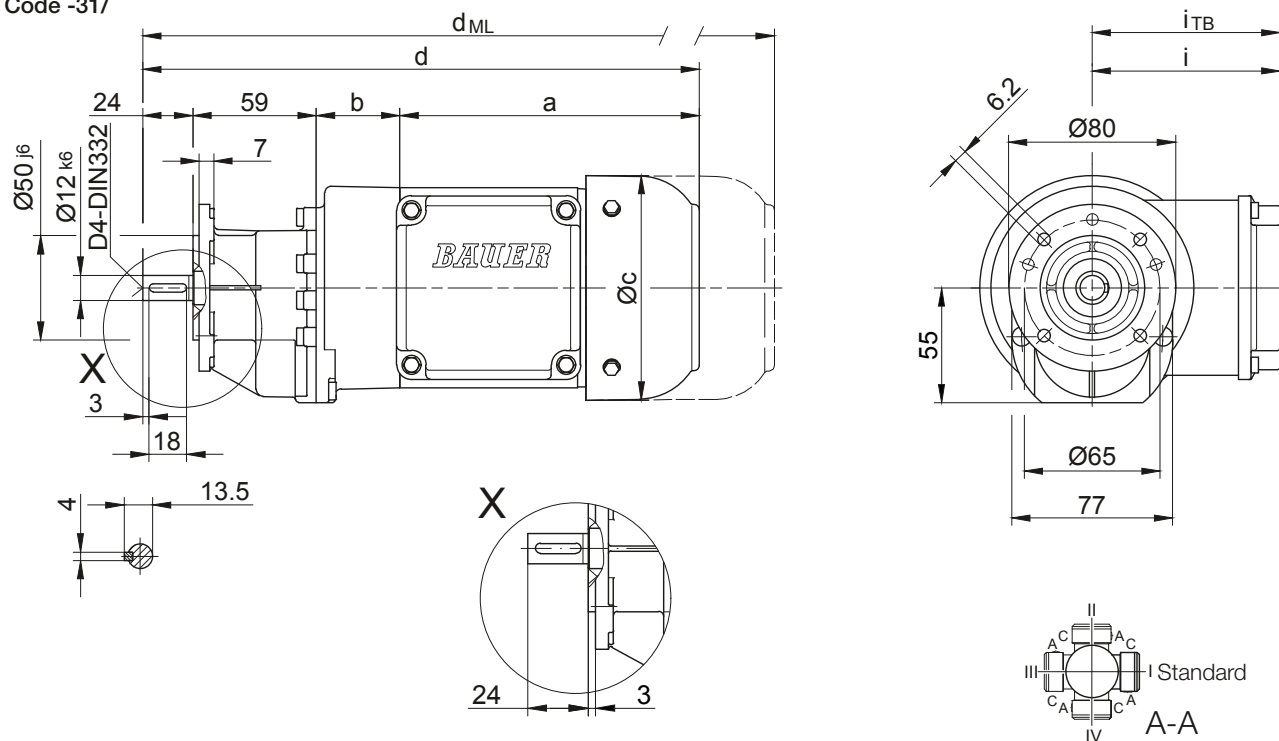
Foot mounting

Code -11/



Flange with clearance holes

Code -31/



Type	a	b	c	d	i	Design with motor extensions				
						i _{TB}	Brake	Encoder	Brake with Encoder	Back Stop
BG04-.../D04.A.	142.5	40	110.5	265.5	90	112	d _{ML} 309	d _{ML} 353	d _{ML} 396.5	d _{ML} -

Dimensions in millimetres (mm)

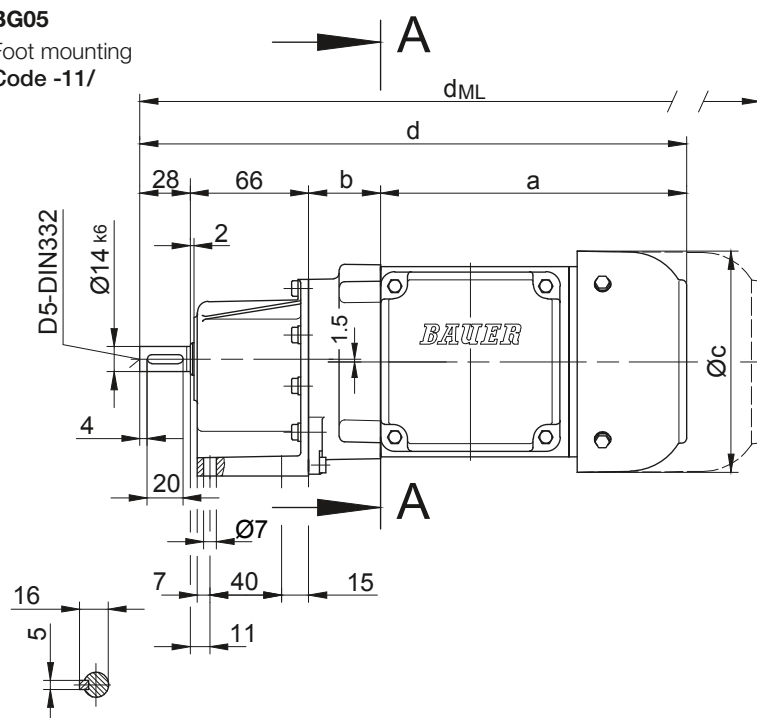
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG-series helical-geared motors

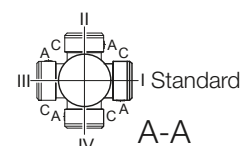
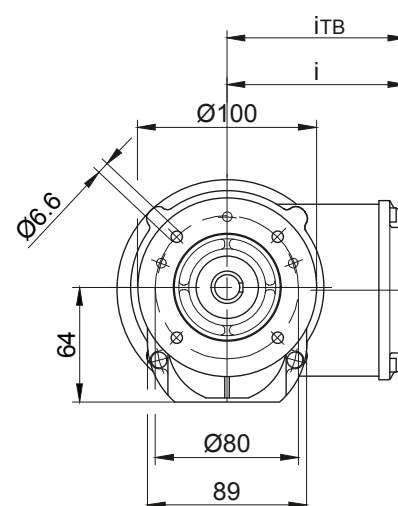
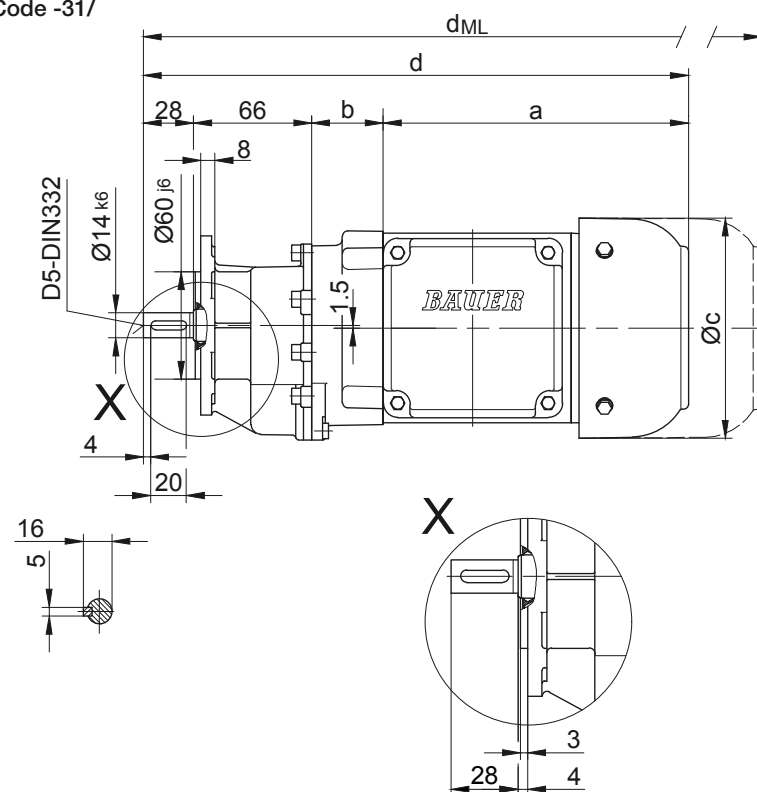
Dimension - Standard

BG05

Foot mounting
Code -11/



Flange with clearance holes
Code -31/



Type	a	b	c	d	i	Design with motor extensions				
						i _{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d _{ML}	d _{ML}	d _{ML}	d _{ML}
BG05-../D04.A.	142.5	38	110.5	274.5	90	112	318	362	405.5	-
BG05-../D..05.A.	170.5	40	123	304.5	101.5	117	346.5	407	444.5	-
BG05-../D..06.A.	170.5	40	123	304.5	101.5	119	346.5	407	444.5	-
BG05-../D..07.A.	190.5	40	123	324.5	101.5	119	366.5	427	464.5	-

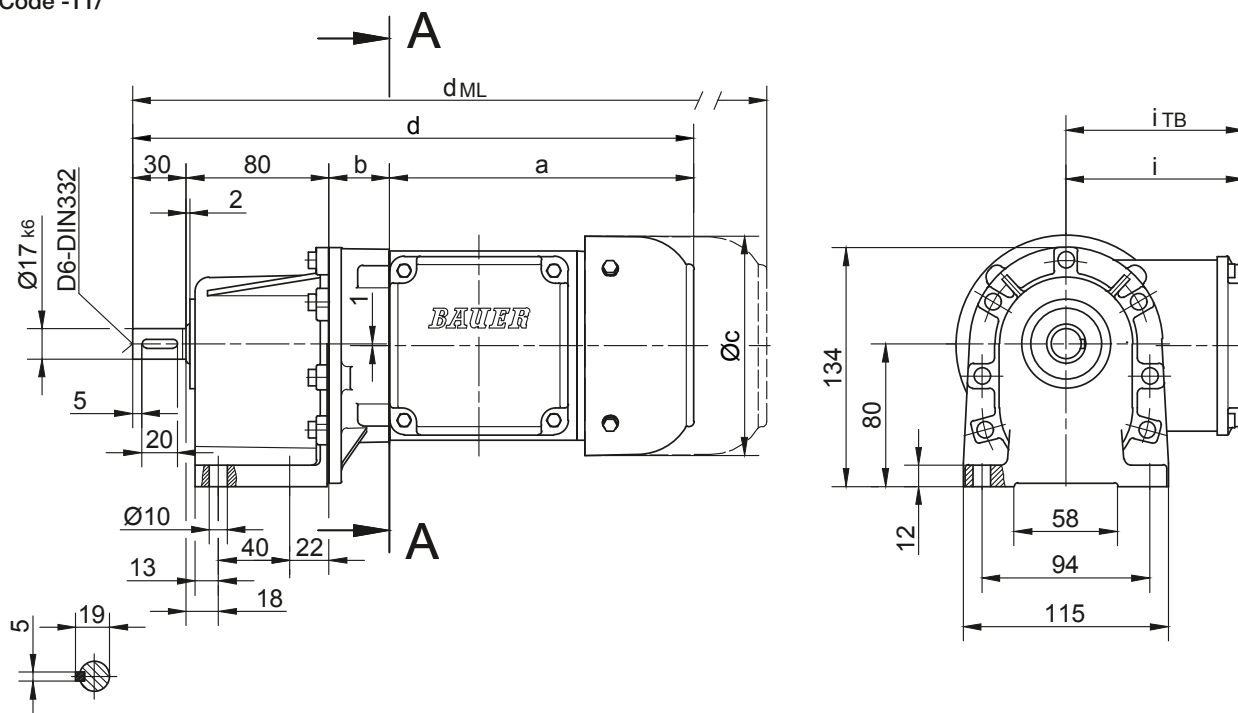
Dimensions in millimetres (mm)

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BG06

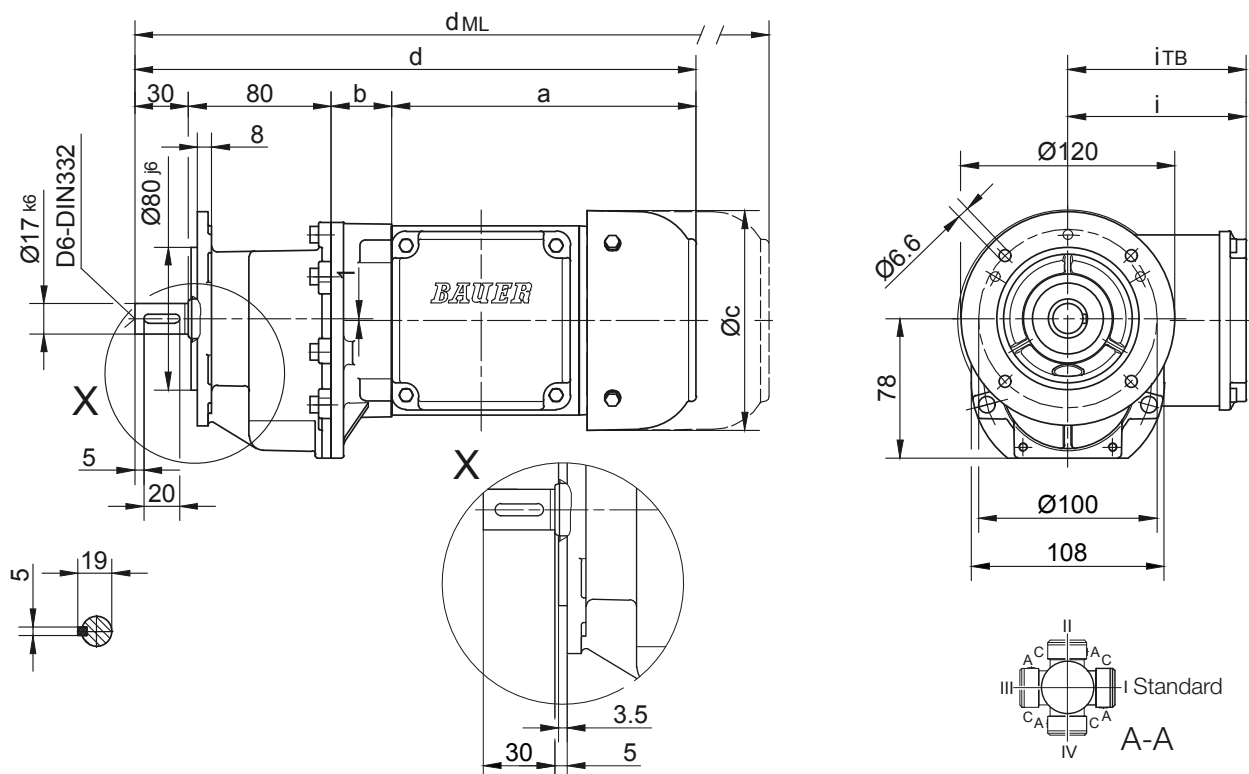
Foot mounting

Code -11/



Flange with clearance holes

Code -31/



Type	a	b	c	d	i	Design with motor extensions				
						i _{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d _{ML}	d _{ML}	d _{ML}	d _{ML}
BG06-../D04.A.	142.5	32	110.5	284.5	90	112	328	372	415.5	-
BG06-../D..05.A.	170.5	34	123	314.5	101.5	117	356.5	417	454.5	-
BG06-../D..06.A.	170.5	34	123	314.5	101.5	119	356.5	417	454.5	-
BG06-../D..07.A.	190.5	34	123	334.5	101.5	119	376.5	437	474.5	-
BG06-../D..08.A.	199.5	78	156	387.5	116	136.5	453.5	499.5	561	453.5
BG06-../D..08.B.	229.5	78	156	417.5	116	136.5	483.5	529.5	590.5	483.5

Dimensions in millimetres (mm)

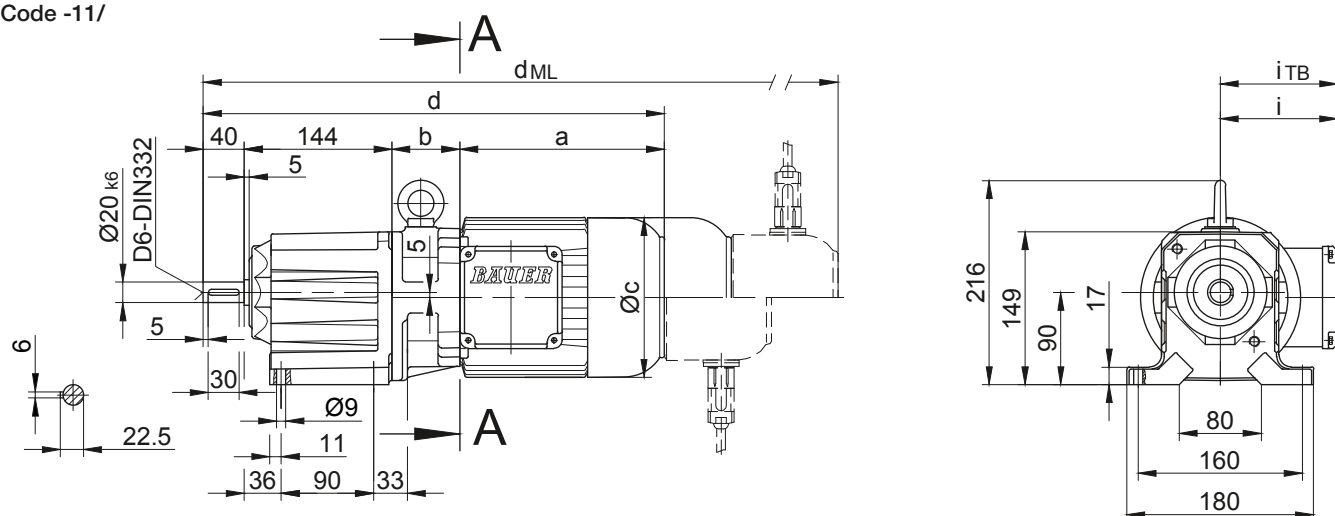
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Dimension - Standard

BG10-BG10Z

Foot mounting with clearance holes

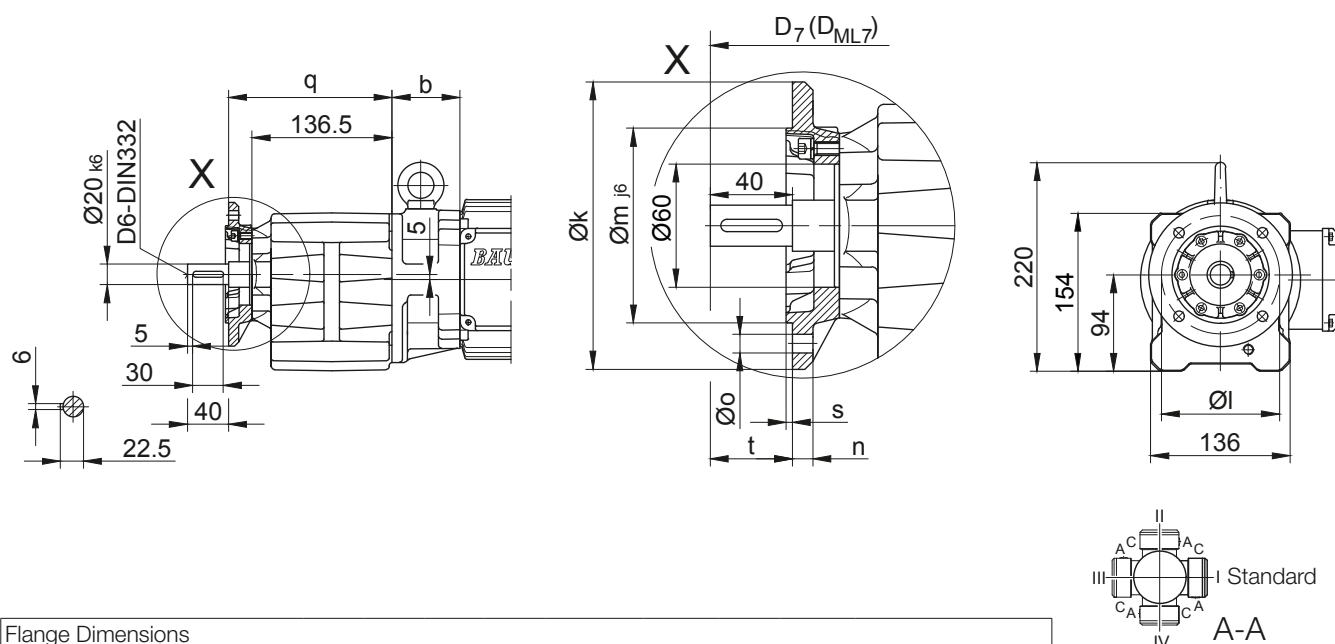
Code -11/



Flange with clearance holes

Code -37/

(Code-27/)



Flange Dimensions

Type	Design	k	l	m	n	o	q	s	t	D ₇	D _{ML7}
BG10..	Code -37V/	140	115	95	10	9	159.5	3	40	d+15.5	d _{ML} +15.5
BG10..	Code -27V/	120	100	80	8	6.6	154.5	3	45	d+15.5	d _{ML} +15.5

Dimensions in millimetres (mm)

Type	a	b	c	d	i	Design with motor extensions				
						i _{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d _{ML}	d _{ML}	d _{ML}	d _{ML}
BG10Z-../D04.A.	142.5	86	110.5	412.5	90	112	456	500	543.5	-
BG10-../D..05.A.	170.5	62	123	416.5	101.5	117	458.5	519	556.5	-
BG10Z-../D..05.A.	170.5	88	123	442.5	101.5	117	484.5	545	582.5	-
BG10-../D..06.A.	170.5	62	123	416.5	101.5	119	458.5	519	556.5	-
BG10Z-../D..06.A.	170.5	88	123	442.5	101.5	119	484.5	545	582.5	-
BG10-../D..07.A.	190.5	62	123	436.5	101.5	119	478.5	539	576.5	-
BG10Z-../D..07.A.	190.5	88	123	462.5	101.5	119	504.5	565	602.5	-
BG10-../D..08.A.	199.5	66	156	449.5	116	136.5	515.5	561.5	623	515.5
BG10Z-../D..08.A.	199.5	132	156	515.5	116	136.5	581.5	627.5	689	581.5
BG10-../D..08.B.	229.5	66	156	479.5	116	136.5	545.5	591.5	652.5	545.5
BG10Z-../D..08.B.	229.5	132	156	545.5	116	136.5	611.5	657.5	718.5	611.5
BG10-../D..09.A.	250.5	80.5	176	515	125.5	157	608	622.5	712	608
BG10-../D..09.B.	308.5	80.5	176	573	125.5	157	666	680	770	666

Dimensions in millimetres (mm)

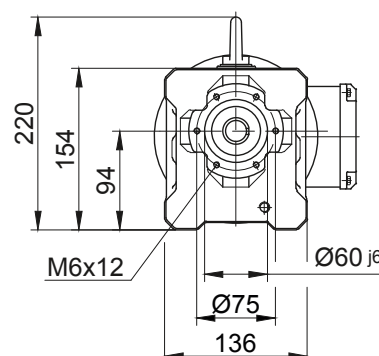
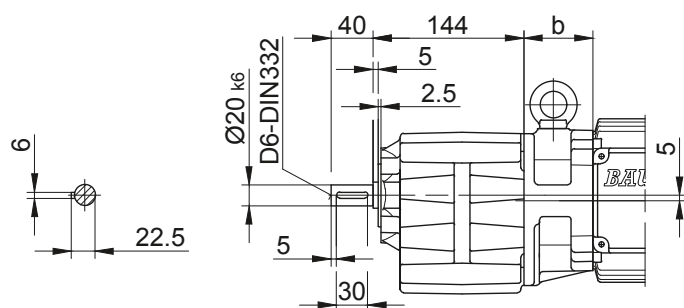
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Dimension - Standard

BG10-BG10Z

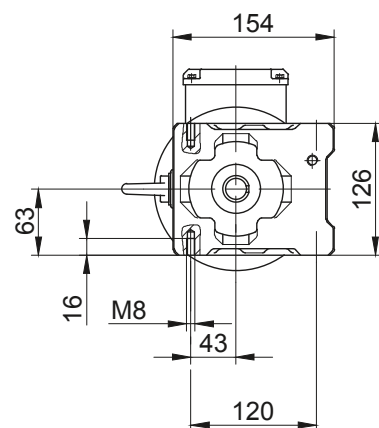
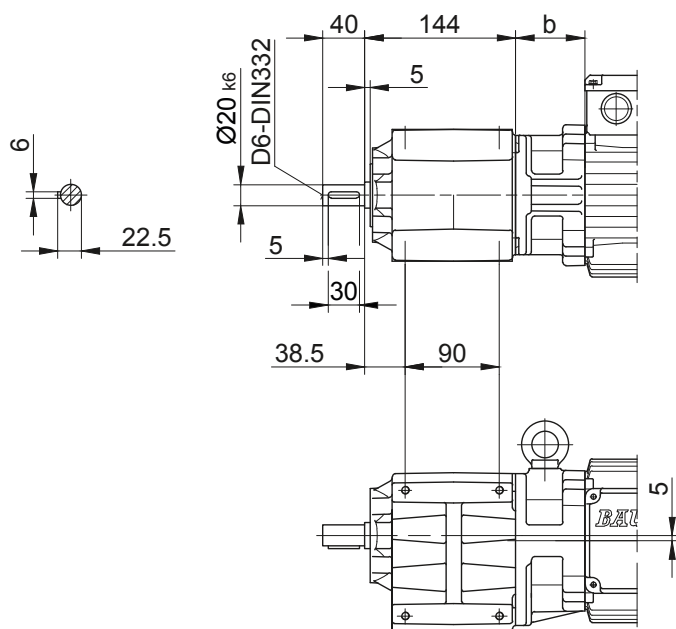
Flange with clearance holes

Code -71/



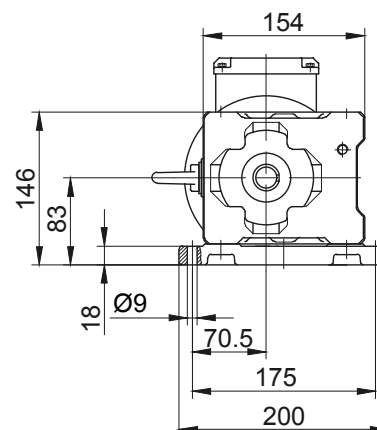
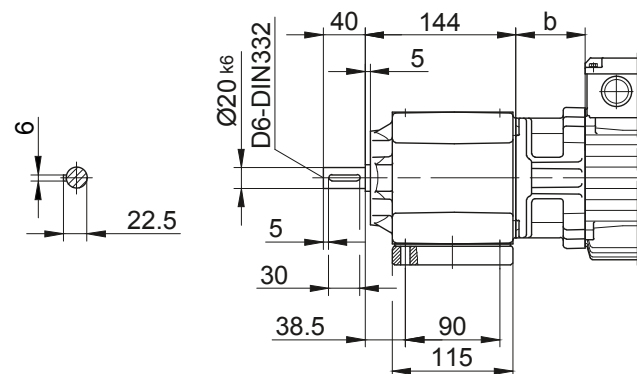
Foot with tapped holes left and right

Code -61LR/



Foot plate left

Code -91L/



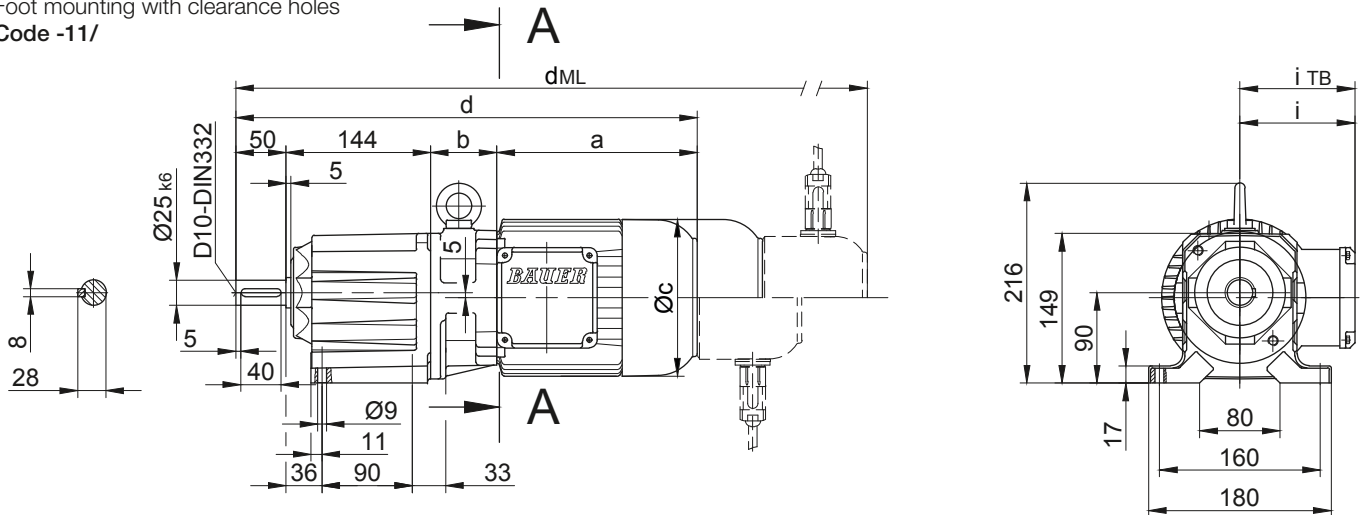
BG-series helical-geared motors

Dimension - Standard

BG10X-BG10XZ

Foot mounting with clearance holes

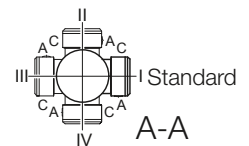
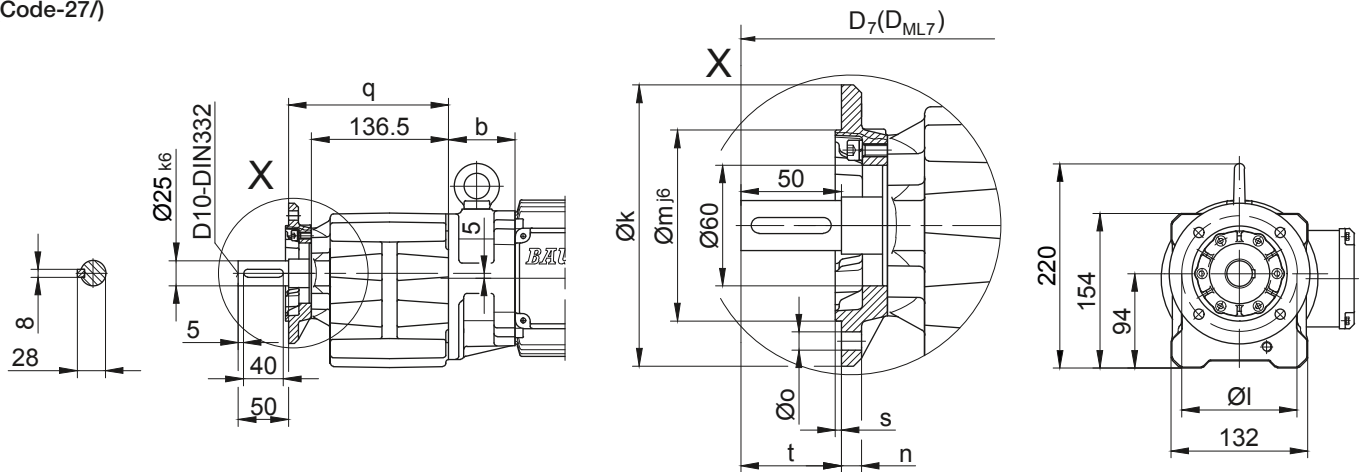
Code -11/



Flange with clearance holes

Code -37/

(Code-27/)



Flange Dimensions

Type	Design	k	l	m	n	o	q	s	t	D ₇	D _{ML7}
BG10X..	Code -37V/	140	115	95	10	9	159.5	3	50	d+15.5	d _{ML} +15.5
BG10X..	Code -27V/	120	100	80	8	6.6	154.5	3	55	d+15.5	d _{ML} +15.5

Dimensions in millimetres (mm)

Type	a	b	c	d	i	Design with motor extensions				
						i _{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d _{ML}	d _{ML}	d _{ML}	d _{ML}
BG10XZ-../D04.A.	142.5	86	110.5	422.5	90	112	466	510	553.5	-
BG10X-../D..05.A.	170.5	62	123	426.5	101.5	117	468.5	529	566.5	-
BG10XZ-../D..05.A.	170.5	88	123	452.5	101.5	117	494.5	555	592.5	-
BG10X-../D..06.A.	170.5	62	123	426.5	101.5	119	468.5	529	566.5	-
BG10XZ-../D..06.A.	170.5	88	123	452.5	101.5	119	494.5	555	592.5	-
BG10X-../D..07.A.	190.5	62	123	446.5	101.5	119	488.5	549	586.5	-
BG10XZ-../D..07.A.	190.5	88	123	472.5	101.5	119	514.5	575	612.5	-
BG10X-../D..08.A.	199.5	66	156	459.5	116	136.5	525.5	571.5	633	525.5
BG10XZ-../D..08.A.	199.5	132	156	525.5	116	136.5	591.5	637.5	699	591.5
BG10X-../D..08.B.	229.5	66	156	489.5	116	136.5	555.5	601.5	662.5	555.5
BG10XZ-../D..08.B.	229.5	132	156	555.5	116	136.5	621.5	667.5	728.5	621.5
BG10X-../D..09.A.	250.5	80.5	176	525	125.5	157	618	632.5	722	618
BG10XZ-../D..09.B.	308.5	80.5	176	583	125.5	157	676	690	780	676

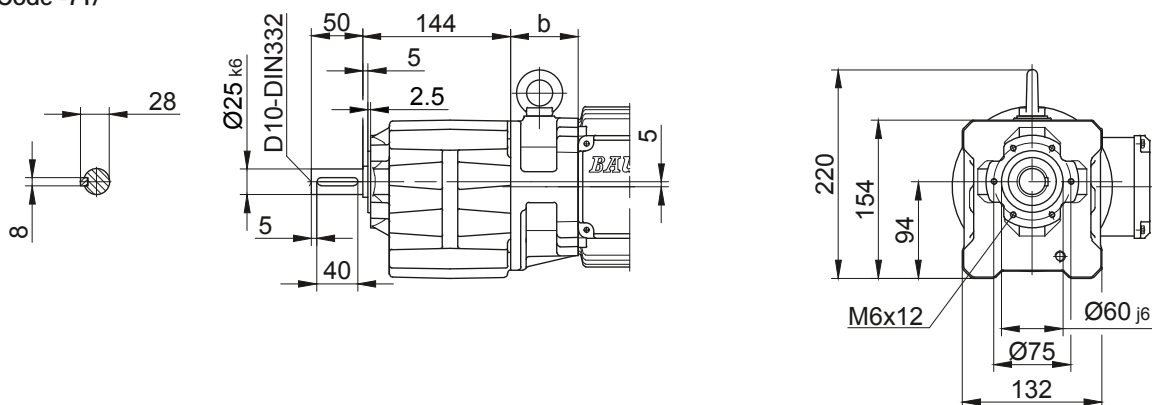
Dimensions in millimetres (mm)

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG10X-BG10XZ

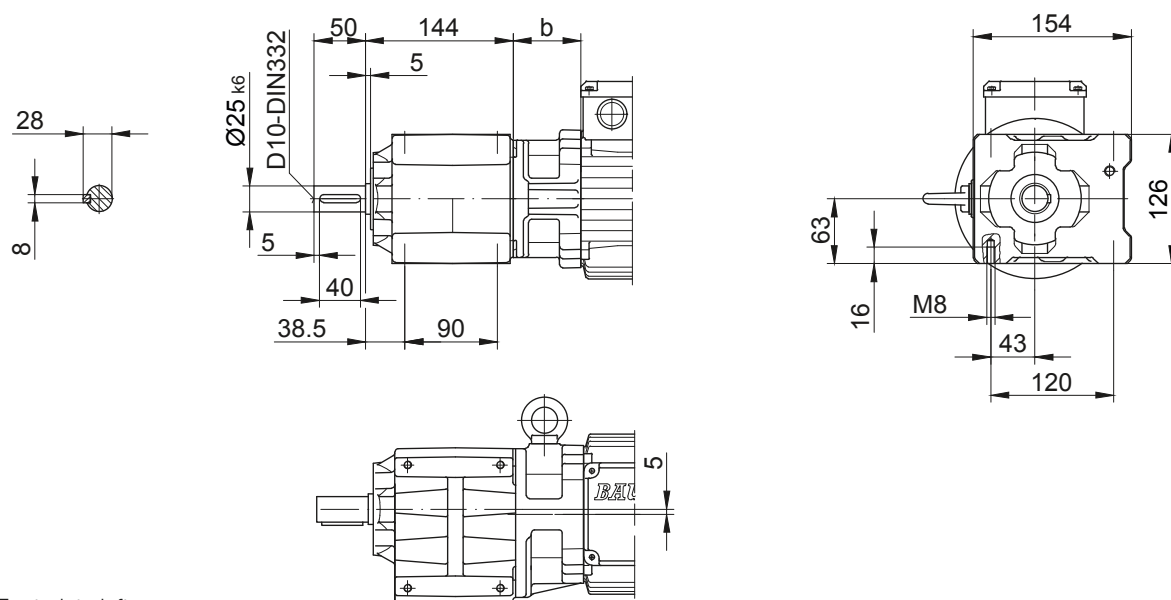
Flange with clearance holes

Code -71/



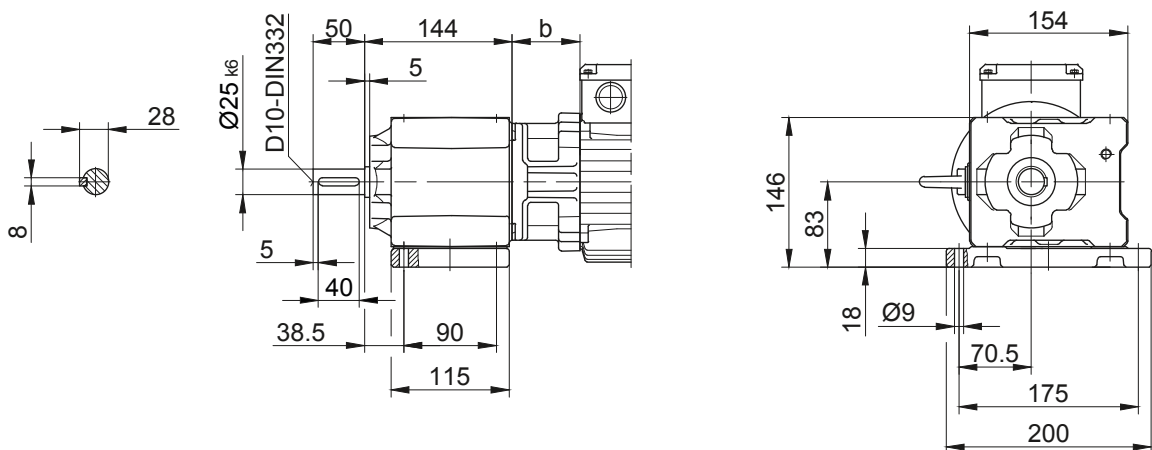
Foot with tapped holes left and right

Code -61LR/



Foot plate left

Code -91L/



Energy Efficient Geared Motors

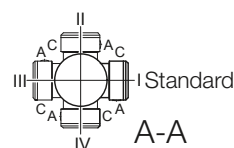
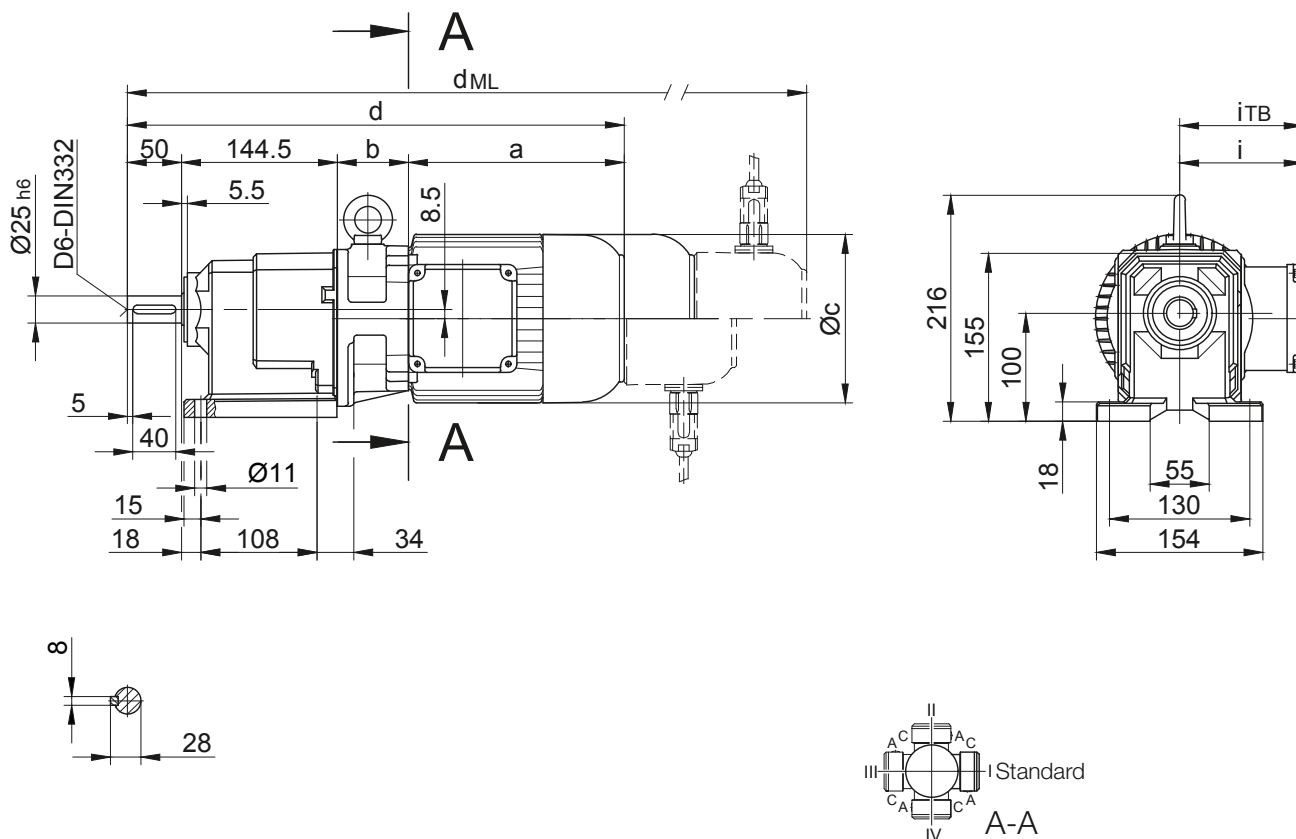
AC Line Operated

10

BG15

Foot mounting with clearance holes

Code -11/



10

Type	a	b	c	d	i	Design with motor extensions				
						iTB	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG15-../D..05.A.	170.5	62	123	427	101.5	117	442.5	486.5	530	-
BG15-../D..06.A.	170.5	62	123	427	101.5	119	469	529.5	567	-
BG15-../D..07.A.	190.5	62	123	447	101.5	119	489	549.5	587	-
BG15-../D..08.A.	199.5	66	156	460	116	136.5	526	572	633.5	331.5
BG15-../D..08.B.	229.5	66	156	490	116	136.5	556	602	663	556
BG15-../D..09.A.	250.5	80.5	176	525.5	125.5	157	618.5	633	722.5	618.5
BG15-../D..09.B.	308.5	80.5	176	583.5	125.5	157	676.5	690.5	780.5	676.5

Dimensions in millimetres (mm)

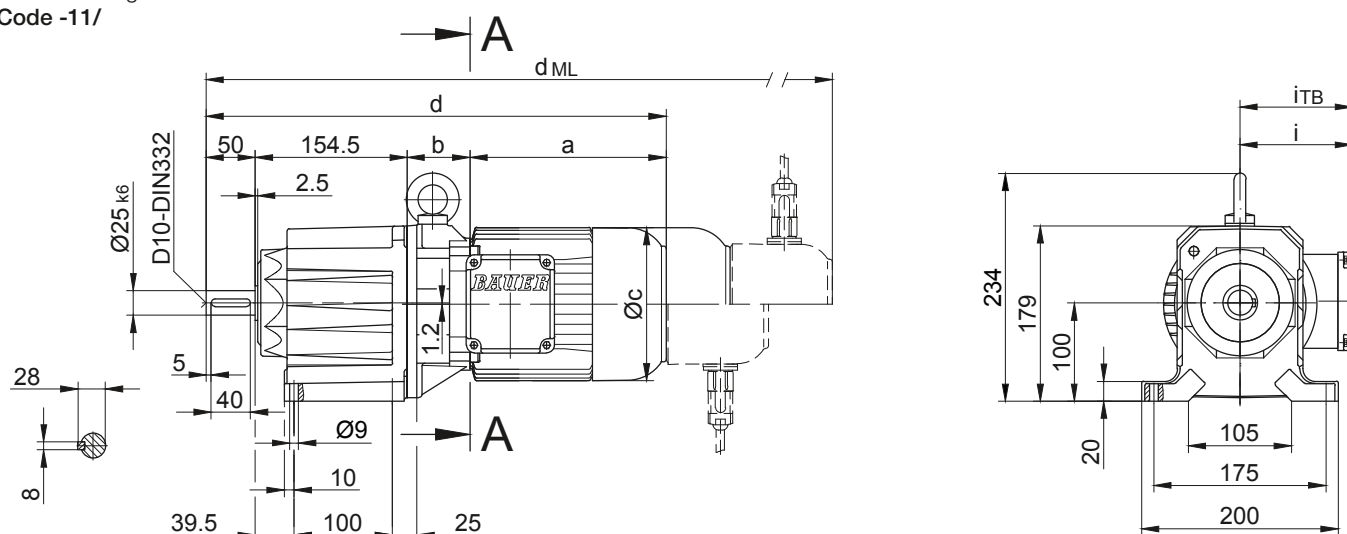
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Dimension - Standard

BG20-BG20Z

Foot mounting with clearance holes

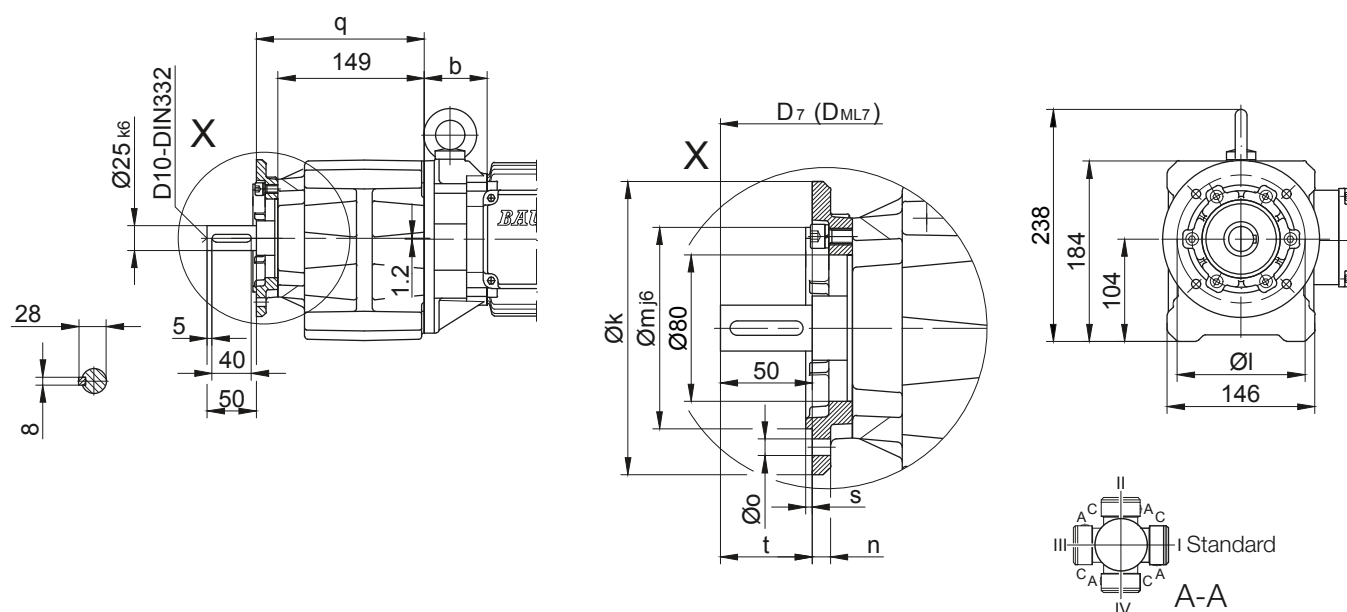
Code -11/



Flange with clearance holes

Code -37/

(Code-47/)



Flange Dimensions

Type	Design	k	l	m	n	o	q	s	t	D ₇	D _{ML7}
BG20..	Code -37V/	160	130	110	10	9	171	3.5	50	d+16.5	d _{ML} +16.5
BG20..	Code -47V/	200	165	130	12	11	178	3.5	43	d+16.5	d _{ML} +16.5

Dimensions in millimetres (mm)

Type	a	b	c	d	i	Design with motor extensions				
						i _{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d _{ML}	d _{ML}	d _{ML}	d _{ML}
BG20Z-../D04.A.	142.5	100	110.5	447	90	112	490.5	534.5	578	-
BG20-../D..05.A.	170.5	60	123	435	101.5	117	477	537.5	575	-
BG20Z-../D..05.A.	170.5	102	123	477	101.5	117	519	579.5	617	-
BG20-../D..06.A.	170.5	60	123	435	101.5	119	477	537.5	575	-
BG20Z-../D..06.A.	170.5	102	123	477	101.5	119	519	579.5	617	-
BG20-../D..07.A.	190.5	60	123	455	101.5	119	497	557.5	595	-
BG20Z-../D..07.A.	190.5	102	123	497	101.5	119	539	599.5	637	-
BG20-../D..08.A.	199.5	64	156	468	116	136.5	534	580	641.5	534
BG20Z-../D..08.A.	199.5	146	156	550	116	136.5	616	662	723.5	616
BG20-../D..08.B.	229.5	64	156	498	116	136.5	564	610	671	564
BG20Z-../D..08.B.	229.5	146	156	580	116	136.5	646	692	753	646
BG20-../D..09.A.	250.5	78.5	176	533.5	125.5	157	626.5	641	730.5	626.5
BG20Z-../D..09.B.	308.5	78.5	176	591.5	125.5	157	684.5	698.5	788.5	684.5

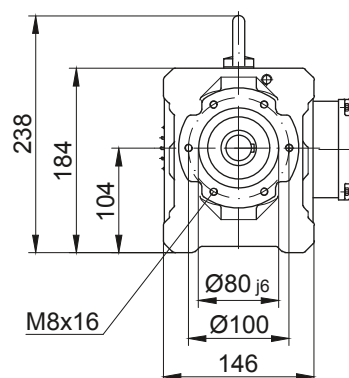
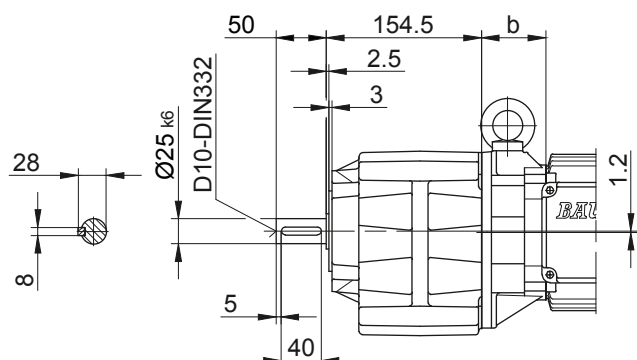
Dimensions in millimetres (mm)

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BG20-BG20Z

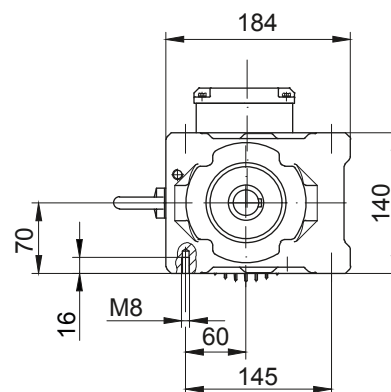
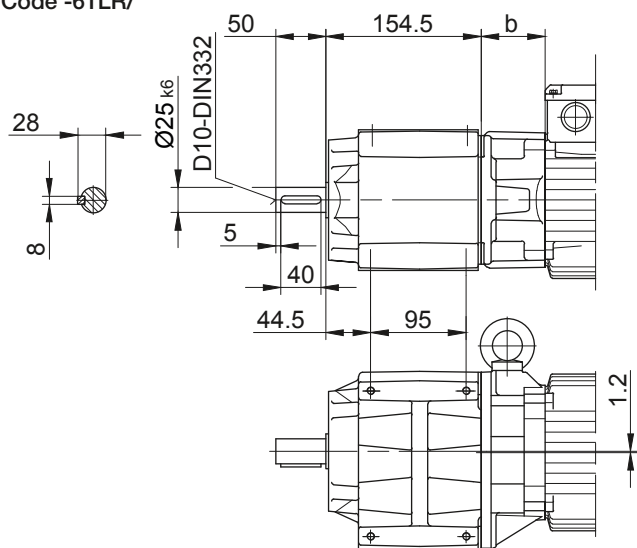
Flange with clearance holes

Code -71/



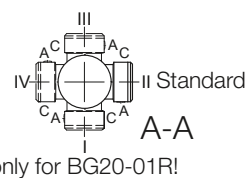
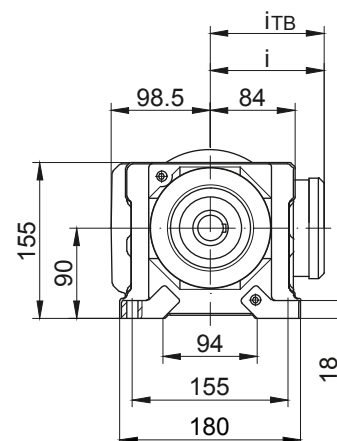
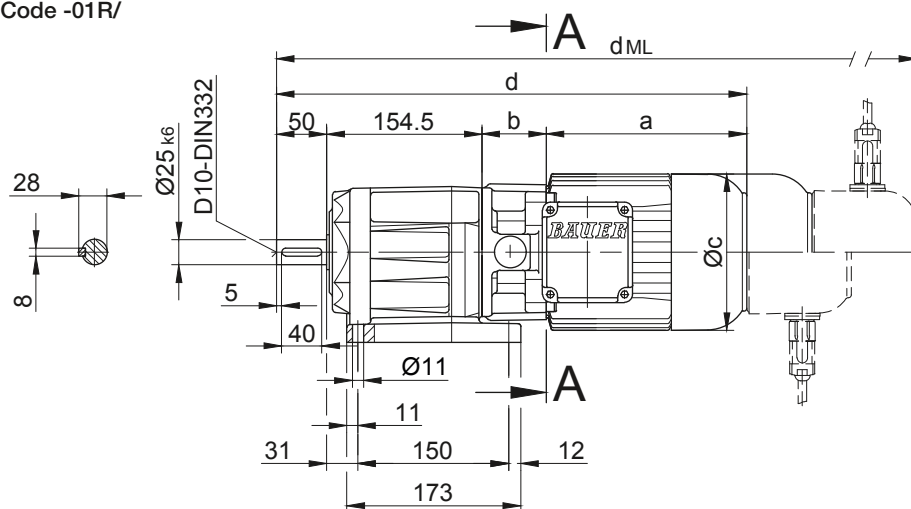
Foot with tapped holes left and right

Code -61LR/



Foot mounting right with clearance holes

Code -01R/

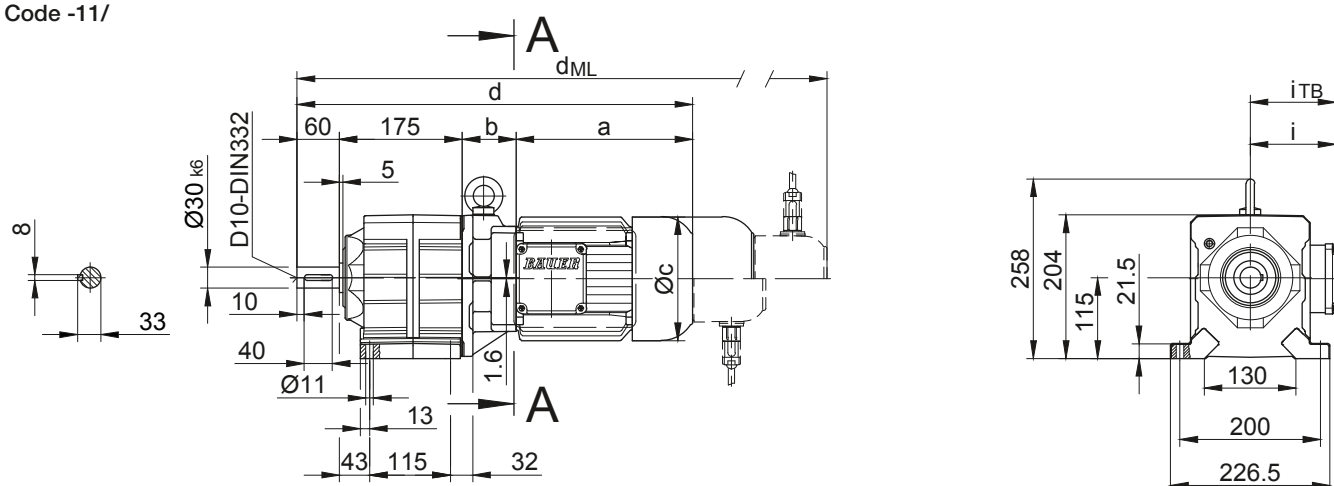


Dimension - Standard

BG30-BG30Z

Foot mounting with clearance holes

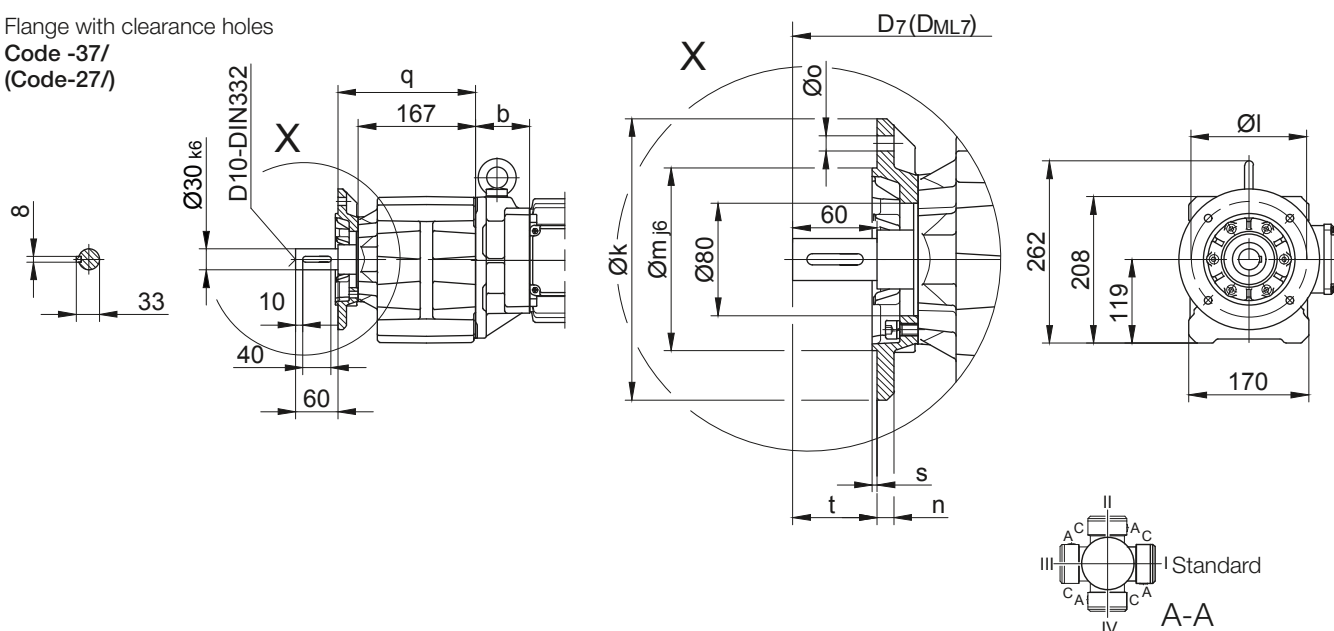
Code -11/



Flange with clearance holes

Code -37/

(Code-27/)



Flange Dimensions

Type	Design	k	l	m	n	o	q	s	t	D ₇	D _{ML7}
BG30..	Code -37/	200	165	130	12	11	196	3.5	60	d+21	d _{ML} +21
BG30..	Code -27/	160	130	110	10	9	189	3.5	67	d+21	d _{ML} +21

Dimensions in millimetres (mm)

Type	a	b	c	d	i	Design with motor extensions				
						i _{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d _{ML}	d _{ML}	d _{ML}	d _{ML}
BG30-../D..05.A.	170.5	58	123	463.5	101.5	117	505.5	566	603.5	-
BG30Z-../D..05.A.	170.5	133.5	123	539	101.5	117	581	641.5	679	-
BG30-../D..06.A.	170.5	58	123	463.5	101.5	119	505.5	566	603.5	-
BG30Z-../D..06.A.	170.5	133.5	123	539	101.5	119	581	641.5	679	-
BG30-../D..07.A.	190.5	58	123	483.5	101.5	119	525.5	586	623.5	-
BG30Z-../D..07.A.	190.5	133.5	123	559	101.5	119	601	661.5	699	-
BG30-../D..08.A.	199.5	62	156	496.5	116	136.5	562.5	608.5	670	562.5
BG30Z-../D..08.A.	199.5	137.5	156	572	116	136.5	638	684	745.5	638
BG30-../D..08.B.	229.5	62	156	526.5	116	136.5	592.5	638.5	699.5	592.5
BG30Z-../D..08.B.	229.5	137.5	156	602	116	136.5	668	714	775	668
BG30-../D..09.A.	250.5	76.5	176	562	125.5	157	655	727	759	655
BG30Z-../D..09.A.	250.5	152	176	637.5	125.5	157	730.5	802.5	834.5	730.5
BG30-../D..09.B.	308.5	76.5	176	620	125.5	157	713	727	817	713
BG30Z-../D..09.B.	308.5	152	176	695.5	125.5	157	788.5	802.5	892.5	788.5
BG30-../D..11.A.	319	83	218	637	165	176	735	744.5	837	735
BG30-../D..11.B.	387	83	218	705	165	176	801	812.5	905	801

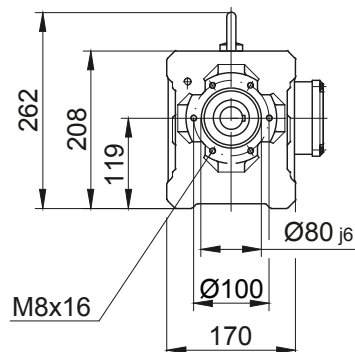
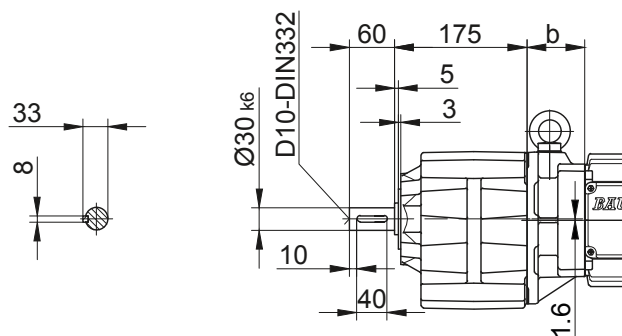
Dimensions in millimetres (mm)

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG30-BG30Z

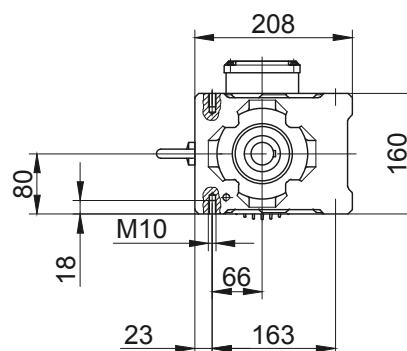
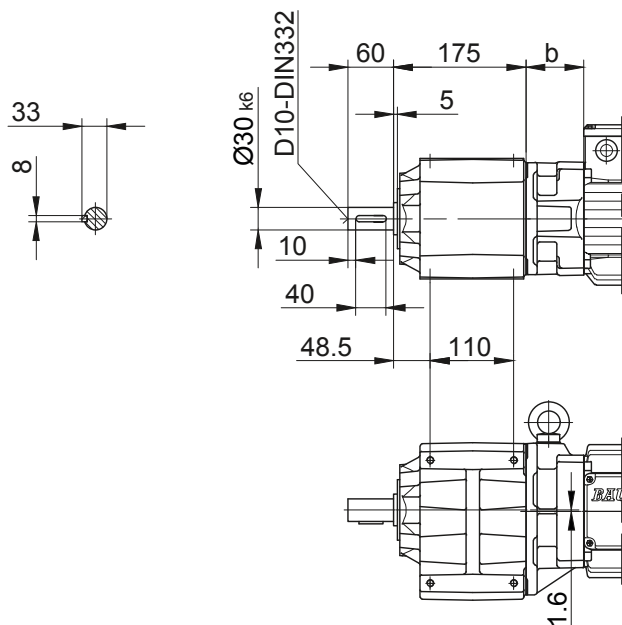
Flange with clearance holes

Code -71/



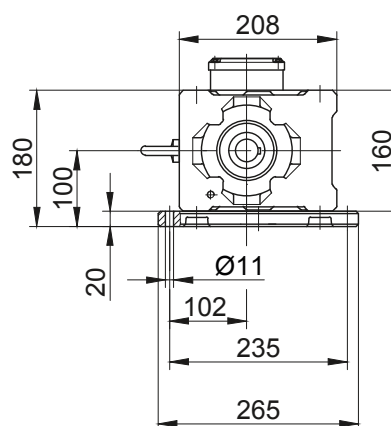
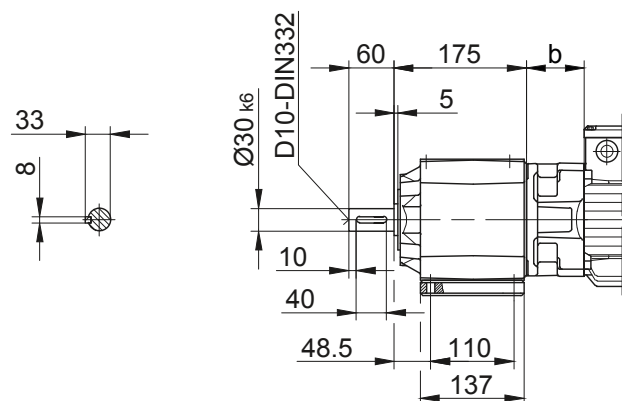
Foot with tapped holes left and right

Code -61LR/



Foot plate left

Code -91L/



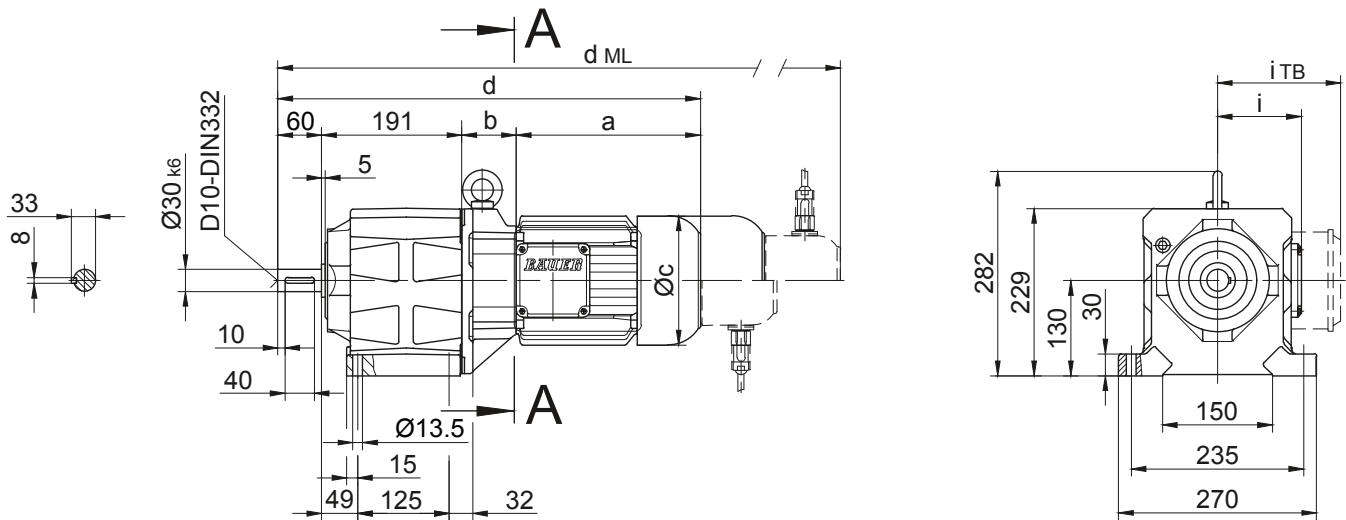
BG-series helical-geared motors

Dimension - Standard

BG40-BG40Z

Foot mounting with clearance holes

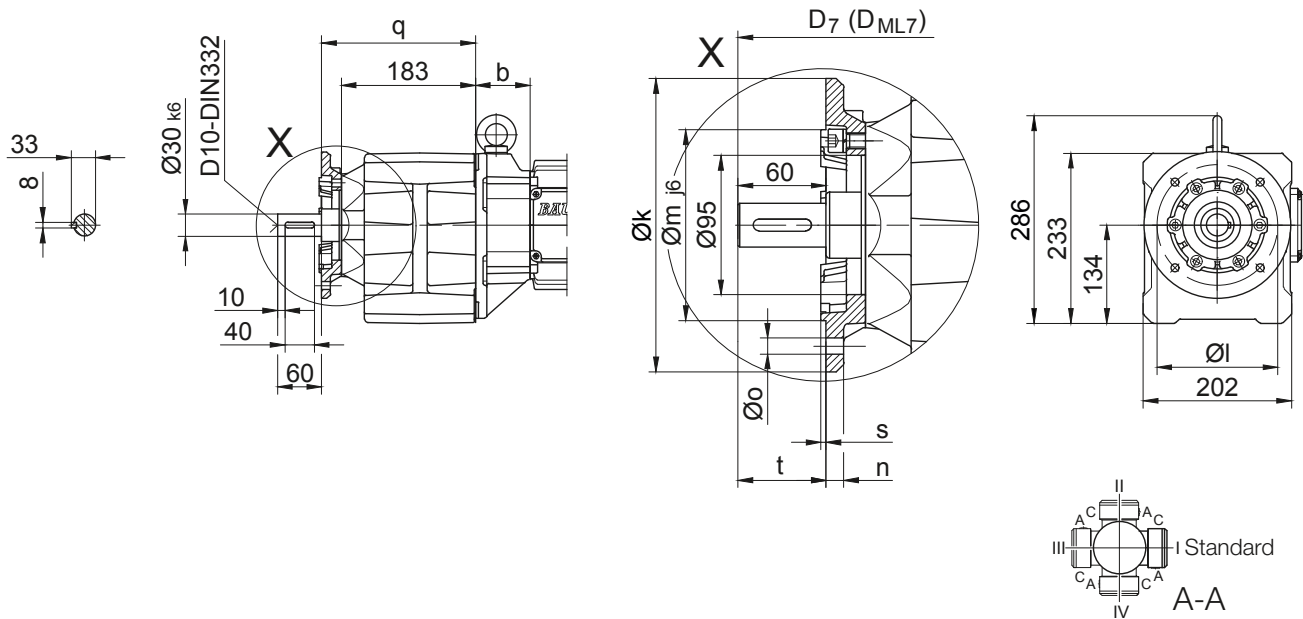
Code -11/



Flange with clearance holes

Code -37/

(Code-47/)



Flange Dimensions

Type	Design	k	l	m	n	o	q	s	t	D ₇	D _{ML7}
BG40..	Code -37/	200	165	130	12	11	210	3.5	60	d+19	d _{ML} +19
BG40..	Code -47/	250	215	180	16	13.5	219	4	51	d+19	d _{ML} +19

Dimensions in millimetres (mm)

Type	a	b	c	d	i	i _{TB}	Design with motor extensions			
							Brake	Encoder	Brake with Encoder	Back Stop
							d _{ML}	d _{ML}	d _{ML}	d _{ML}
BG40Z-../D..05.A.	170.5	138.5	123	560	101.5	117	602	662.5	700	-
BG40Z-../D..06.A.	170.5	138.5	123	560	101.5	119	602	662.5	700	-
BG40Z-../D..07.A.	190.5	138.5	123	580	101.5	119	622	682.5	720	-
BG40-../D..08.A.	199.5	60	156	510.5	116	136.5	576.5	622.5	684	576.5
BG40Z-../D..08.A.	199.5	142.5	156	593	116	136.5	659	705	766.5	659
BG40-../D..08.B.	229.5	60	156	540.5	116	136.5	606.5	652.5	713.5	606.5
BG40Z-../D..08.B.	229.5	142.5	156	623	116	136.5	689	735	796	689
BG40-../D..09.A.	250.5	74.5	176	576	125.5	157	669	683.5	773	669
BG40Z-../D..09.A.	250.5	157	176	658.5	125.5	157	751.5	766	855.5	751.5
BG40-../D..09.B.	308.5	74.5	176	634	125.5	157	727	741	831	727
BG40Z-../D..09.B.	308.5	157	176	716.5	125.5	157	809.5	823.5	913.5	809.5
BG40-../D..11.A.	319	81	218	651	165	176	749	758.5	851	749
BG40-../D..11.B.	387	81	218	719	165	176	815	826.5	919	815

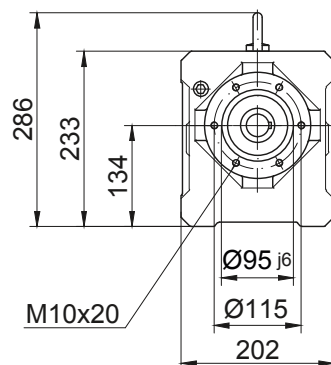
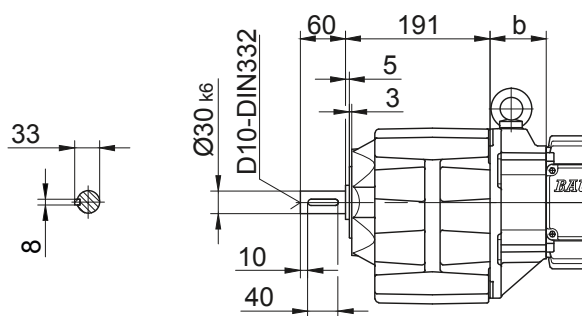
Dimensions in millimetres (mm)

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG40-BG40Z

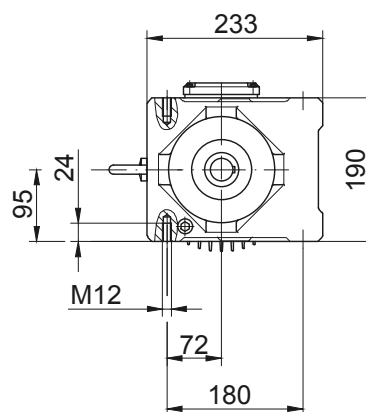
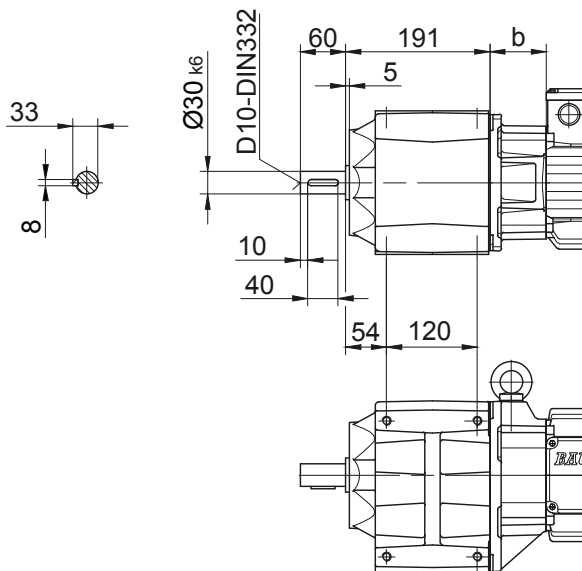
Flange with clearance holes

Code -71/



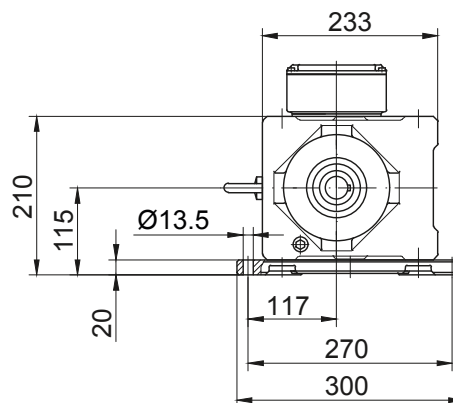
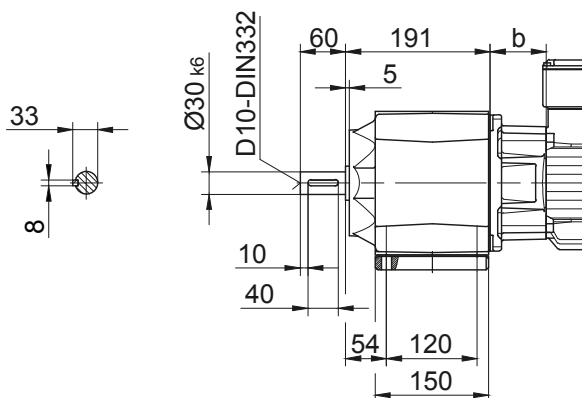
Foot with tapped holes left and right

Code -61LR/



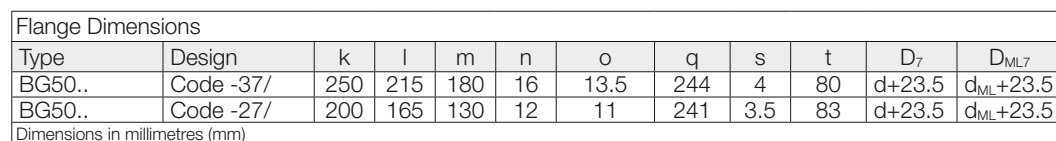
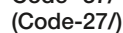
Foot plate left

Code -91L/



Dimension - Standard

Code -11/



Dimensions in millimetres (mm)

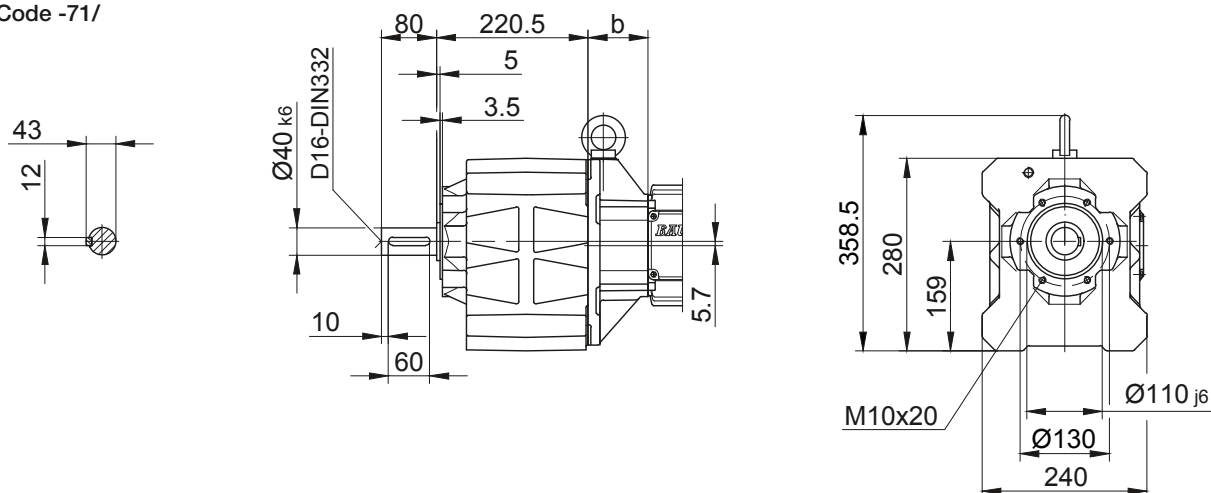
Dimensions in millimetres (mm)

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG50-BG50Z

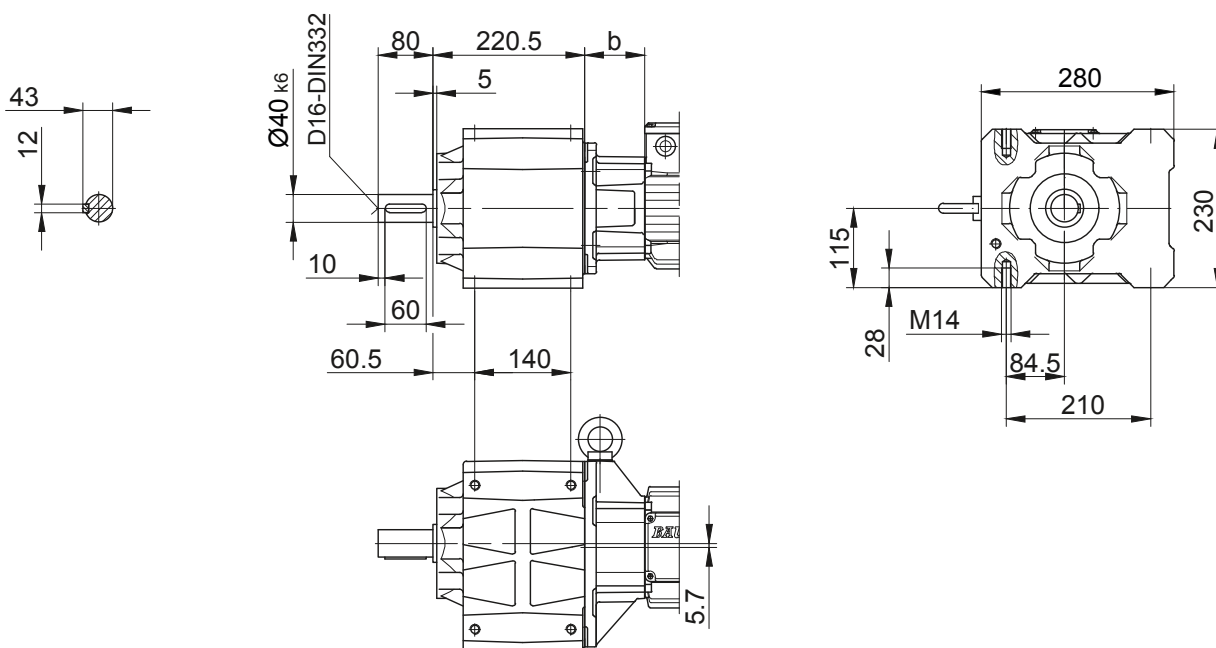
Flange with clearance holes

Code -71/



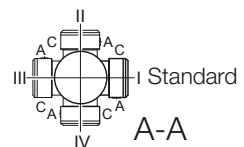
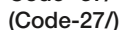
Foot with tapped holes left and right

Code -61LR/



Dimension - Standard

Code -11/



Dimensions in millimetres (mm)

Dimensions in millimetres (mm)

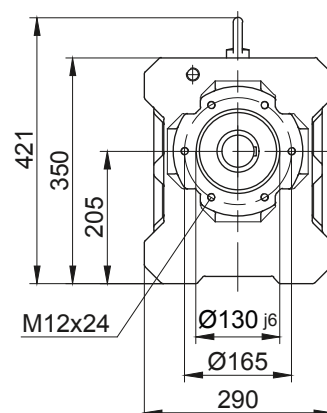
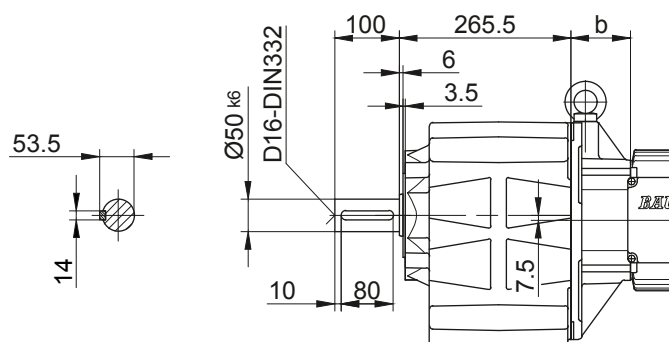
P-7112-BGM-EN-A4 05/24

Dimension - Standard

BG60-BG60Z

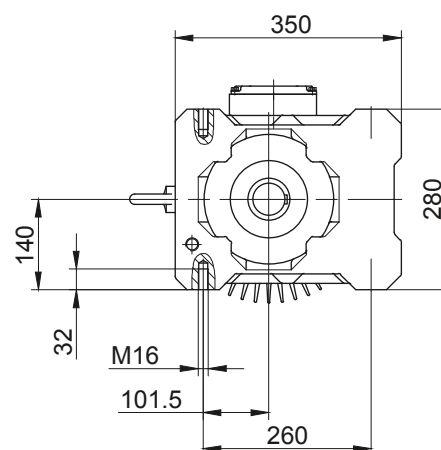
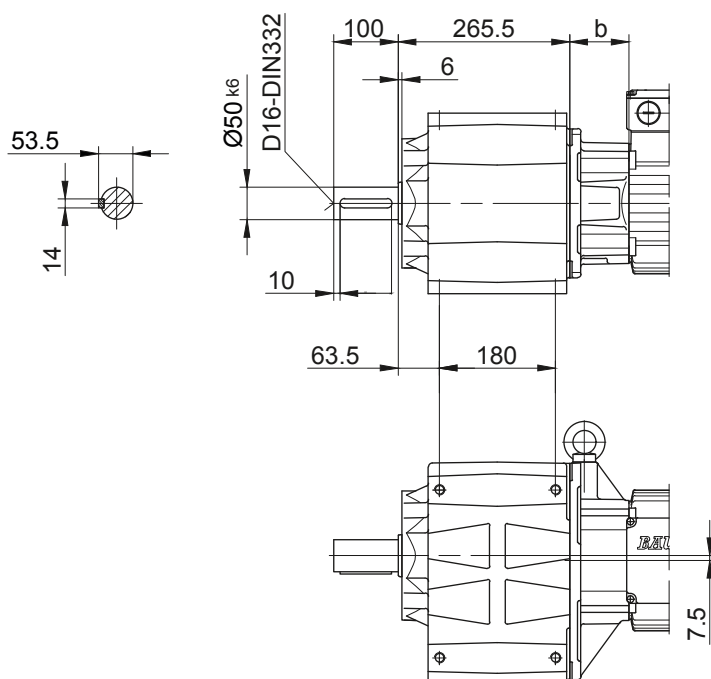
Flange with clearance holes

Code -71/



Foot with tapped holes left and right

Code -61LR/



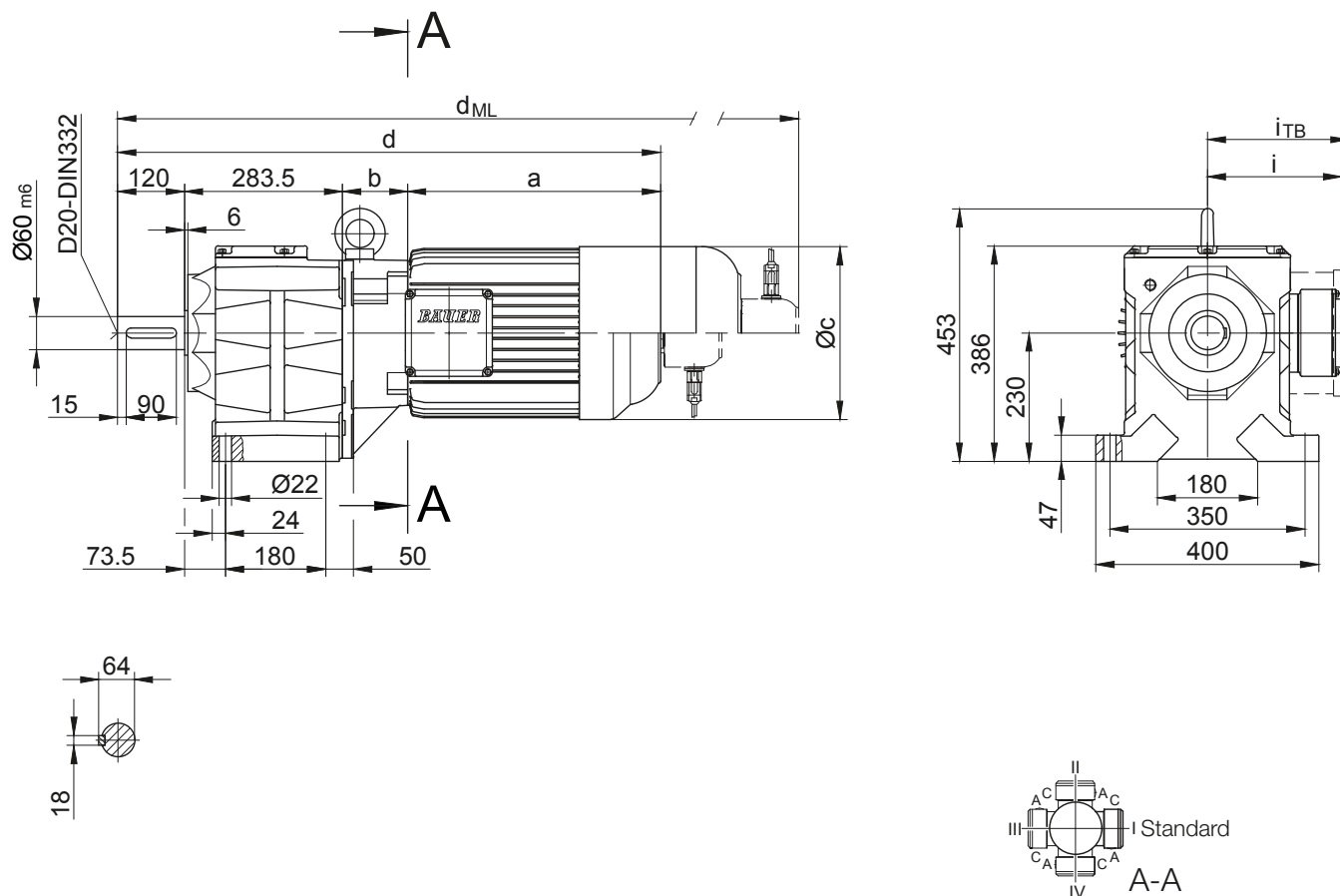
BG-series helical-geared motors

Dimension - Standard

BG70-BG70Z

Foot mounting with clearance holes

Code -11/



Type	a	b	c	d	i	Design with motor extensions				
						i _{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d _{ML}	d _{ML}	d _{ML}	d _{ML}
BG70Z-../D..08.A.	199.5	202	156	805	116	136.5	871	917	978.5	871
BG70Z-../D..08.B.	229.5	202	156	835	116	136.5	901	947	1008	901
BG70-../D..09.A.	250.5	83.5	176	737.5	125.5	157	830.5	845	934.5	830.5
BG70Z-../D..09.A.	250.5	216.5	176	870.5	125.5	157	963.5	978	1067.5	963.5
BG70-../D..09.B.	308.5	83.5	176	795.5	125.5	157	888.5	902.5	992.5	888.5
BG70Z-../D..09.B.	308.5	216.5	176	928.5	125.5	157	1021.5	1035.5	1125.5	1021.5
BG70-../D..11.A.	319	90	218	812.5	165	176	910.5	920	1012.5	910.5
BG70Z-../D..11.A.	319	223	218	945.5	165	176	1043.5	1053	1145.5	1043.5
BG70-../D..11.B.	387	90	218	880.5	165	176	976.5	988	1080.5	976.5
BG70Z-../D..11.B.	387	223	218	1013.5	165	176	1109.5	1121	1213.5	1109.5
BG70-../D..13.A.	393	103	258	899.5	217	217	1010.5	1006.5	1111.5	1007.5
BG70Z-../D..13.A.	393	236	258	1032.5	217	217	1143.5	1139.5	1244.5	1140.5
BG70-../D..16.B.	454.5	117	310	975	243	243	1118.5	1082	1222	1118.5
BG70Z-../D..16.B.	454.5	250	310	1108	243	243	1251.5	653.5	1355	1251.5
BG70-../D..18.B.	542	139	348	1084.5	288	288	1234	1190	1337.5	1234
BG70Z-../D..18.B.	542	272	348	1217.5	288	288	1367	1323	1470.5	1367
BG70-../D..20.A.	703.5	156	363	1263	280	280	1390.5	1368.5	1496	1263
BG70-../D..22.A.	703.5	156	363	1263	280	280	1390.5	1368.5	1496	1263

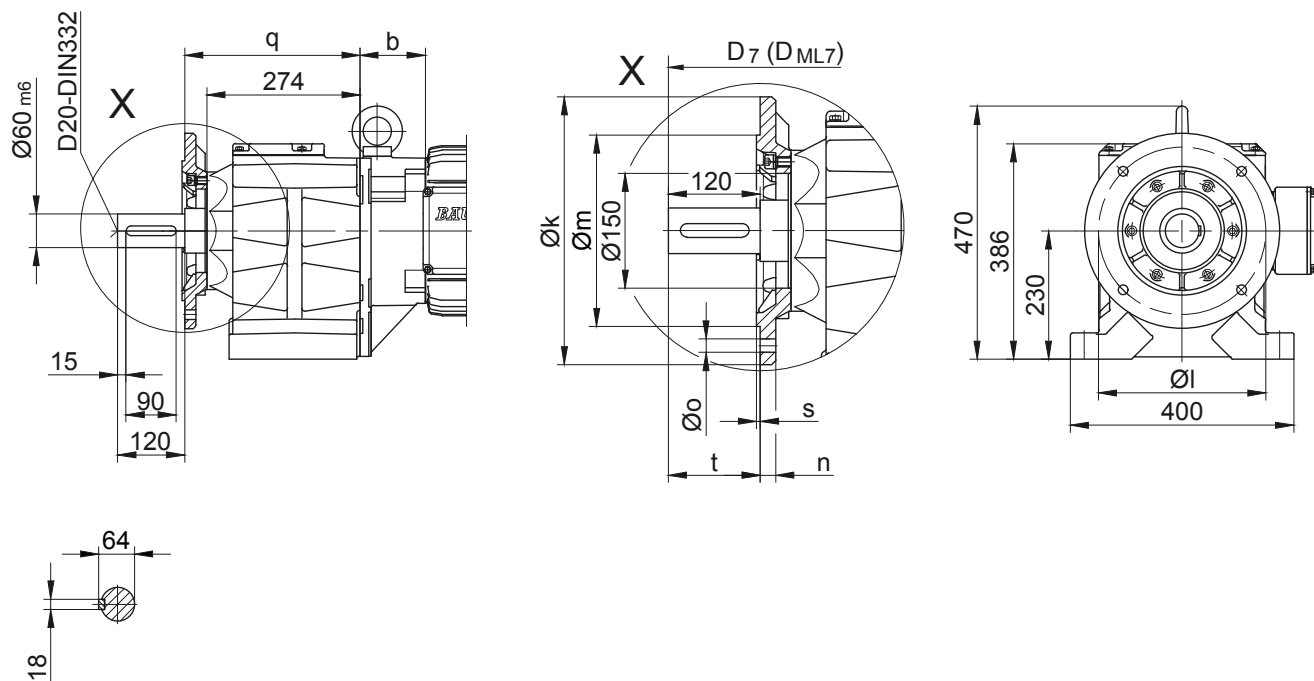
Dimensions in millimetres (mm)

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG70-BG70Z

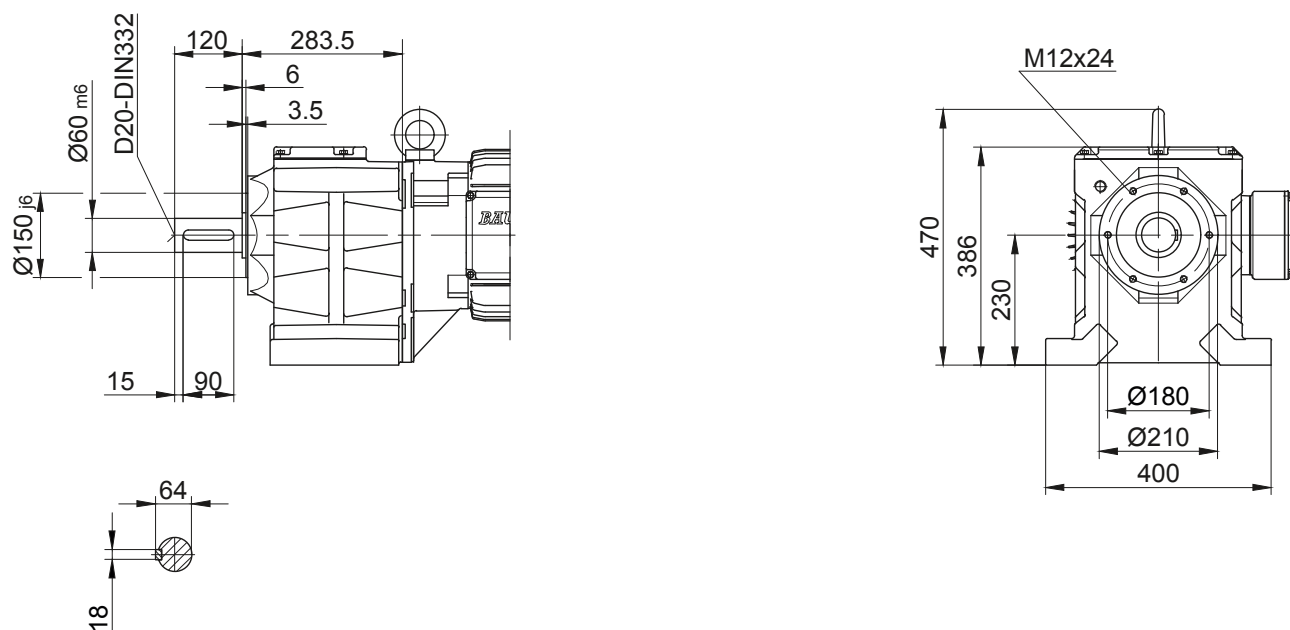
Flange with clearance holes

Code -37/
(Code -27/)



Flange with clearance holes

Code -71/



Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D ₇	D _{ML7}
BG70..	Code -37/	350	300	250	20	17.5	314	5	120	d+30.5	d _{ML} +30.5
BG70..	Code -27/	300	265	230	20	13.5	322	4	112	d+30.5	d _{ML} +30.5

Dimensions in millimetres (mm)

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

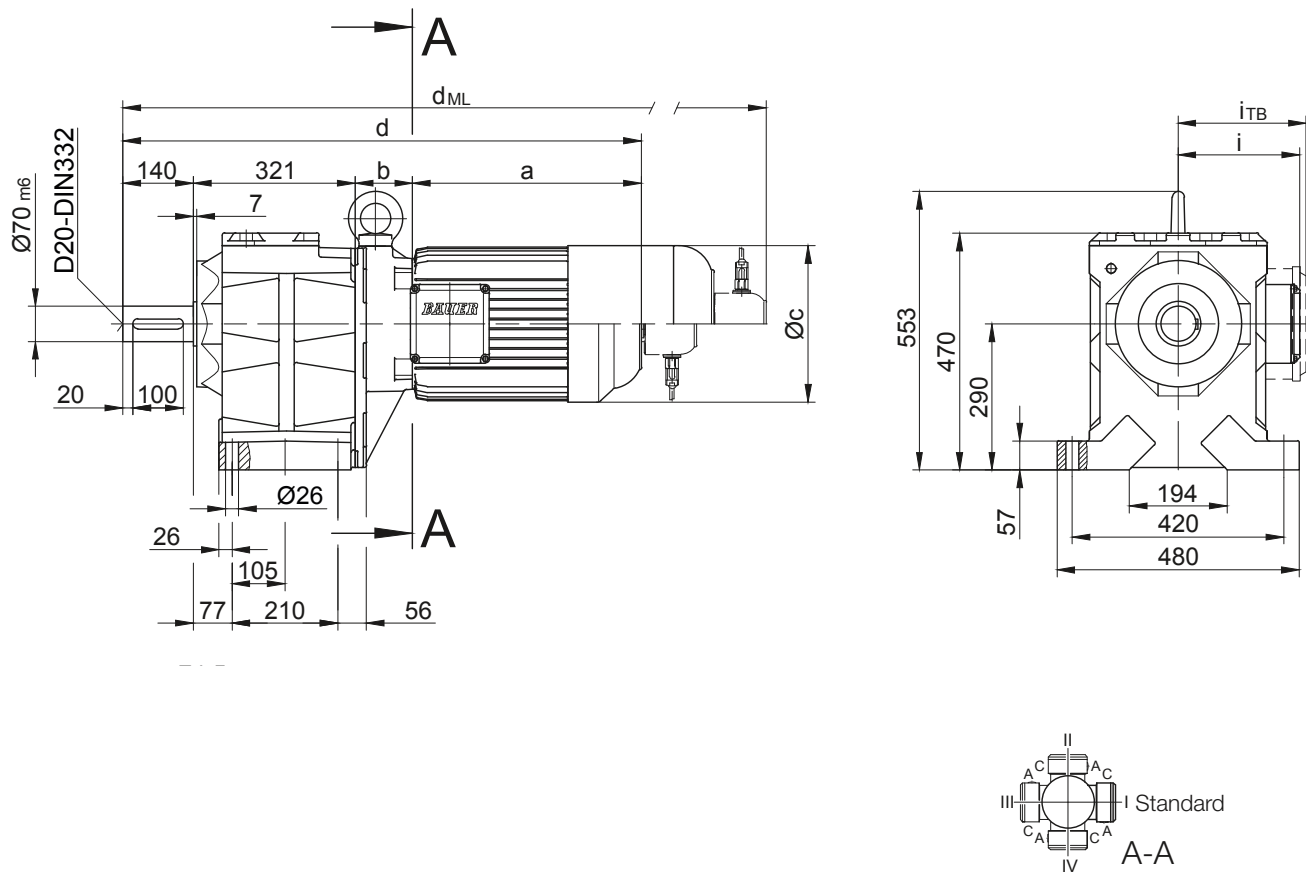
BG-series helical-geared motors

Dimension - Standard

BG80-BG80Z

Foot mounting with clearance holes

Code -11/



Type	a	b	c	d	i	Design with motor extensions				
						i _{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d _{ML}	d _{ML}	d _{ML}	d _{ML}
BG80Z-../D..09.A.	250.5	252.5	176	964	125.5	157	1057	1071.5	1161	1057
BG80Z-../D..09.B.	308.5	252.5	176	1022	125.5	157	1115	1129	1219	1115
BG80-../D..11.A.	319	87	218	867	165	176	965	974.5	1067	965
BG80Z-../D..11.A.	319	259	218	1039	165	176	1137	1146.5	1067	965
BG80-../D..11.B.	387	87	218	935	165	176	1031	1042.5	1135	1031
BG80Z-../D..11.B.	387	259	218	1107	165	176	1203	1214.5	1307	1203
BG80-../D..13.A.	393	100	258	954	217	217	1065	1061	1166	1062
BG80Z-../D..13.A.	393	272	258	1126	217	217	1237	1233	1338	1234
BG80-../D..16.B.	454.5	114	310	1029.5	243	243	1173	1136.5	1276.5	1173
BG80Z-../D..16.B.	454.5	286	310	1201.5	243	243	1345	1308.5	1448.5	1345
BG80-../D..18.B.	542	136	348	1139	288	288	1195	1158.5	1298.5	1195
BG80Z-../D..18.B.	542	308	348	1311	288	288	1367	1330.5	1470.5	1367
BG80-../D..20.A.	703.5	153	363	1317.5	280	280	1445	1423	1550.5	1317.5
BG80-../D..22.A.	703.5	153	363	1317.5	280	280	1445	1423	1550.5	1317.5

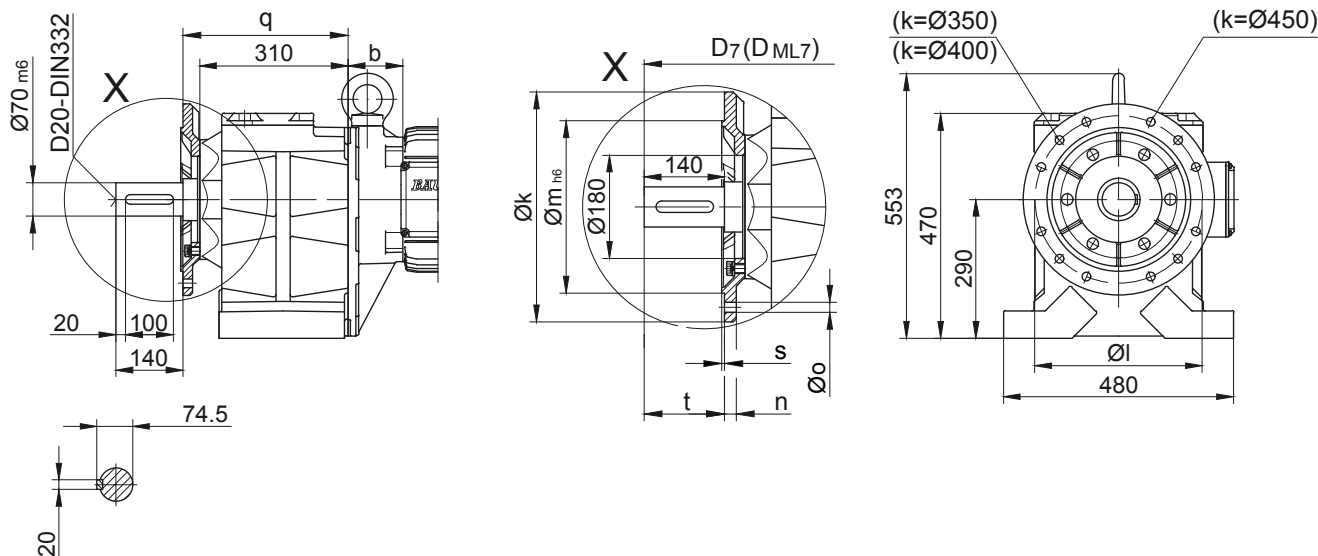
Dimensions in millimetres (mm)

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG80-BG80Z

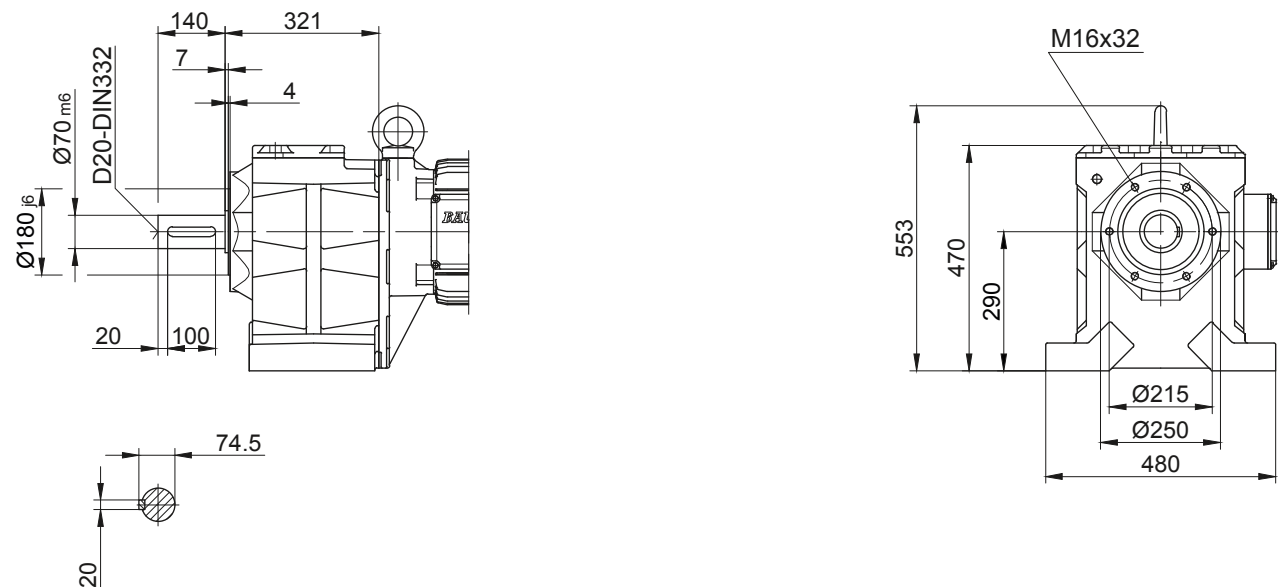
Flange with clearance holes

Code -37/
(Code -27/
(Code -47/)



Flange with clearance holes

Code -71/



10

Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D ₇	D _{ML7}
BG80..	Code -37/	400	350	300	20	4 x 17.5	345	5	140	d+24	d _{ML} +24
BG80..	Code -27/	350	300	250	20	4 x 17.5	345	5	140	d+24	d _{ML} +24
BG80..	Code -47/	450	400	350	22	8 x 17.5	355	5	130	d+24	d _{ML} +24

Dimensions in millimetres (mm)

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

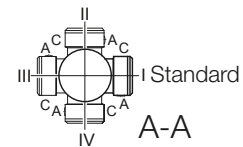
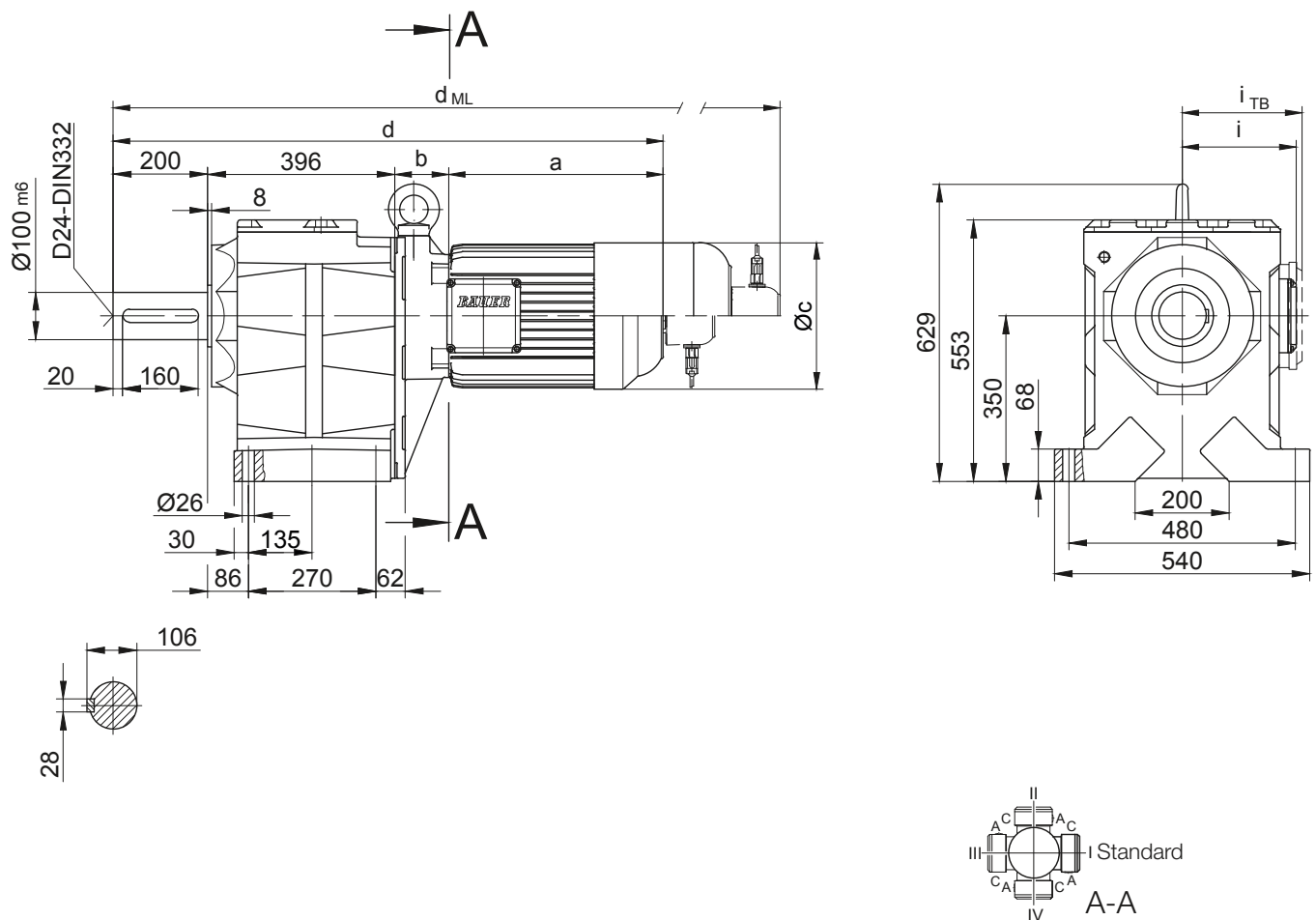
BG-series helical-geared motors

Dimension - Standard

BG90-BG90Z

Foot mounting with clearance holes

Code -11/



Type	a	b	c	d	i	Design with motor extensions				
						i _{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d _{ML}	d _{ML}	d _{ML}	d _{ML}
BG90Z-../D..09.A.	250.5	267	176	1113.5	125.5	157	1206.5	1221	1310.5	1206.5
BG90Z-../D..09.B.	308.5	267	176	1171.5	125.5	157	1264.5	1278.5	1368.5	1264.5
BG90Z-../D..11.A.	319	273.5	218	1188.5	165	176	1286.5	1296	1388.5	1286.5
BG90Z-../D..11.B.	387	273.5	218	1256.5	165	176	1352.5	1364	1456.5	1352.5
BG90-../D..13.A.	393	100	258	1089	217	217	1200	1196	1301	1197
BG90Z-../D..13.A.	393	286.5	258	1275.5	217	217	1386.5	1382.5	1487.5	1383.5
BG90-../D..16.B.	454.5	114	310	1164.5	243	243	1308	1271.5	1411.5	1308
BG90Z-../D..16.B.	454.5	300.5	310	1351	243	243	1494.5	1458	1598	1494.5
BG90-../D..18.B.	542	136	348	1274	288	288	1423.5	1379.5	1527	1423.5
BG90Z-../D..18.B.	542	322.5	348	1460.5	288	288	1610	1566	1713.5	1610
BG90-../D..20.A.	703.5	153	363	1452.5	280	280	1580	1498	1685.5	1452.5
BG90-../D..22.A.	703.5	153	363	1452.5	280	280	1580	1558	1685.5	1452.5

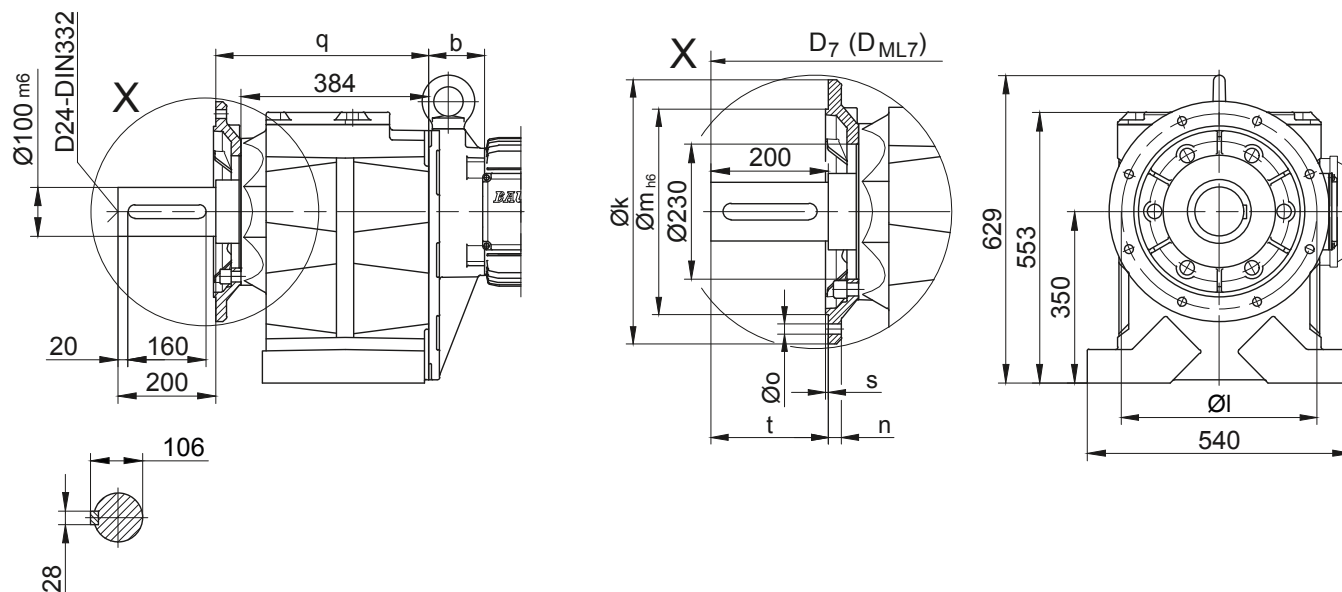
Dimensions in millimetres (mm)

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG90-BG90Z

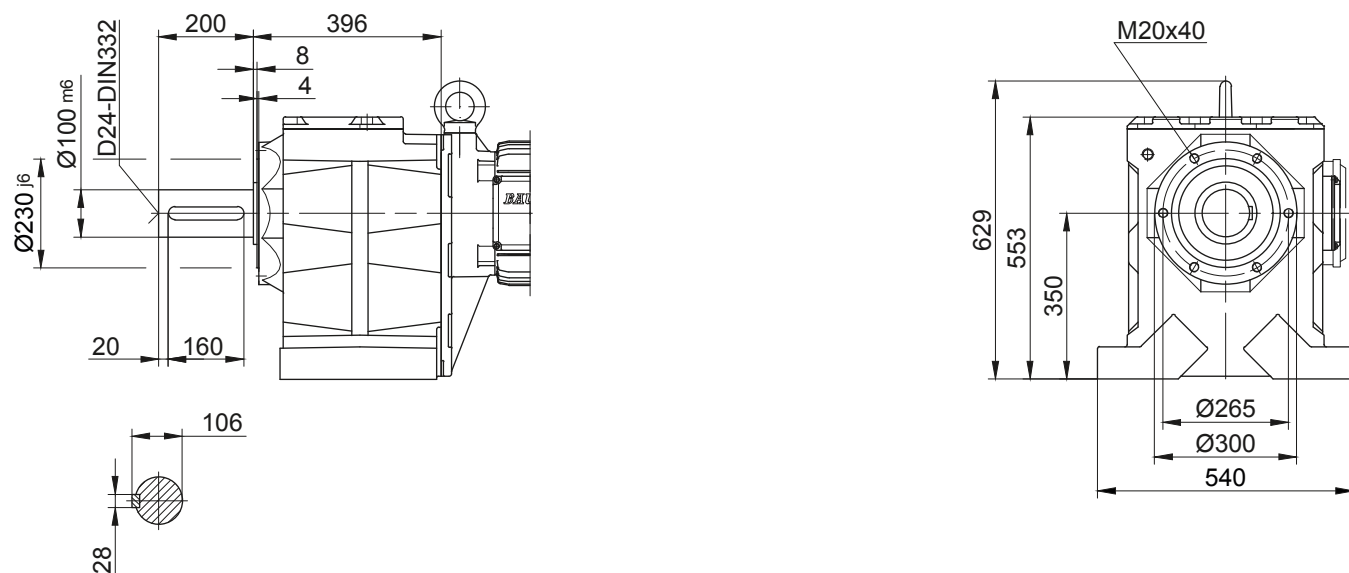
Flange with clearance holes

Code -37/
(Code -47/)



Flange with clearance holes

Code -71/



Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D ₇	D _{ML7}
BG90..	Code -37/	450	400	350	22	17.5	439	5	200	d+43	d _{ML} +43
BG90..	Code -47/	550	500	450	22	17.5	444	5	195	d+43	d _{ML} +43

Dimensions in millimetres (mm)

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

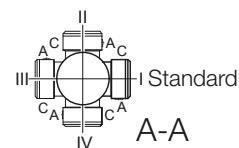
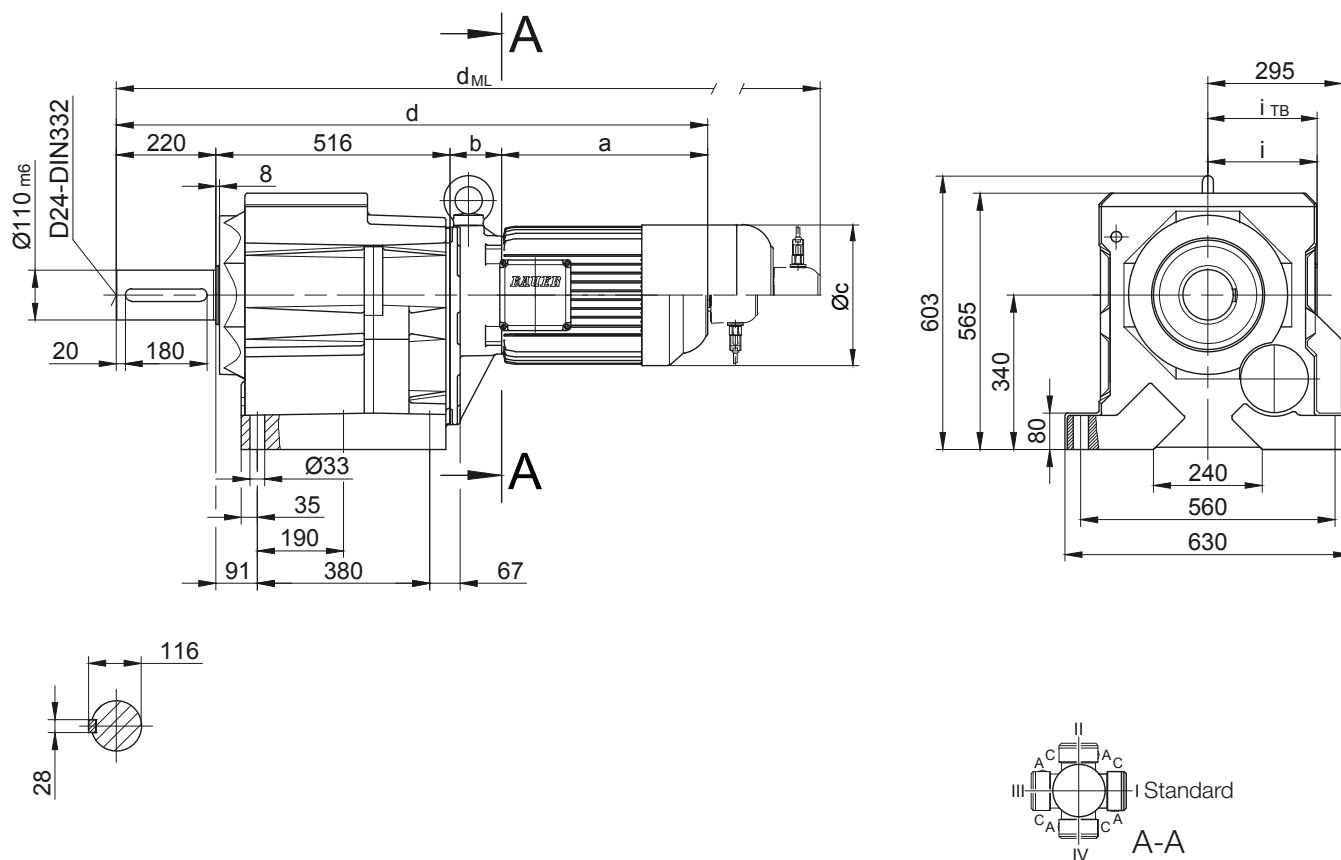
BG-series helical-geared motors

Dimension - Standard

BG100-BG100Z

Foot mounting with clearance holes

Code -11/



Type	a	b	c	d	i	Design with motor extensions				
						i _{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d _{ML}	d _{ML}	d _{ML}	d _{ML}
BG100Z-../D..09.A.	250.5	252.5	176	1239	125.5	157	1332	1346.5	1436	1332
BG100Z-../D..09.B.	308.5	252.5	176	1297	125.5	157	1390	1404	1494	1390
BG100-../D..11.A.	319	87	218	1142	165	176	1240	1249.5	1342	1240
BG100Z-../D..11.A.	319	259	218	1314	165	176	1412	1421.5	1514	1412
BG100-../D..11.B.	387	87	218	1210	165	176	1306	1317.5	1410	1306
BG100Z-../D..11.B.	387	259	218	1382	165	176	1478	1489.5	1582	1478
BG100-../D..13.A.	393	100	258	1229	217	217	1340	1336	1441	1337
BG100Z-../D..13.A.	393	272	258	1401	217	217	1512	1508	1613	1509
BG100-../D..16.B.	454.5	114	310	1304.5	243	243	1448	1411.5	1551.5	1448
BG100Z-../D..16.B.	454.5	286	310	1476.5	243	243	1620	1583.5	1723.5	1620
BG100-../D..18.B.	542	136	348	1414	288	288	1470	1519.5	1573.5	1470
BG100Z-../D..18.B.	542	308	348	1586	288	288	1735.5	1691.5	1839	1735.5
BG100-../D..20.A.	703.5	153	363	1592.5	280	280	1720	1698	1825.5	1592.5
BG100Z-../D..22.A.	703.5	153	363	1592.5	280	280	1720	1698	1825.5	1592.5

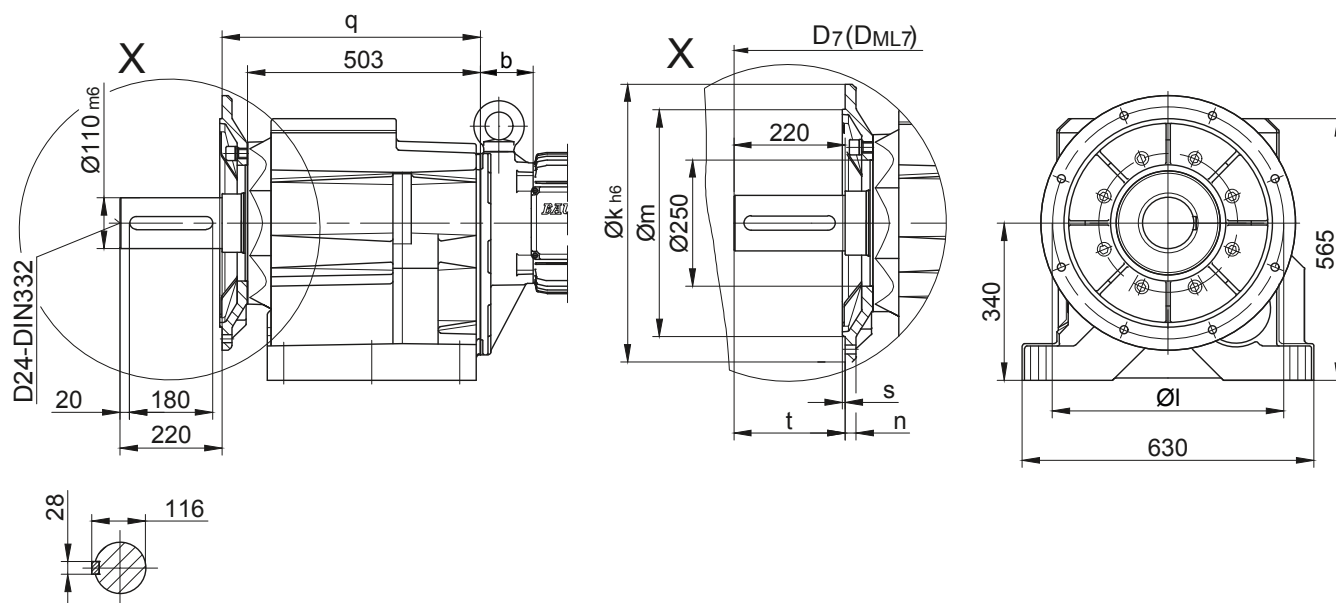
Dimensions in millimetres (mm)

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG100-BG100Z

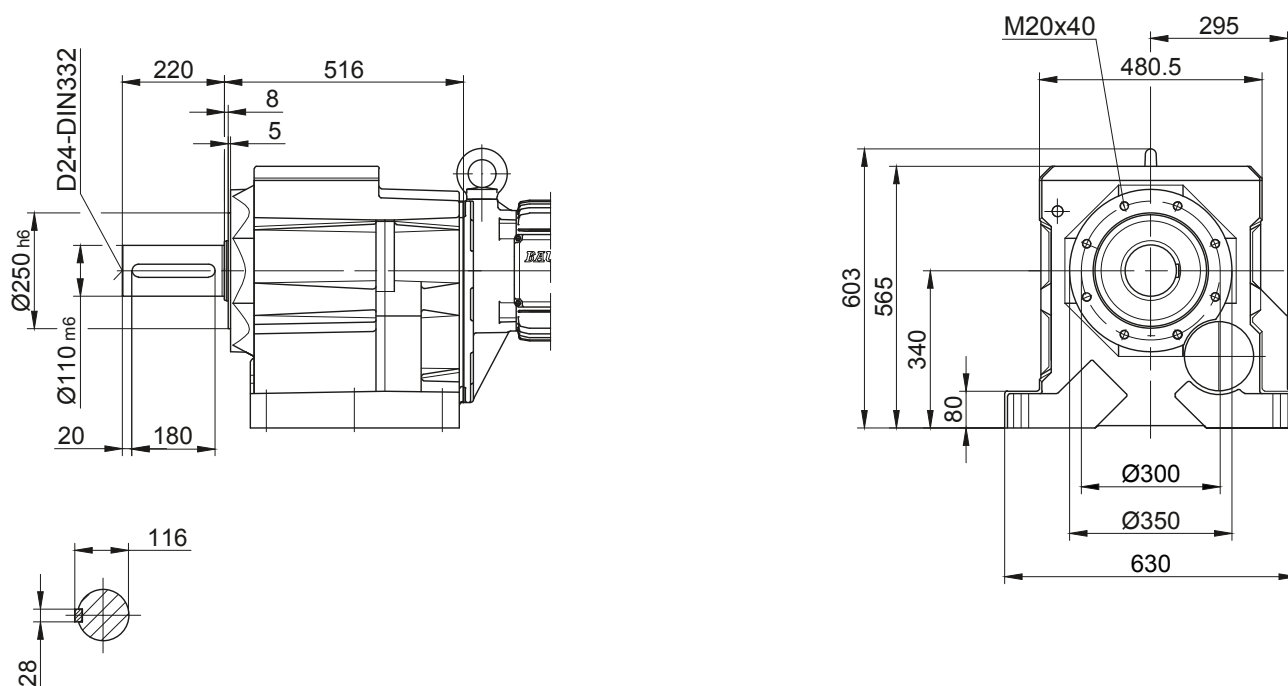
Flange with clearance holes

Code -37/
(Code -47/)



Flange with clearance holes

Code -71/



Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D ₇	D _{ML7}
BG100..	Code -37/	550	500	450	22	17.5	558	5	220	d+42	d _{ML} +42
BG100..	Code -47/	660	600	550	25	22	552	6	226	d+42	d _{ML} +42

Dimensions in millimetres (mm)

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Energy Efficient Geared Motors

AC Line Operated

10

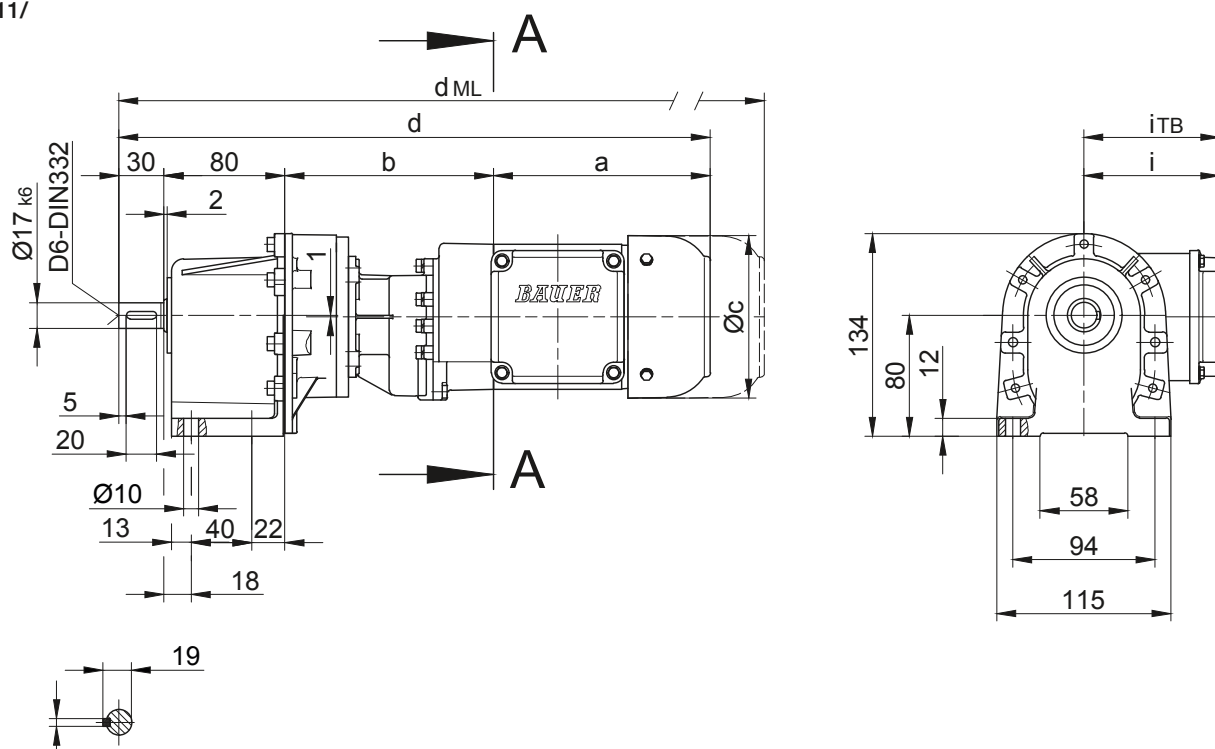
BG-series helical-geared motors

Dimension - Tandem Gearbox

BG06G04

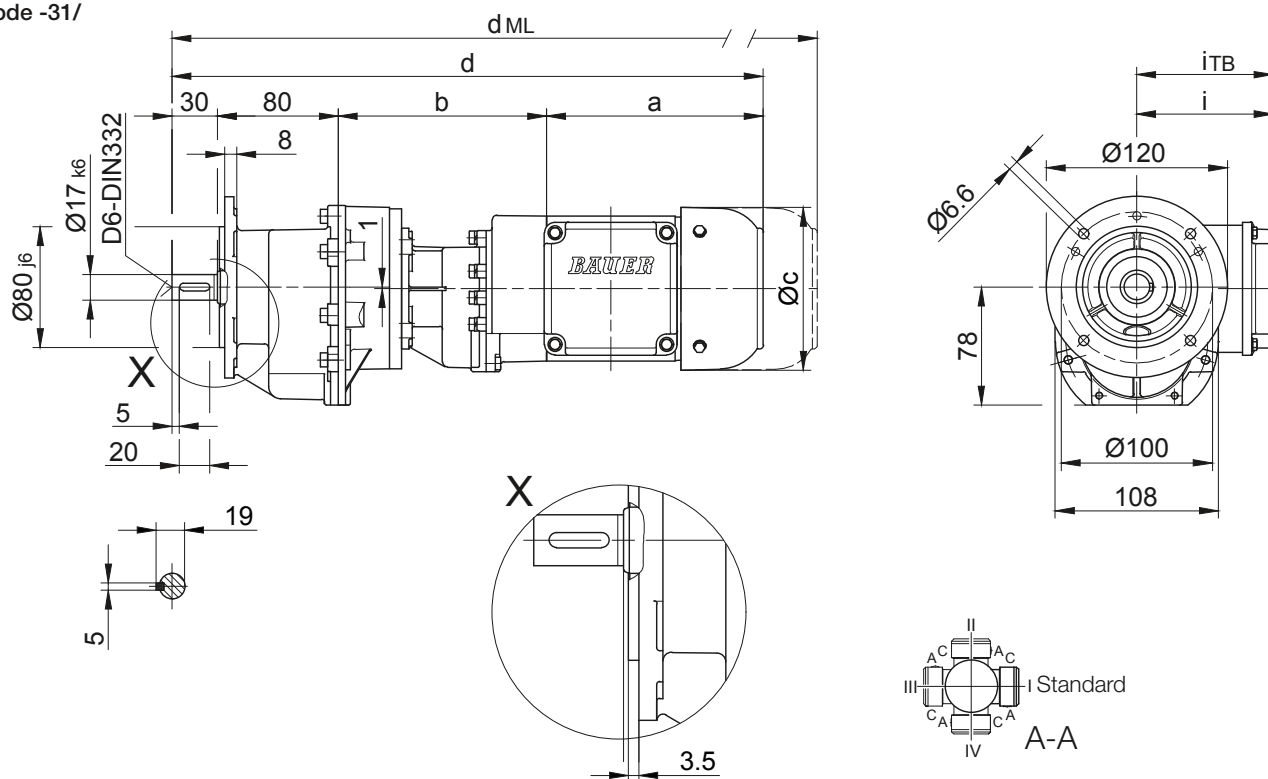
Foot mounting

Code -11/



Flange with clearance holes

Code -31/



10

Type	a	b	c	d	i	Design with motor extensions				
						i _{TB}	Brake	Encoder	Brake with Encoder	Back Stop
BG06G04-../D04.A.	142.5	134	110.5	386.5	90	112	d _{ML} 430	d _{ML} 474	d _{ML} 517.5	d _{ML} -

Dimensions in millimetres (mm)

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

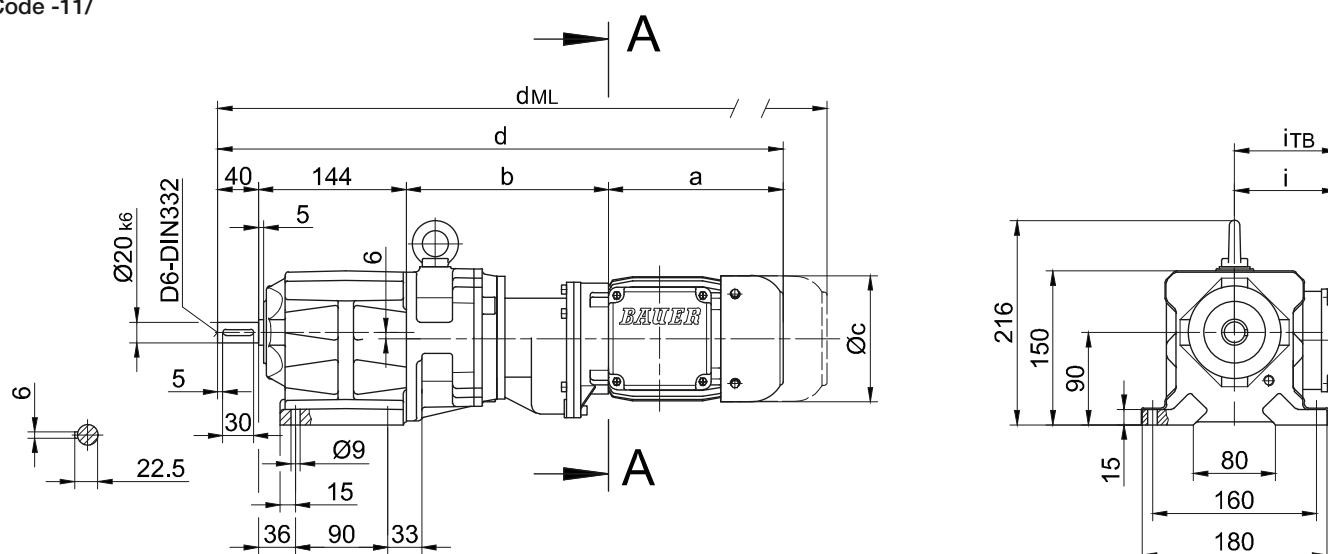
BG-series helical-geared motors

Dimension - Tandem Gearbox

BG10G06

Foot mounting with clearance holes

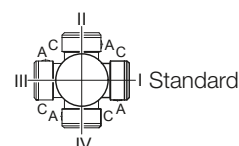
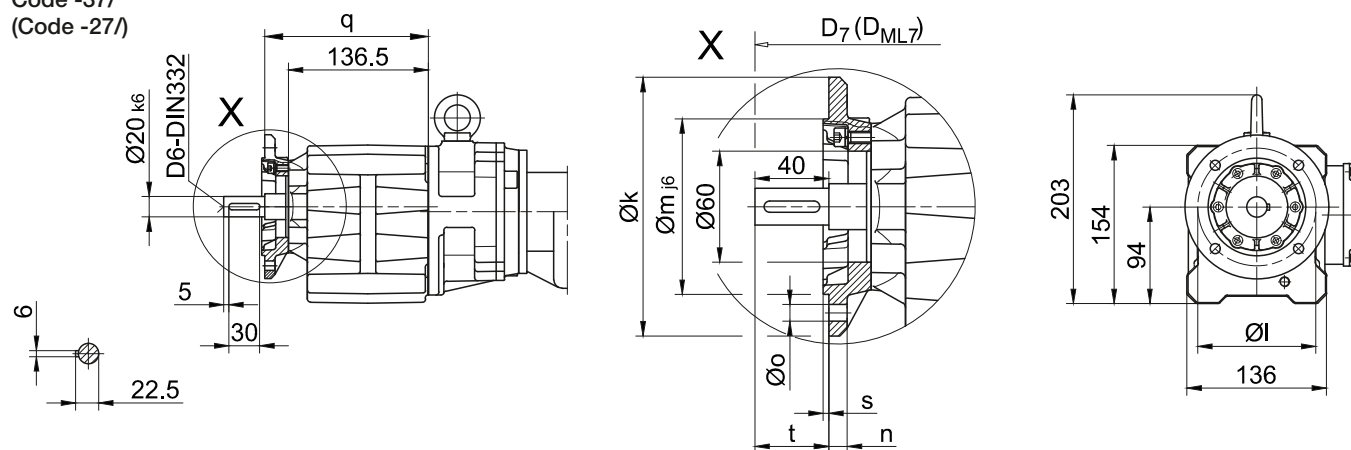
Code -11/



Flange with clearance holes

Code -37/

(Code -27/)



Flange Dimensions

Type	Design	k	l	m	n	o	q	s	t	D ₇	D _{ML7}
BG10..	Code -37V/	140	115	95	10	9	159.5	3	40	d+15.5	d _{ML} +15.5
BG10..	Code -27V/	120	100	80	8	6.6	154.5	3	45	d+15.5	d _{ML} +15.5

Dimensions in millimetres (mm)

Type	a	b	c	d	i	Design with motor extensions				
						i _{TB}	Brake	Encoder	Brake with Encoder	Back Stop
BG10G06-../D04.A.	142.5	195	110.5	521.5	90	112	d _{ML} 565	d _{ML} 609	d _{ML} 652.5	d _{ML} -
BG10G06-../D..05.A.	170.5	197	123	551.5	101.5	117	593.5	654	691.5	-
BG10G06-../D..06.A.	170.5	197	123	551.5	101.5	119	593.5	654	691.5	-
BG10G06-../D..07.A.	190.5	197	123	571.5	101.5	119	613.5	674	711.5	-
BG10G06-../D..08.A.	199.5	241	156	624.5	116	136.5	690.5	736.5	798	690.5
BG10G06-../D..08.B.	229.5	241	156	654.5	116	136.5	720.5	766.5	827.5	720.5

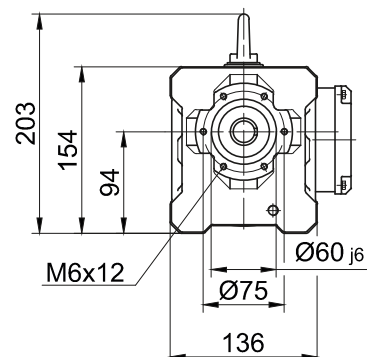
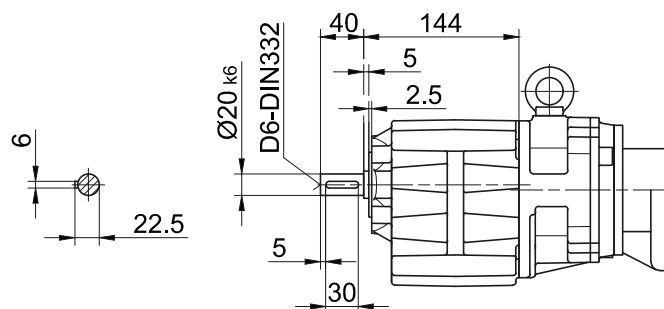
Dimensions in millimetres (mm)

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG10G06

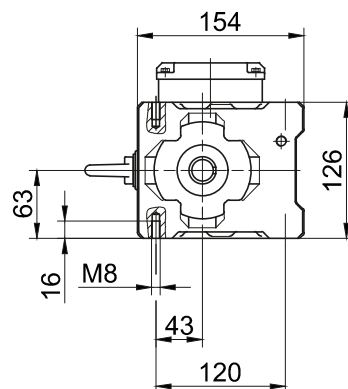
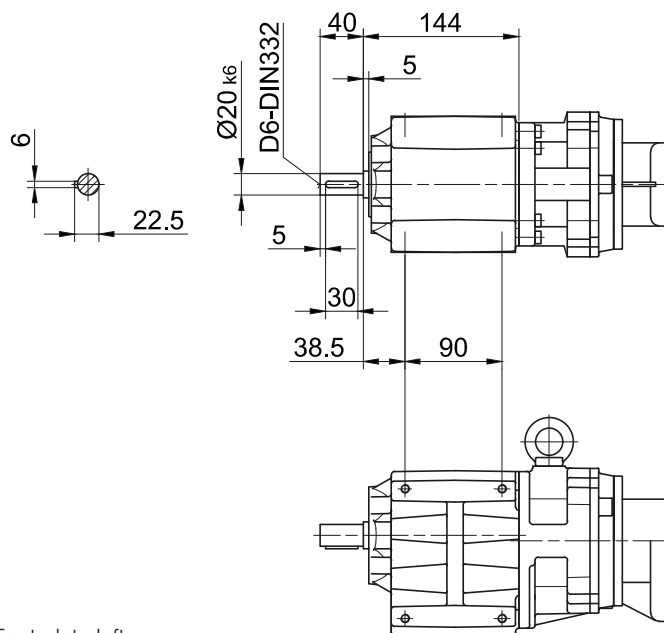
Flange with clearance holes

Code -71/



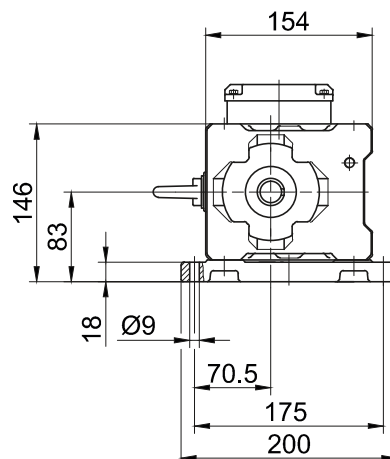
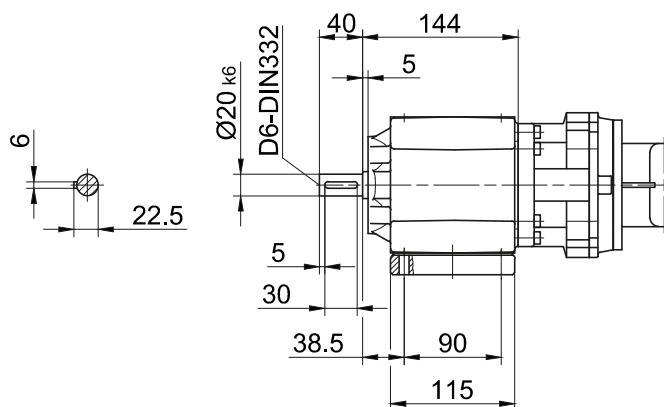
Foot with tapped holes left and right

Code -61LR/



Foot plate left

Code -91L/



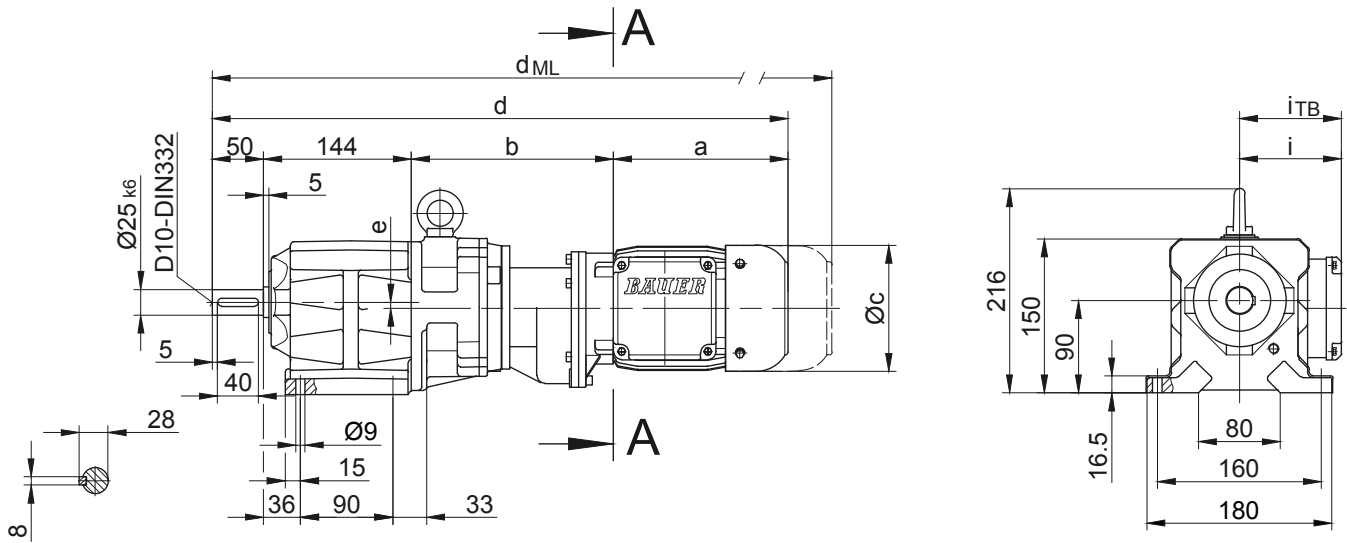
BG-series helical-geared motors

Dimension - Tandem Gearbox

BG10XG06

Foot mounting with clearance holes

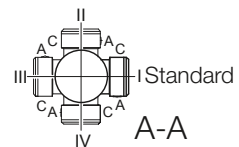
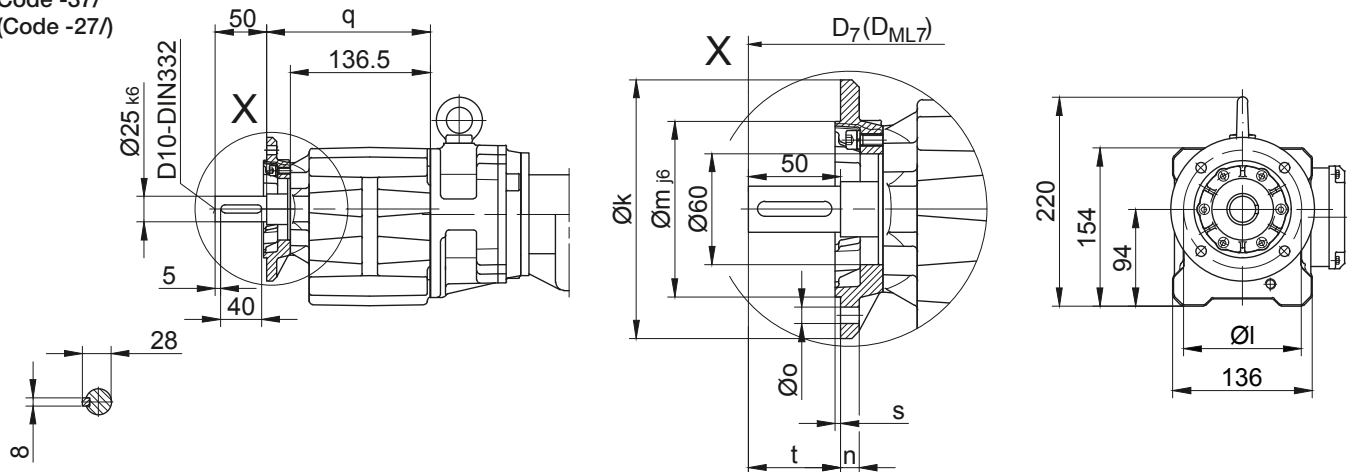
Code -11/



Flange with clearance holes

Code -37/

(Code -27/)



Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D_7	D_{ML7}
BG10X..	Code -37V/	140	115	95	10	9	159.5	3	50	$d+15.5$	$d_{ML}+15.5$
BG10X..	Code -27V/	120	100	80	8	6.6	154.5	3	55	$d+15.5$	$d_{ML}+15.5$

Dimensions in millimetres (mm)

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG10XG06-../D04.A.	142.5	195	110.5	531.5	90	112	575	619	662.5	-
BG10XG06-../D..05.A.	170.5	197	123	561.5	101.5	117	603.5	664	701.5	-
BG10XG06-../D..06.A.	170.5	197	123	561.5	101.5	119	603.5	664	701.5	-
BG10XG06-../D..07.A.	190.5	197	123	581.5	101.5	119	623.5	684	721.5	-
BG10XG06-../D..08.A.	199.5	241	156	634.5	116	136.5	700.5	746.5	808	700.5
BG10XG06-../D..08.B.	229.5	241	156	664.5	116	136.5	730.5	776.5	837.5	730.5

Dimensions in millimetres (mm)

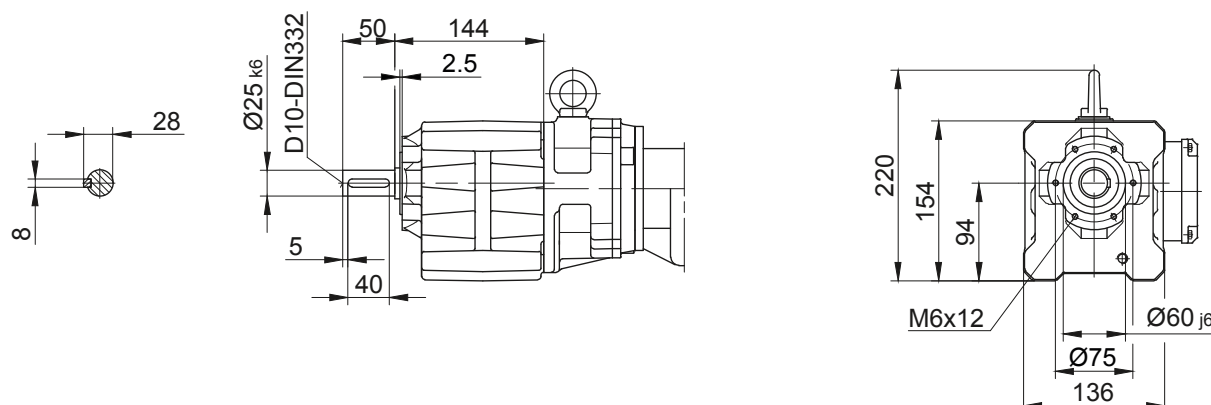
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Dimension - Tandem Gearbox

BG10XG06

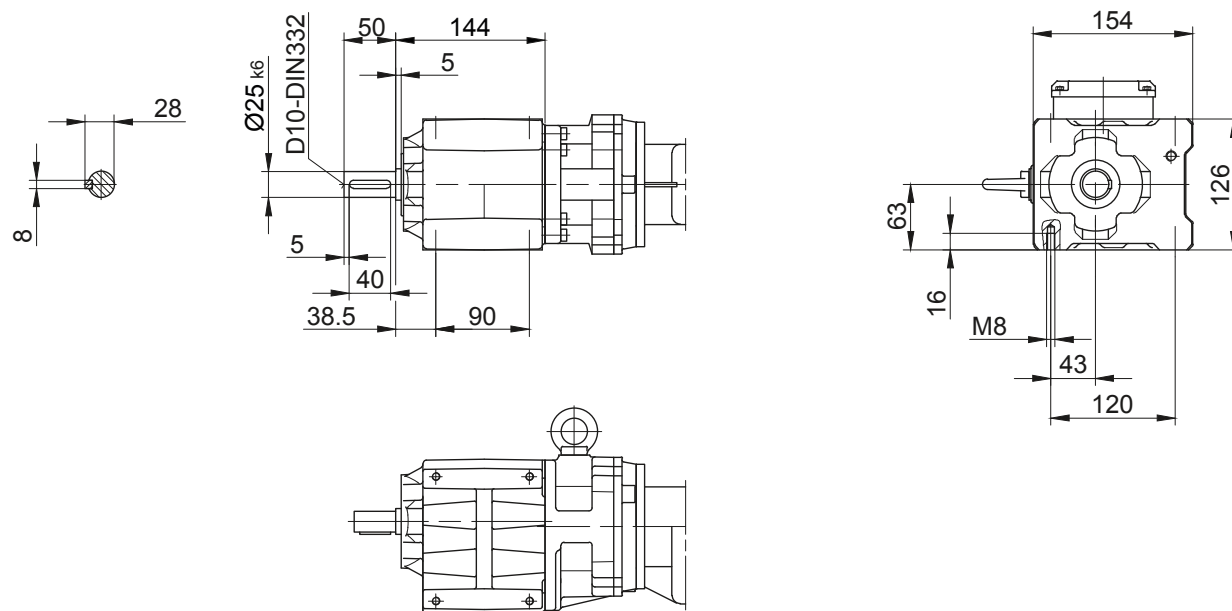
Flange with clearance holes

Code -71/



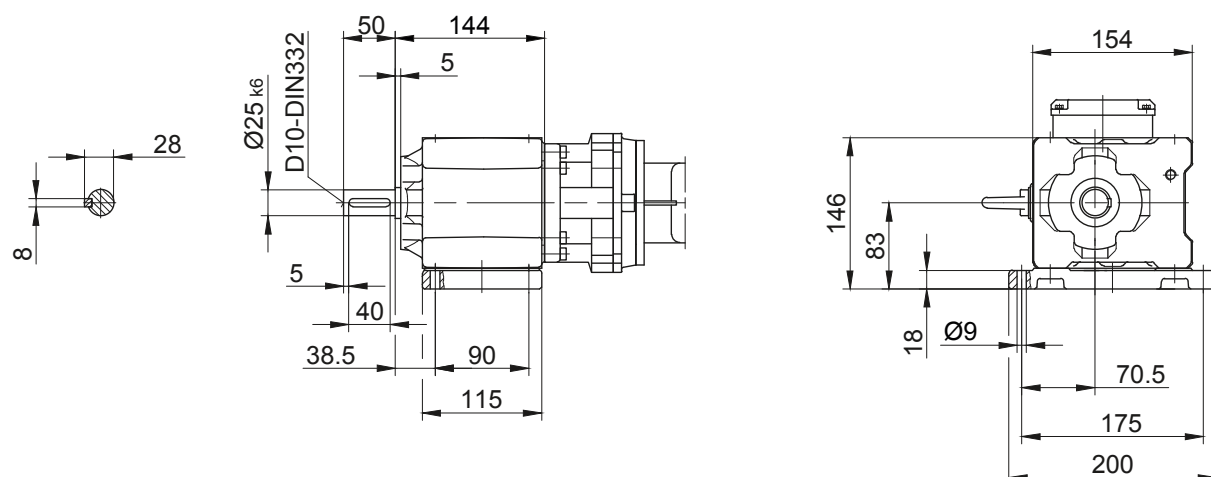
Foot with tapped holes left and right

Code -61LR/



Foot plate left

Code -91 L/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

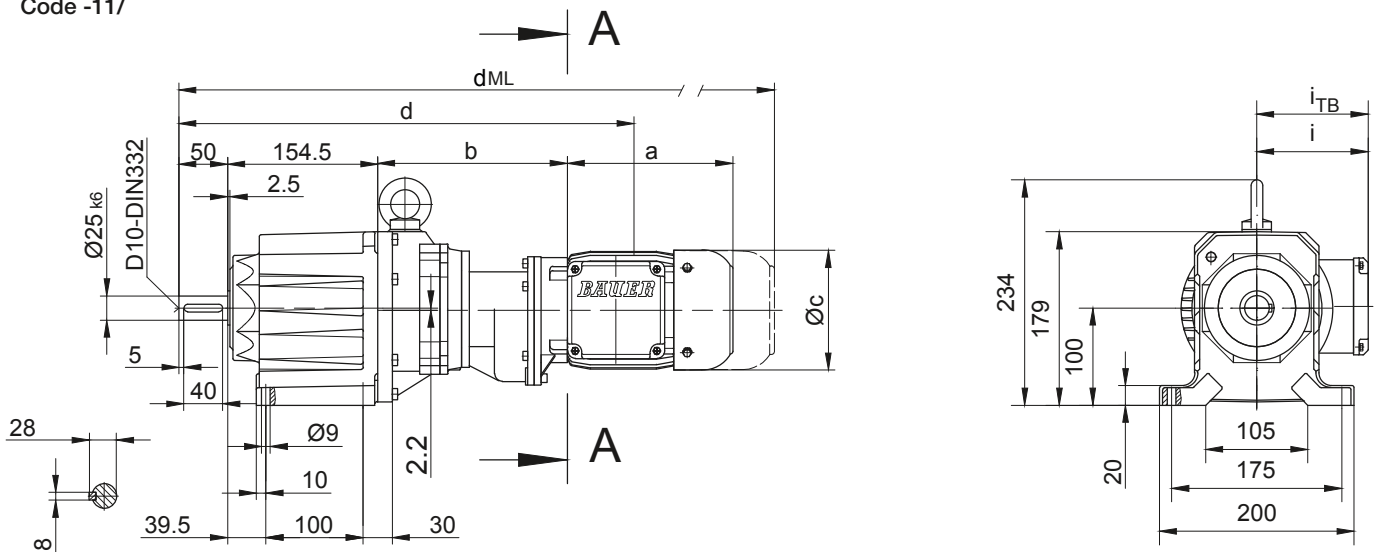
BG-series helical-geared motors

Dimension - Tandem Gearbox

BG20G06

Foot mounting with clearance holes

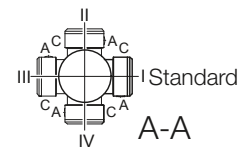
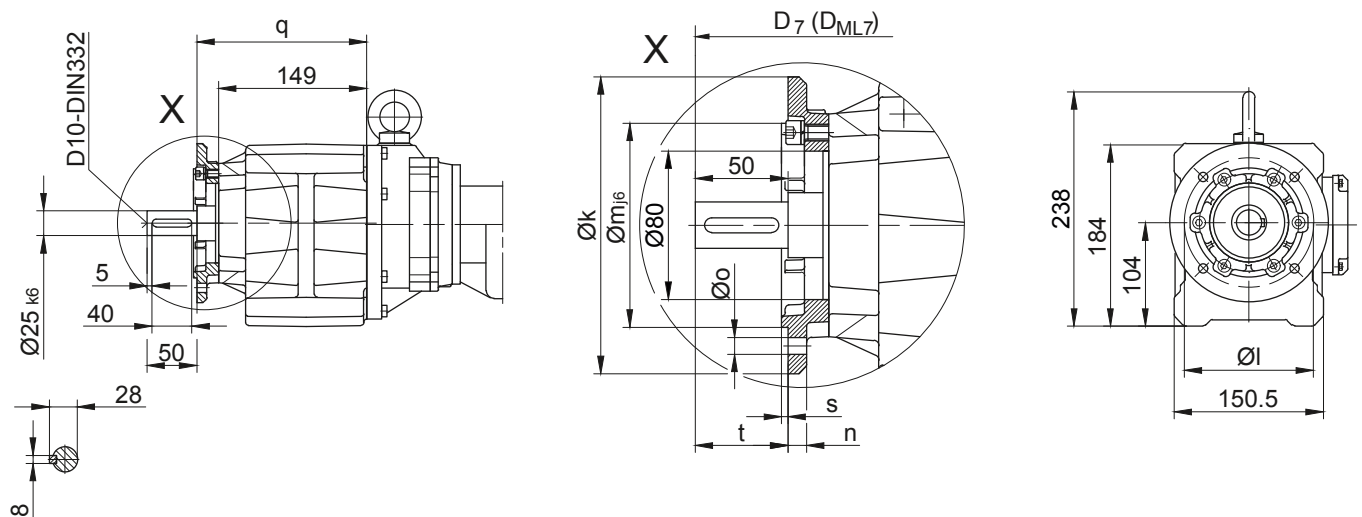
Code -11/



Flange with clearance holes

Code -37/

(Code -47/)



Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D ₇	D _{ML7}
BG20..	Code -37V/	160	130	110	10	9	171	3.5	50	d+16.5	d _{ML} +16.5
BG20..	Code -47V/	200	165	130	12	11	178	3.5	43	d+16.5	d _{ML} +16.5

Dimensions in millimetres (mm)

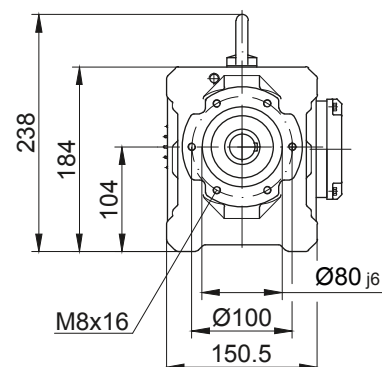
Type	a	b	c	d	i	Design with motor extensions				
						i _{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d _{ML}	d _{ML}	d _{ML}	d _{ML}
BG20G06-../D04.A.	142.5	193	110.5	540	90	112	583.5	627.5	671	-
BG20G06-../D..05.A.	170.5	195	123	570	101.5	117	612	672.5	710	-
BG20G06-../D..06.A.	170.5	195	123	570	101.5	119	612	672.5	710	-
BG20G06-../D..07.A.	190.5	195	123	590	101.5	119	632	692.5	730	-
BG20G06-../D..08.A.	199.5	239	156	643	116	136.5	709	755	816.5	709
BG20G06-../D..08.B.	229.5	239	156	673	116	136.5	739	785	846	739

Dimensions in millimetres (mm)

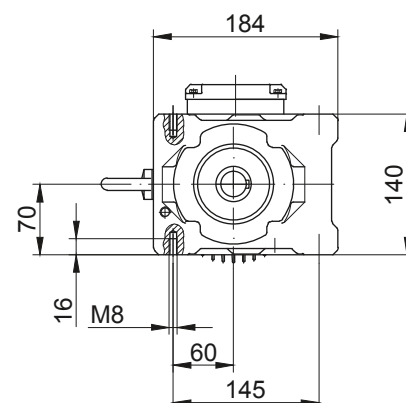
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Dimension - Tandem Gearbox

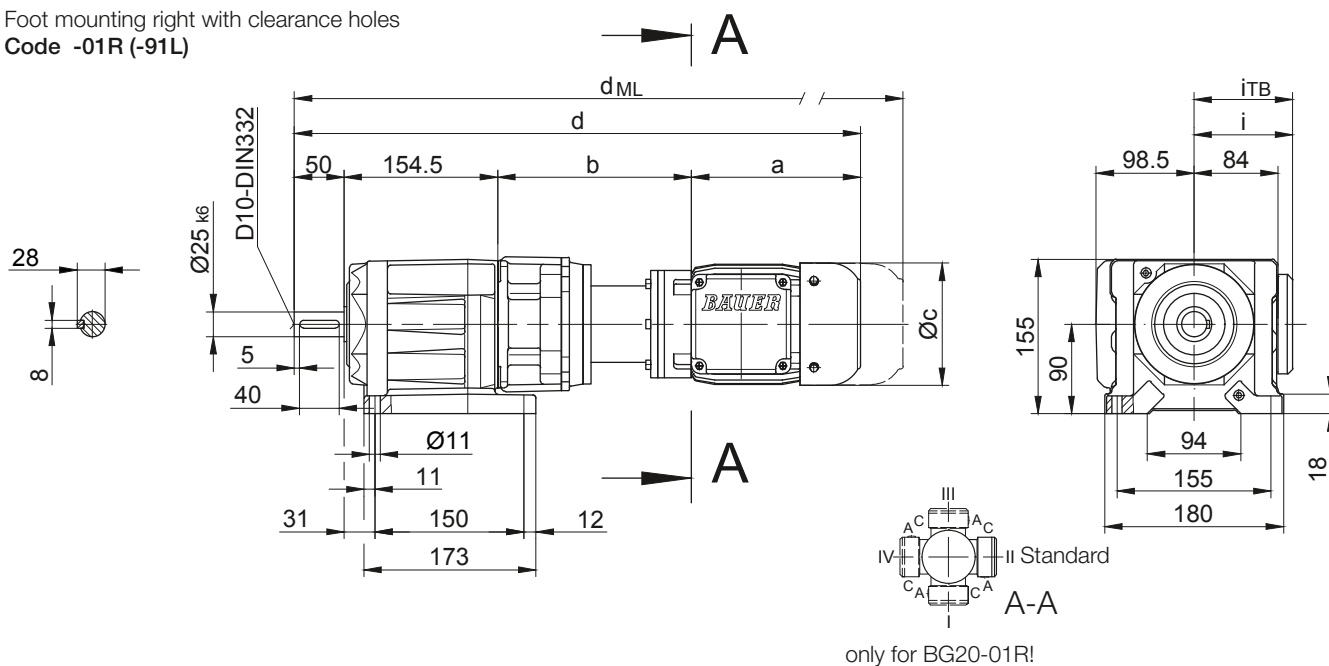
Code -71/



Code -61LR/



Code -01R (-91L)



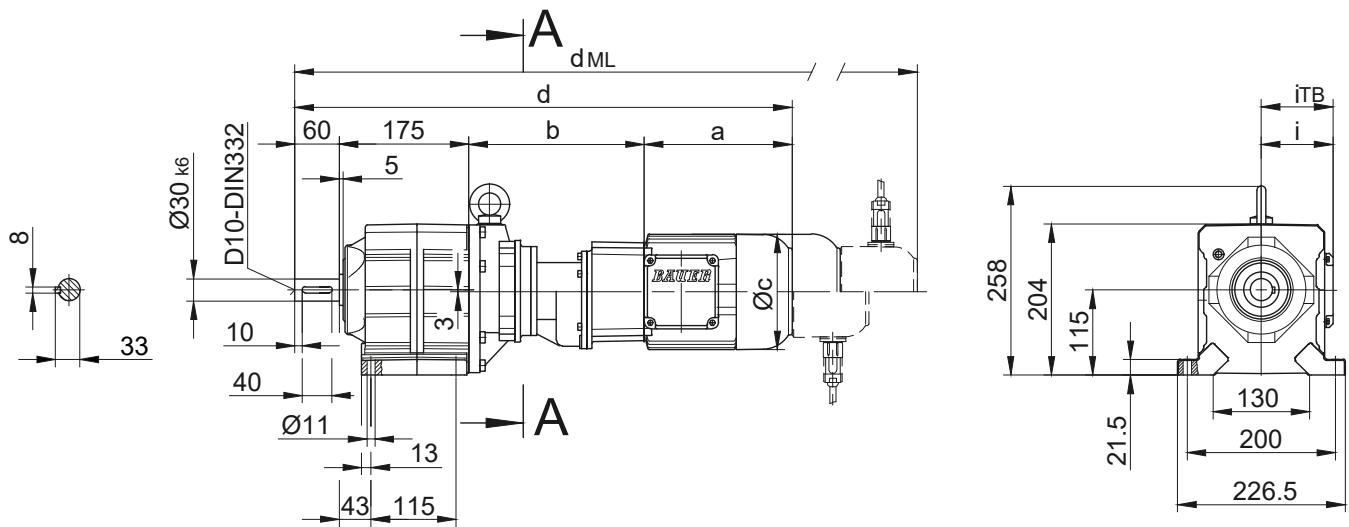
511

Dimension - Tandem Gearbox

BG30G06

Foot mounting with clearance holes

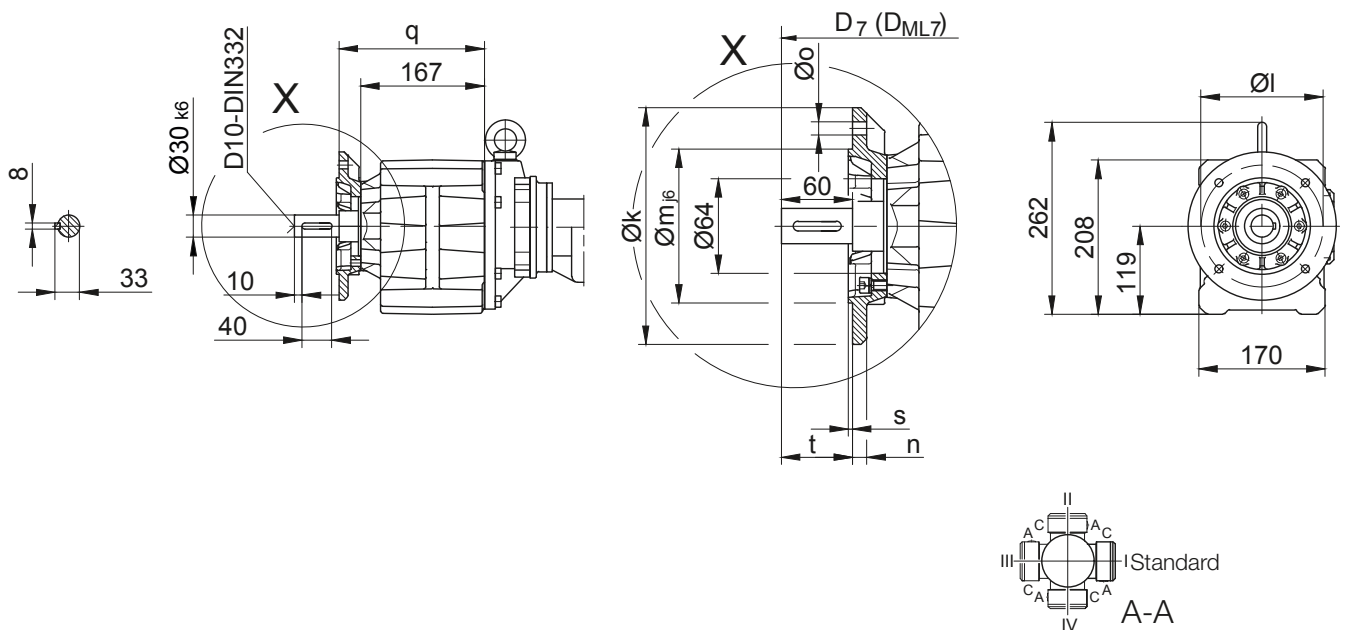
Code -11/



Flange with clearance holes

Code -37/

(Code -27/)



Flange Dimensions

Type	Design	k	l	m	n	o	q	s	t	D ₇	D _{ML7}
BG30..	Code -37/	200	165	130	12	11	196	3.5	60	d+21	d _{ML} +21
BG30..	Code -27/	160	130	110	10	9	189	3.5	67	d+21	d _{ML} +21

Dimensions in millimetres (mm)

Type	a	b	c	d	i	Design with motor extensions				
						i _{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d _{ML}	d _{ML}	d _{ML}	d _{ML}
BG30G06-../D04.A.	142.5	191	110.5	568.5	90	112	612	656	699.5	-
BG30G06-../D..05.A.	170.5	193	123	598.5	101.5	117	640.5	701	738.5	-
BG30G06-../D..06.A.	170.5	193	123	598.5	101.5	119	640.5	701	738.5	-
BG30G06-../D..07.A.	190.5	193	123	618.5	101.5	119	660.5	721	758.5	-
BG30G06-../D..08.A.	199.5	237	156	671.5	116	136.5	737.5	783.5	845	737.5
BG30G06-../D..08.B.	229.5	237	156	701.5	116	136.5	767.5	813.5	874.5	767.5

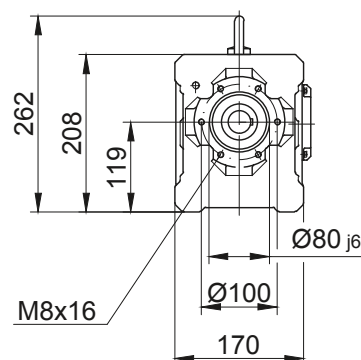
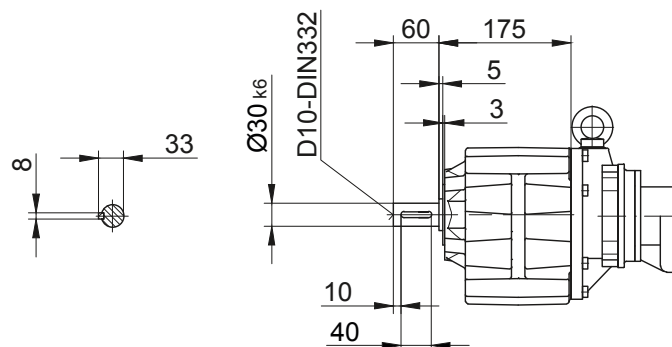
Dimensions in millimetres (mm)

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG30G06

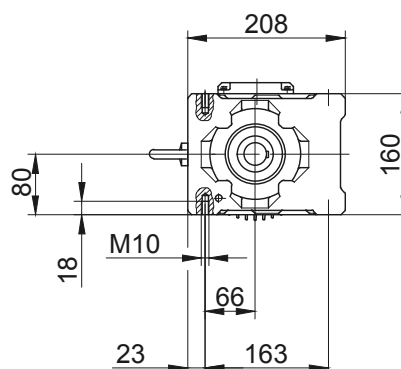
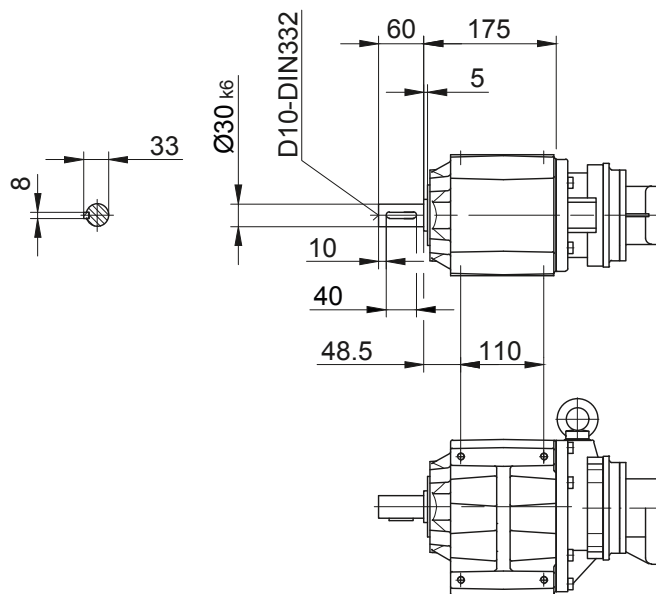
Flange with clearance holes

Code -71/



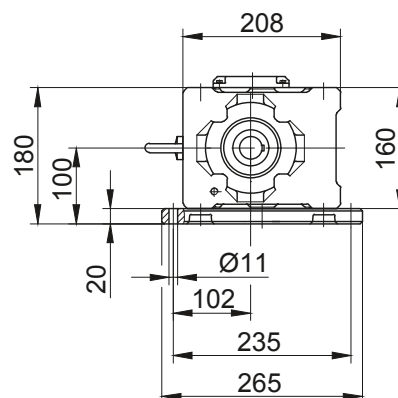
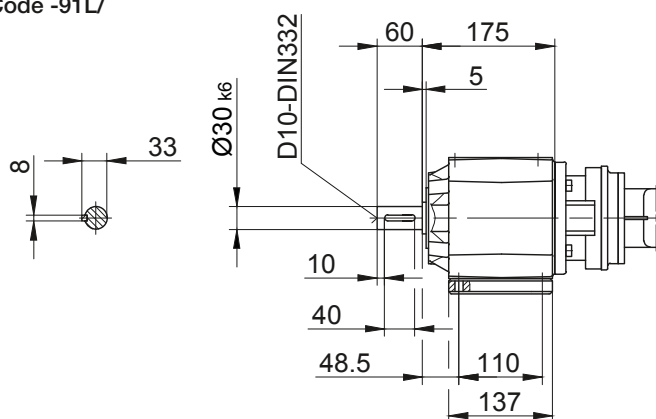
Foot with tapped holes left and right

Code -61LR/



Foot plate left

Code -91L/



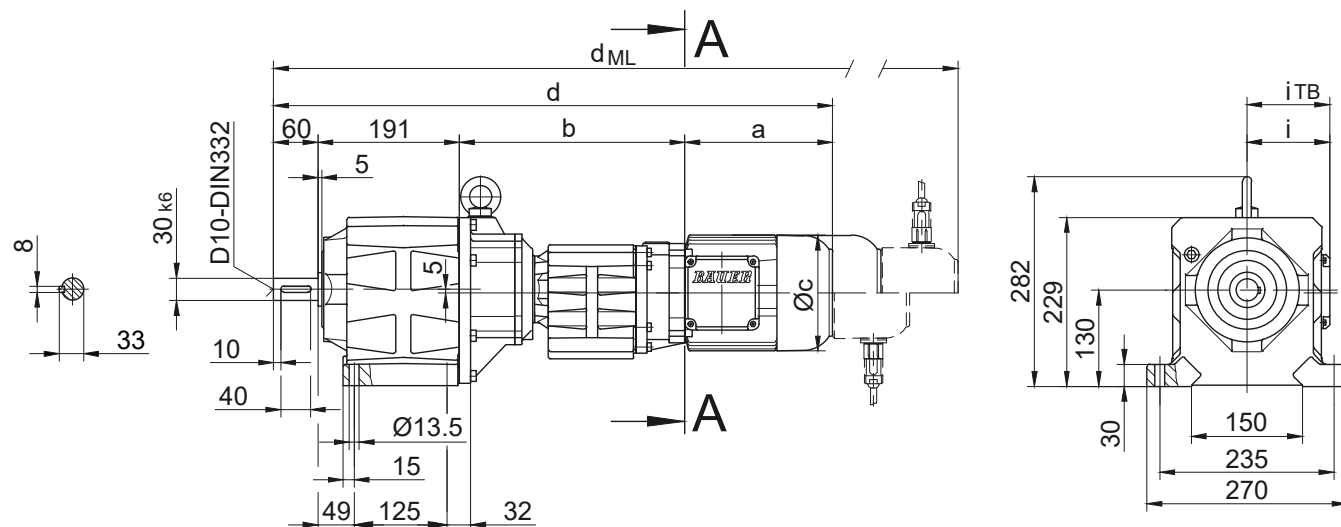
BG-series helical-geared motors

Dimension - Tandem Gearbox

BG40G10

Foot mounting with clearance holes

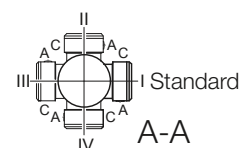
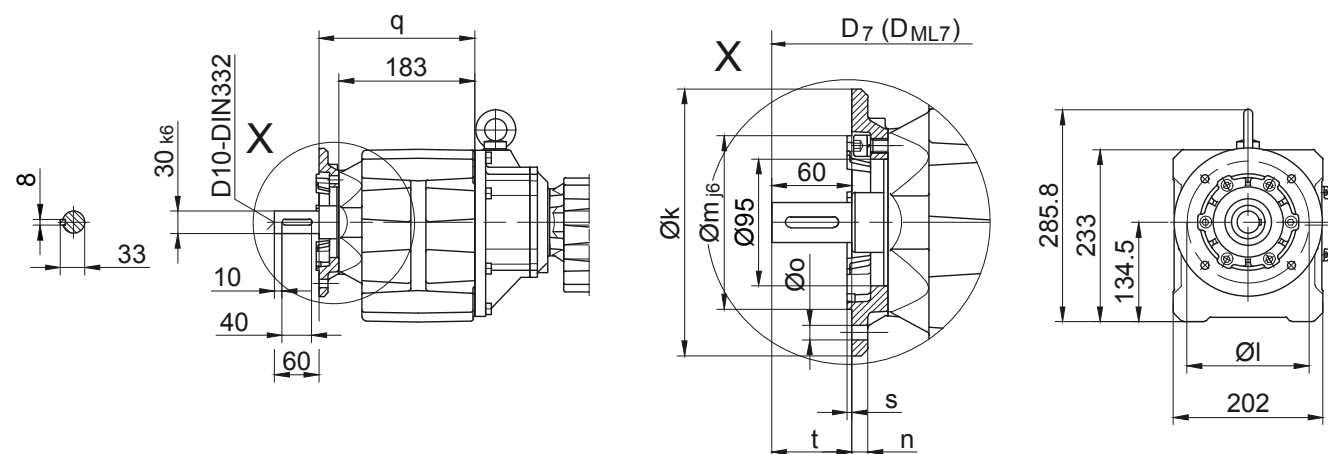
Code -11/



Flange with clearance holes

Code -37/

(Code -47/)



Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D ₇	D _{ML7}
BG40..	Code -37/	200	165	130	12	11	210	3.5	60	d+19	d _{ML} +19
BG40..	Code -47/	250	215	180	16	13.5	219	4	51	d+19	d _{ML} +19

Dimensions in millimetres (mm)

Type	a	b	c	d	i	Design with motor extensions				
						i _{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d _{ML}	d _{ML}	d _{ML}	d _{ML}
BG40G10-../D..05.A.	170.5	300	123	721.5	101.5	117	763.5	824	861.5	-
BG40G10-../D..06.A.	170.5	300	123	721.5	101.5	119	763.5	824	861.5	-
BG40G10-../D..07.A.	190.5	300	123	741.5	101.5	119	783.5	844	881.5	-
BG40G10-../D..08.A.	199.5	304	156	754.5	116	136.5	820.5	866.5	928	820.5
BG40G10-../D..08.B.	229.5	304	156	784.5	116	136.5	850.5	896.5	957.5	850.5
BG40G10-../D..09.A.	250.5	318.5	176	820	125.5	157	913	927.5	1017	913
BG40G10-../D..09.B.	308.5	318.5	176	878	125.5	157	971	985	1075	971

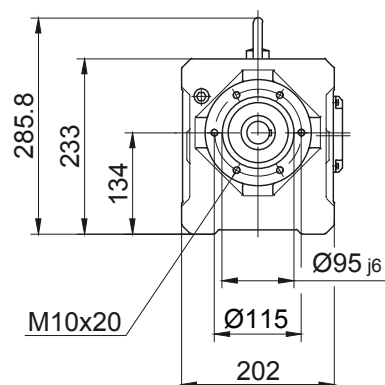
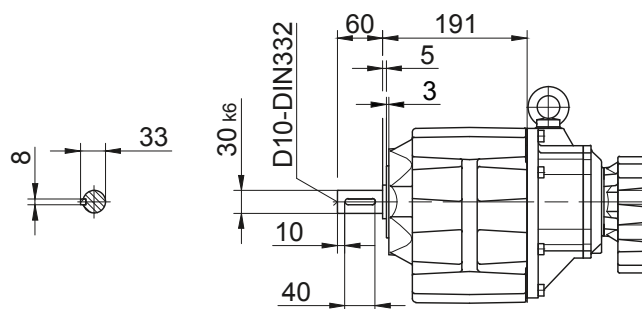
Dimensions in millimetres (mm)

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG40G10

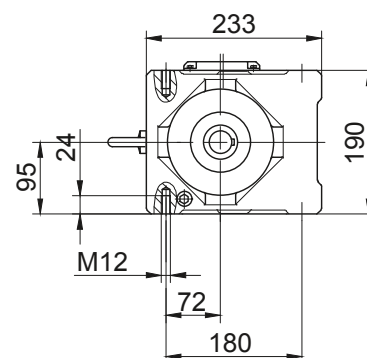
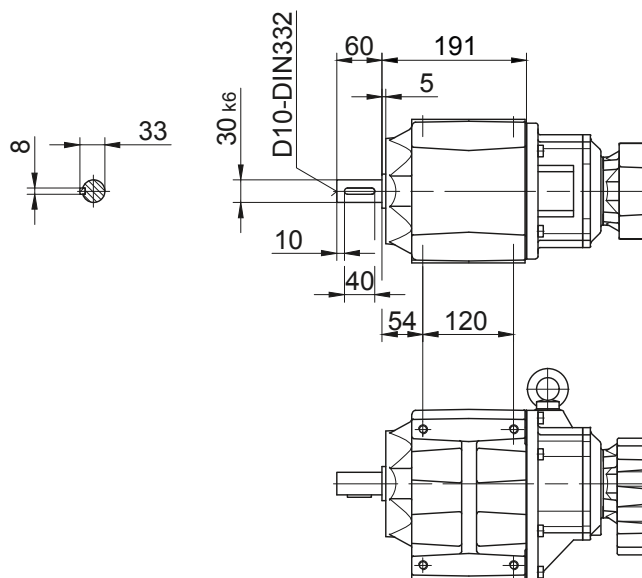
Flange with clearance holes

Code -71/



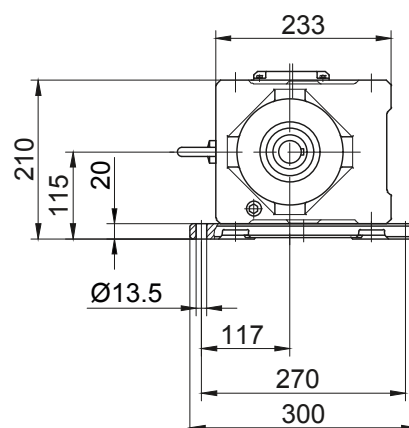
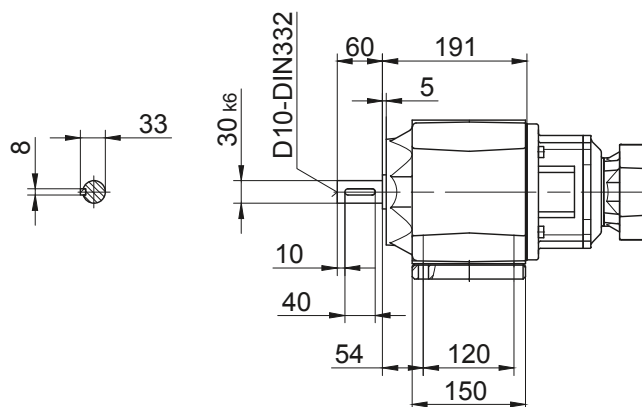
Foot with tapped holes left and right

Code -61LR/



Foot plate left

Code -91L/



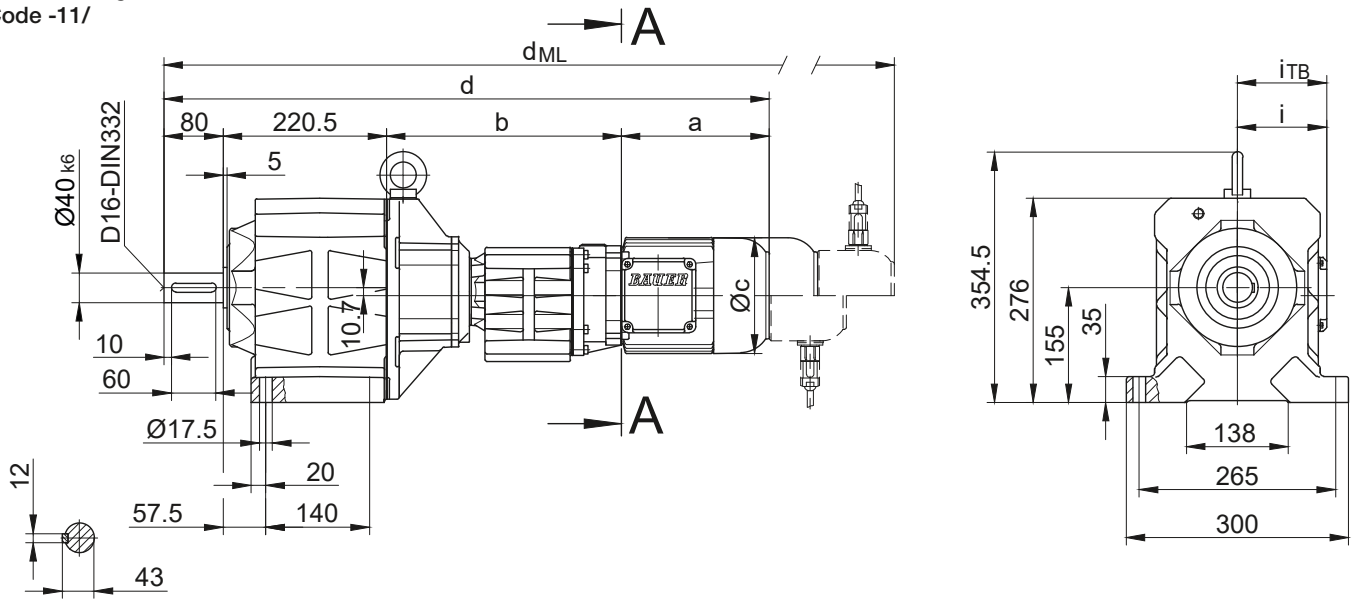
BG-series helical-geared motors

Dimension - Tandem Gearbox

BG50G10

Foot mounting with clearance holes

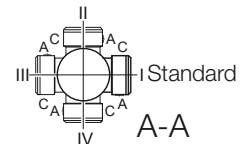
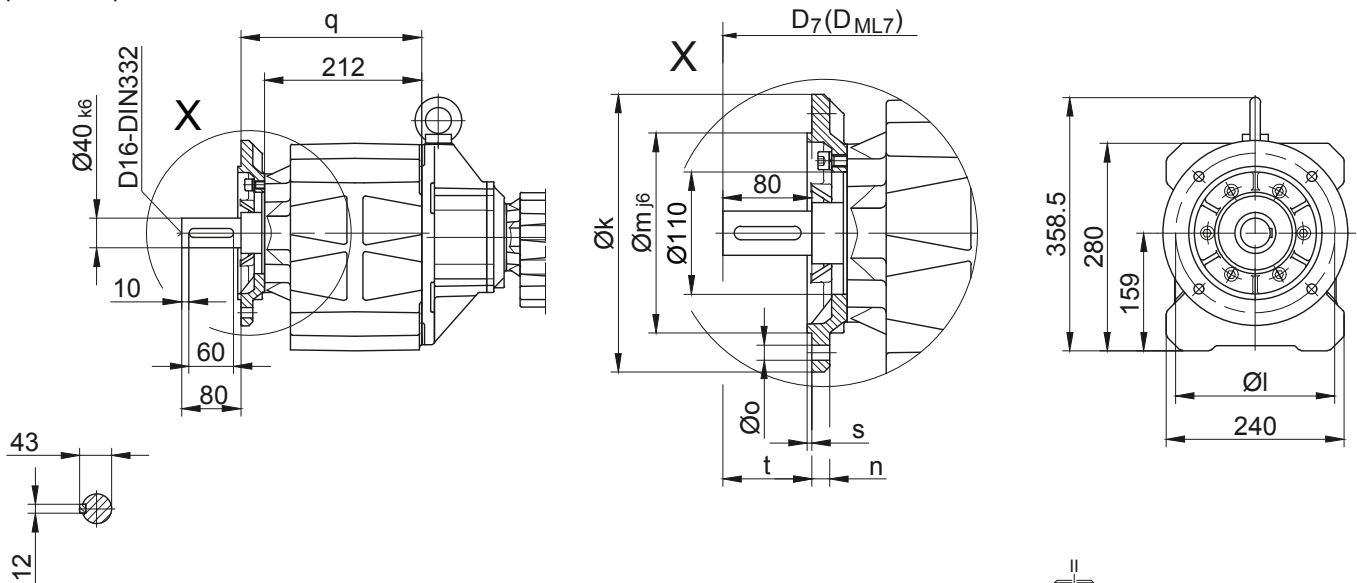
Code -11/



Flange with clearance holes

Code -37/

(Code -27/)



Flange Dimensions

Type	Design	k	l	m	n	o	q	s	t	D_7	D_{ML7}
BG50..	Code -37/	250	215	180	16	13.5	244	4	80	$d_{ML}+23.5$	$d_{ML}+23.5$
BG50..	Code -27/	200	165	130	12	11	241	3.5	83	$d_{ML}+23.5$	$d_{ML}+23.5$

Dimensions in millimetres (mm)

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG50G10-../D..05.A.	170.5	313	123	784	101.5	117	826	886.5	924	-
BG50G10-../D..06.A.	170.5	313	123	784	101.5	119	826	886.5	924	-
BG50G10-../D..07.A.	190.5	313	123	804	101.5	119	846	906.5	944	-
BG50G10-../D..08.A.	199.5	317	156	817	116	136.5	883	929	990.5	883
BG50G10-../D..08.B.	229.5	317	156	847	116	136.5	913	959	1020	913
BG50G10-../D..09.A.	250.5	331.5	176	882.5	125.5	157	975.5	990	1079.5	975.5
BG50G10-../D..09.B.	308.5	331.5	176	940.5	125.5	157	1033.5	1047.5	1137.5	1033.5

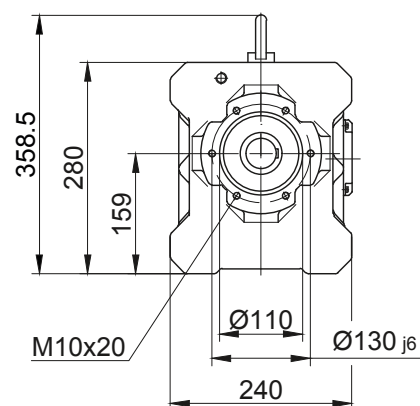
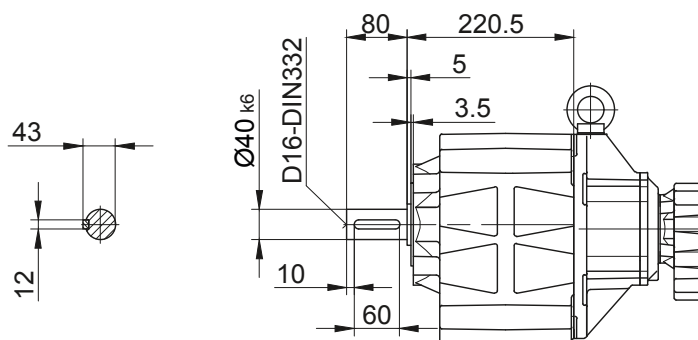
Dimensions in millimetres (mm)

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG50G10

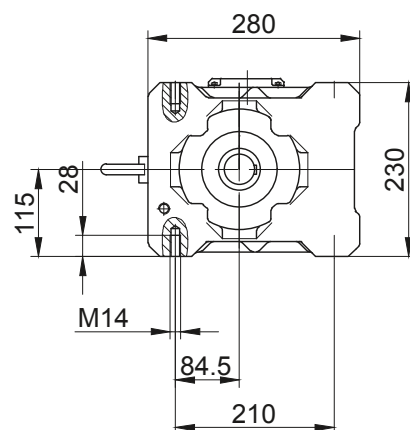
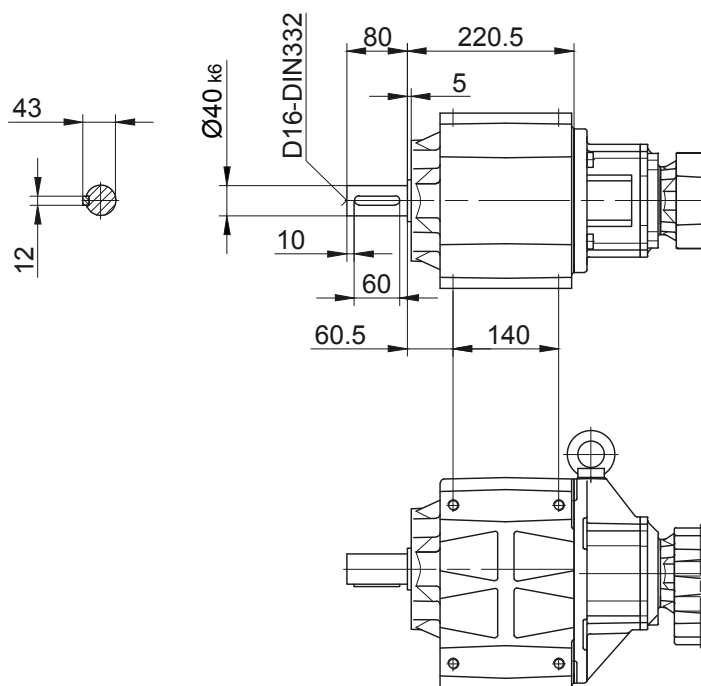
Flange with clearance holes

Code -71/



Foot with tapped holes left and right

Code -61LR/



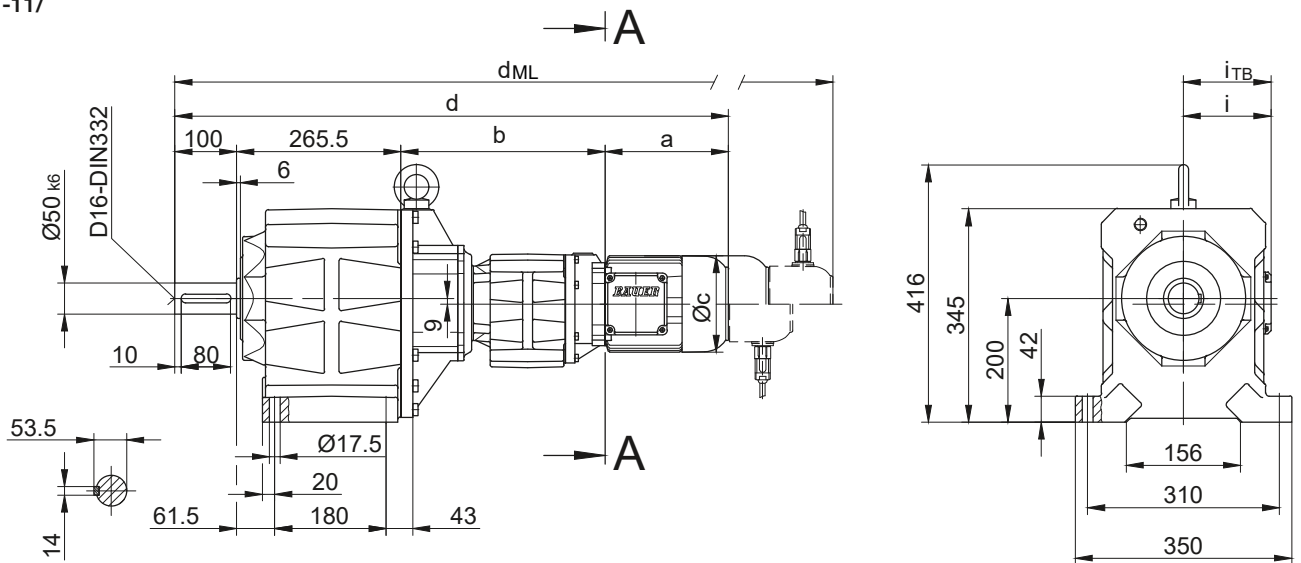
BG-series helical-geared motors

Dimension - Tandem Gearbox

BG60G20

Foot mounting with clearance holes

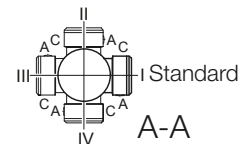
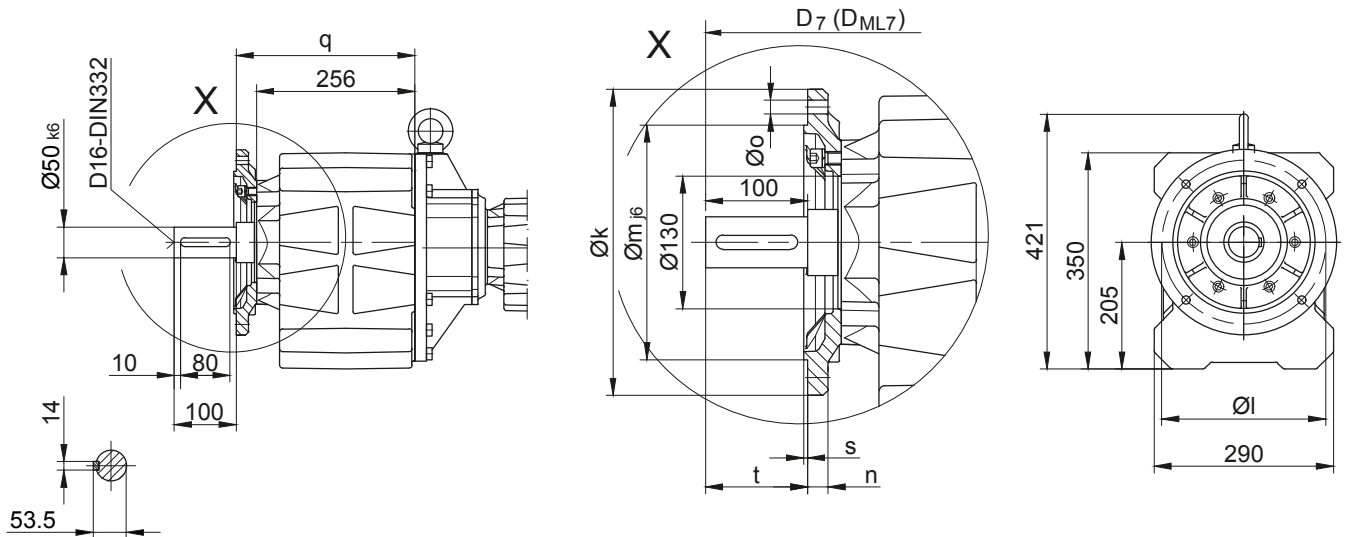
Code -11/



Flange with clearance holes

Code -37/

(Code -27/)



Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D ₇	D _{ML7}
BG60..	Code -37/	300	265	230	20	13.5	289	4	100	d+23.5	d _{ML} +23.5
BG60..	Code -27/	250	215	180	16	13.5	286	4	103	d+23.5	d _{ML} +23.5

Dimensions in millimetres (mm)

Type	a	b	c	d	i	Design with motor extensions				
						i _{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d _{ML}	d _{ML}	d _{ML}	d _{ML}
BG60G20-../D..05.A.	170.5	326	123	862	101.5	117	904	964.5	1002	-
BG60G20-../D..06.A.	170.5	326	123	862	101.5	119	904	964.5	1002	-
BG60G20-../D..07.A.	190.5	326	123	882	101.5	119	924	984.5	1022	-
BG60G20-../D..08.A.	199.5	330	156	895	116	136.5	961	1007	1068.5	961
BG60G20-../D..08.B.	229.5	330	156	925	116	136.5	991	1037	1098	991
BG60G20-../D..09.A.	250.5	344.5	176	960.5	125.5	157	1053.5	1068	1157.5	1053.5
BG60G20-../D..09.B.	308.5	344.5	176	1018.5	125.5	157	1111.5	1125.5	1215.5	1111.5

Dimensions in millimetres (mm)

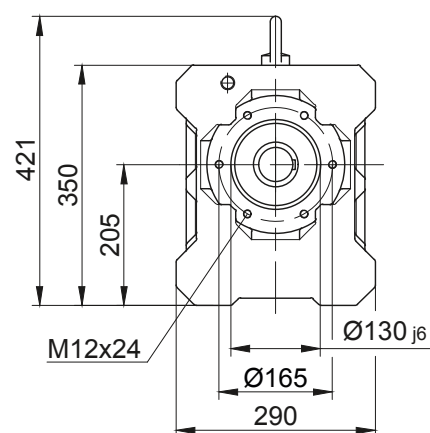
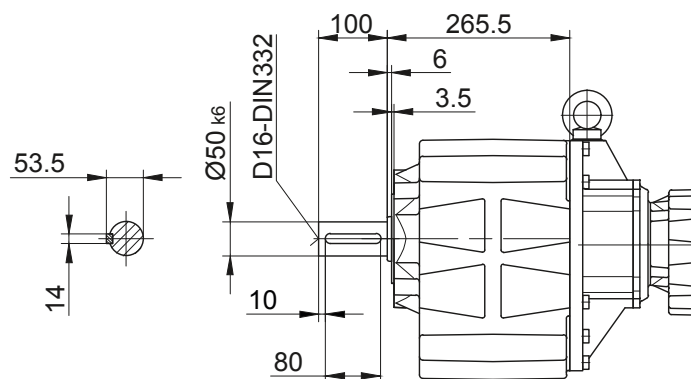
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Dimension - Tandem Gearbox

BG60G20

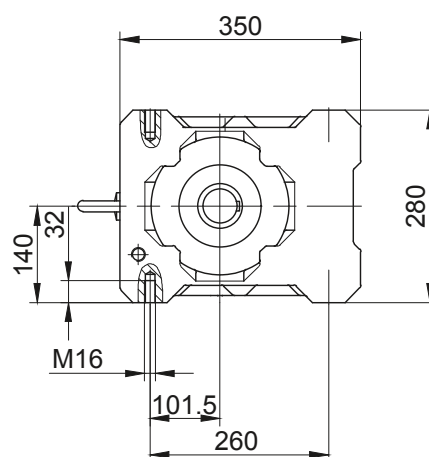
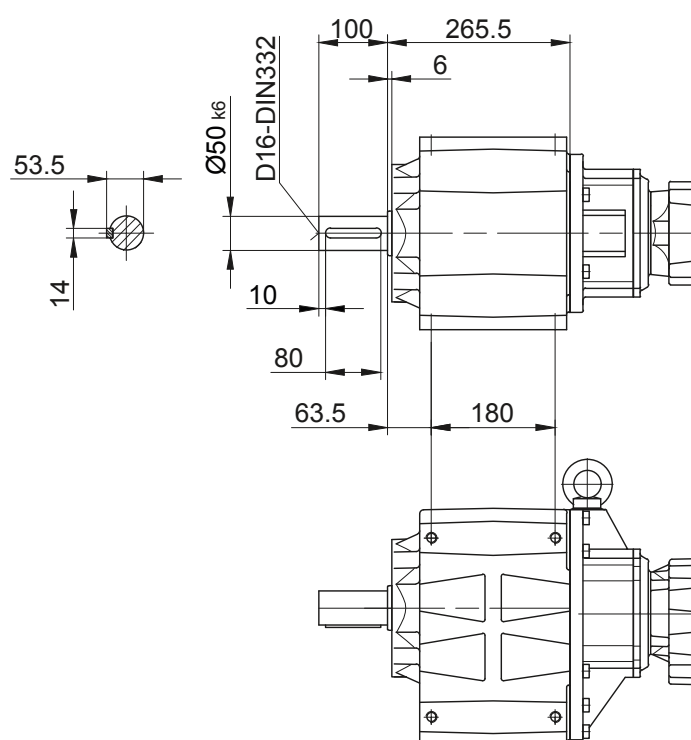
Flange with clearance holes

Code -71/



Foot with tapped holes left and right

Code -61LR/

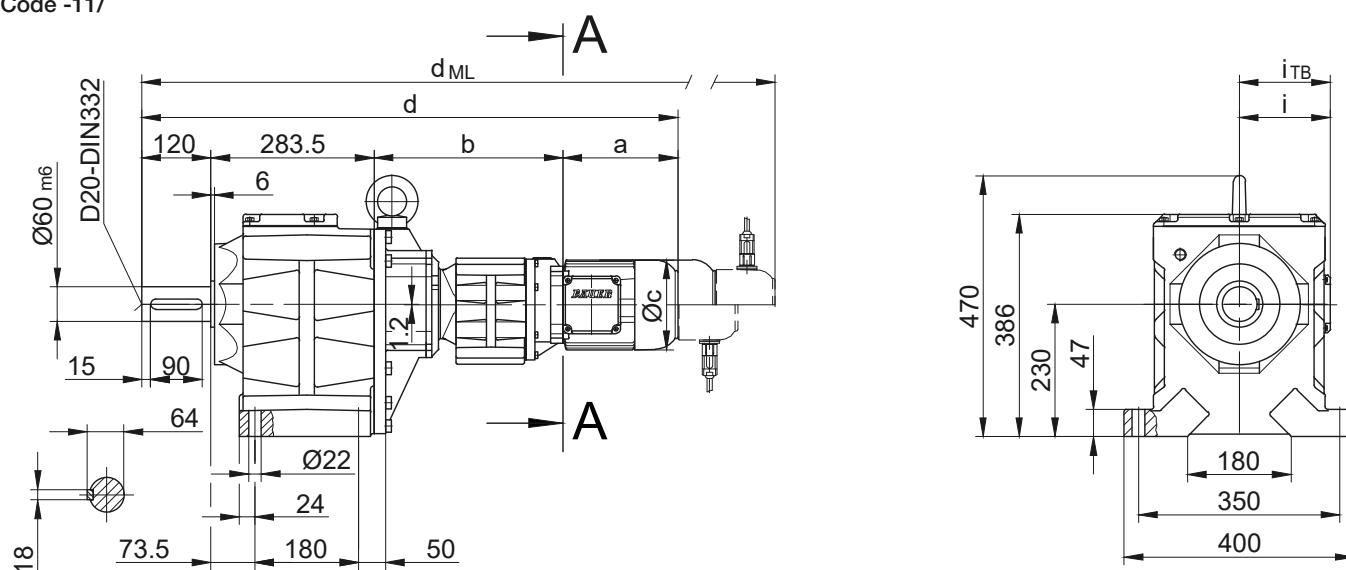


Dimension - Tandem Gearbox

BG70G20

Foot mounting with clearance holes

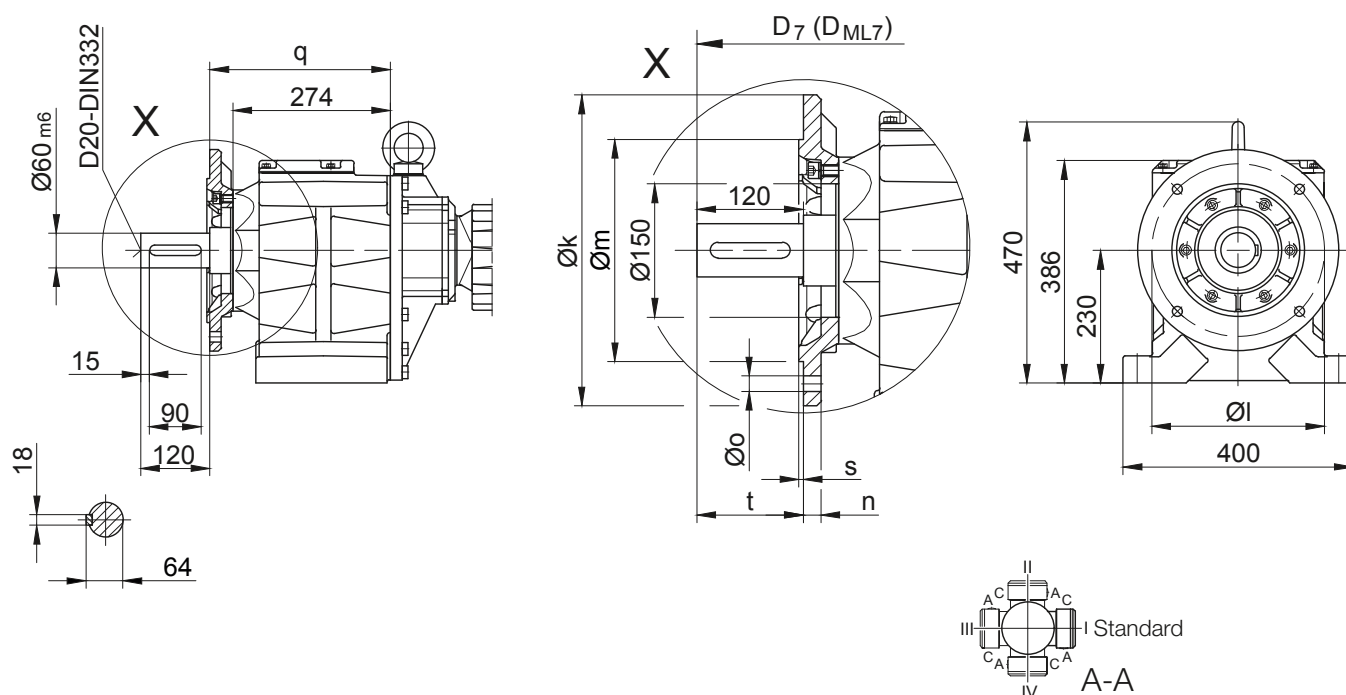
Code -11/



Flange with clearance holes

Code -37/

(Code -27/)



Flange Dimensions

Type	Design	k	l	m	n	o	q	s	t	D ₇	D _{ML7}
BG70..	Code -37/	350	300	250	20	17.5	314	5	120	d+30.5	d _{ML} +30.5
BG70..	Code -27/	300	265	230	20	13.5	322	4	112	d+30.5	d _{ML} +30.5

Dimensions in millimetres (mm)

Type	a	b	c	d	i	Design with motor extensions				
						i _{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d _{ML}	d _{ML}	d _{ML}	d _{ML}
BG70G20-../D..05.A.	170.5	324	123	898	101.5	117	940	1000.5	1038	-
BG70G20-../D..06.A.	170.5	324	123	898	101.5	119	940	1000.5	1038	-
BG70G20-../D..07.A.	190.5	324	123	918	101.5	119	960	1020.5	1058	-
BG70G20-../D..08.A.	199.5	328	156	931	116	136.5	997	1043	1104.5	997
BG70G20-../D..08.B.	229.5	328	156	961	116	136.5	1027	1073	1134	1027
BG70G20-../D..09.A.	250.5	342.5	176	996.5	125.5	157	1089.5	1104	1193.5	1089.5
BG70G20-../D..09.B.	308.5	342.5	176	1054.5	125.5	157	1147.5	1161.5	1251.5	1147.5

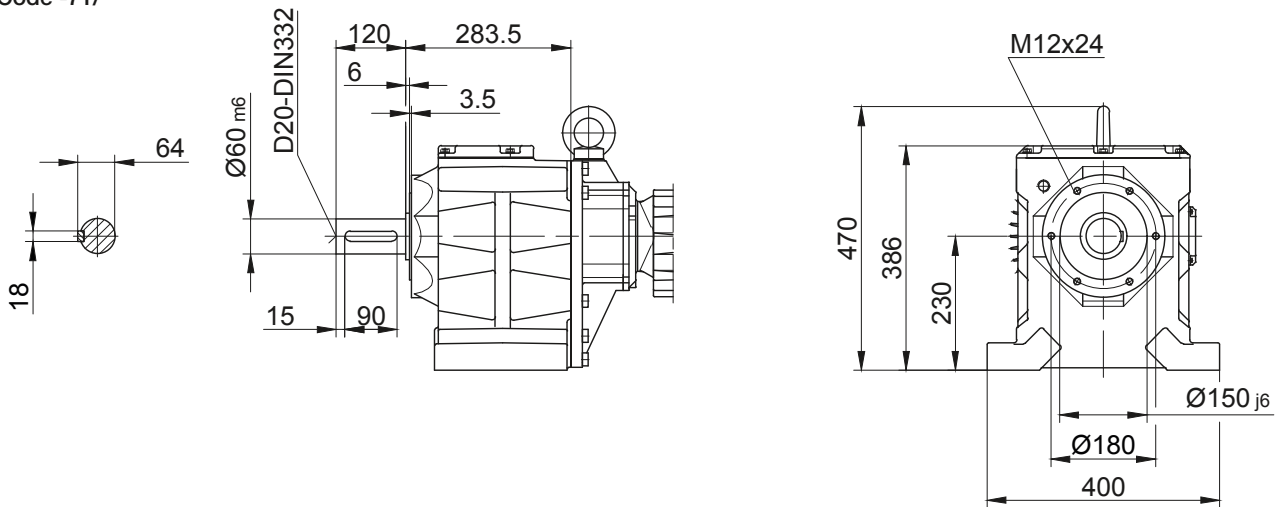
Dimensions in millimetres (mm)

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BG70G20

Flange with clearance holes

Code -71/



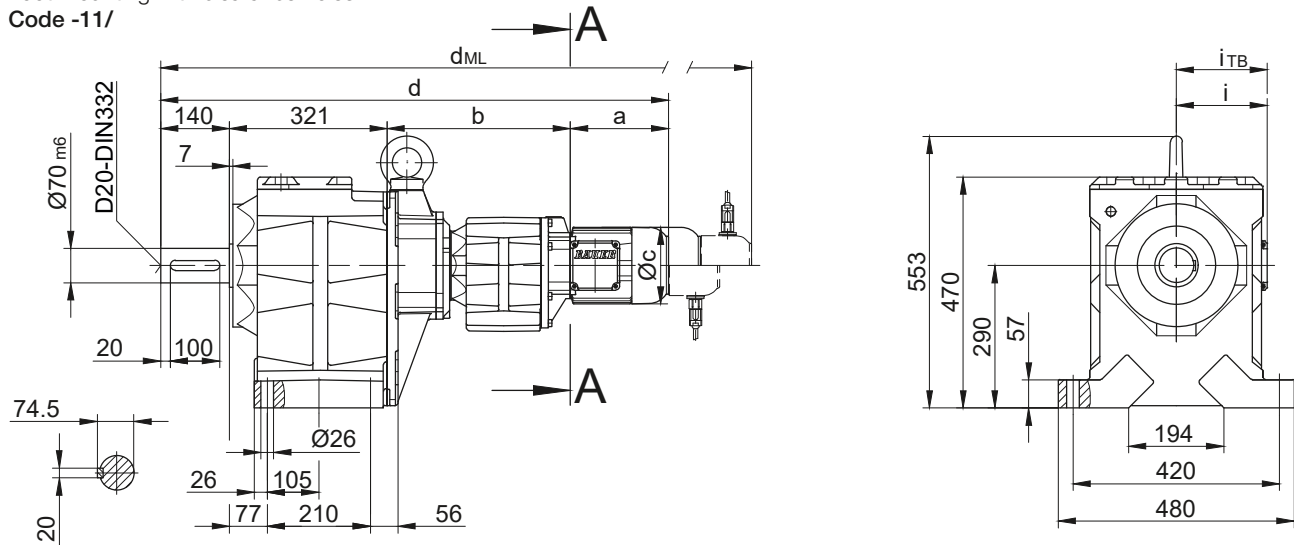
BG-series helical-geared motors

Dimension - Tandem Gearbox

BG80G40

Foot mounting with clearance holes

Code -11/

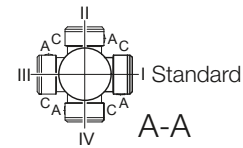
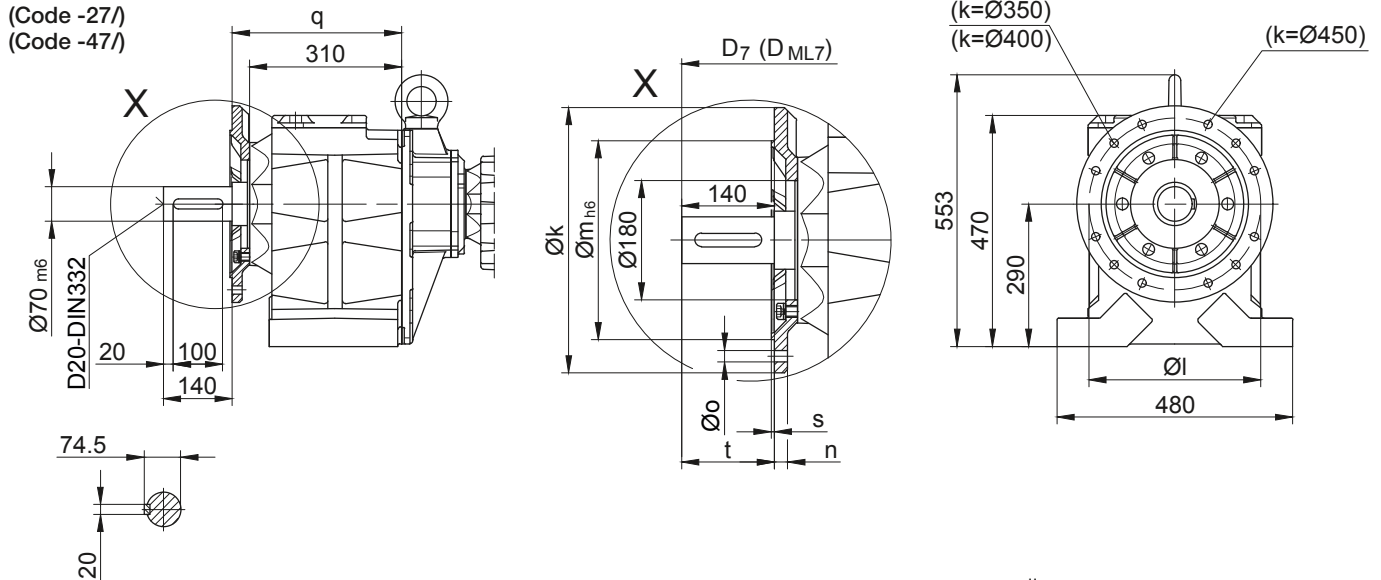


Flange with clearance holes

Code -37/

(Code -27/)

(Code -47/)



Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D ₇	D _{ML7}
BG80..	Code -37/	400	350	300	20	4 x 17.5	345	5	140	d+24	d _{ML} +24
BG80..	Code -27/	350	300	250	20	4 x 17.5	345	5	140	d+24	d _{ML} +24
BG80..	Code -47/	450	400	350	22	8 x 17.5	355	5	130	d+24	d _{ML} +24

Dimensions in millimetres (mm)

Type	a	b	c	d	i	Design with motor extensions				
						i _{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d _{ML}	d _{ML}	d _{ML}	d _{ML}
BG80G40-../D..08.A.	199.5	373	156	1033.5	116	136.5	1099.5	1145.5	1207	1099.5
BG80G40-../D..08.B.	229.5	373	156	1063.5	116	136.5	1129.5	1175.5	1236.5	1129.5
BG80G40-../D..09.A.	250.5	387.5	176	1099	125.5	157	1192	1206.5	1296	1192
BG80G40-../D..09.B.	308.5	387.5	176	1157	125.5	157	1250	1264	1354	1250
BG80G40-../D..11.A.	319	394	218	1174	165	176	1272	1281.5	1374	1272
BG80G40-../D..11.B.	387	394	218	1242	165	176	1338	1349.5	1442	1338

Dimensions in millimetres (mm)

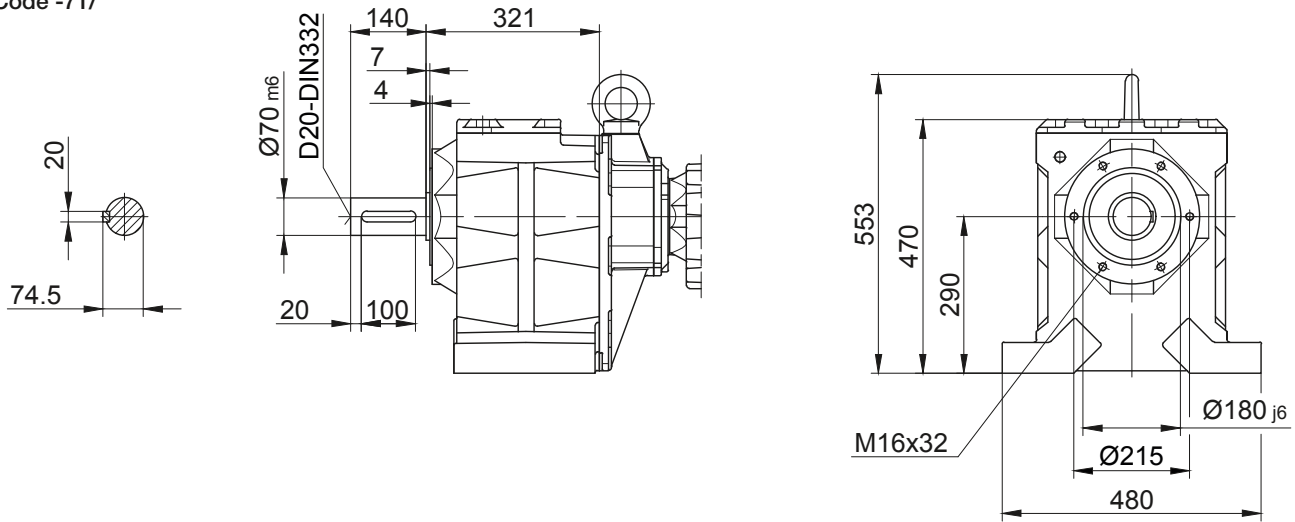
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Dimension - Tandem Gearbox

BG80G40

Flange with clearance holes

Code -71/



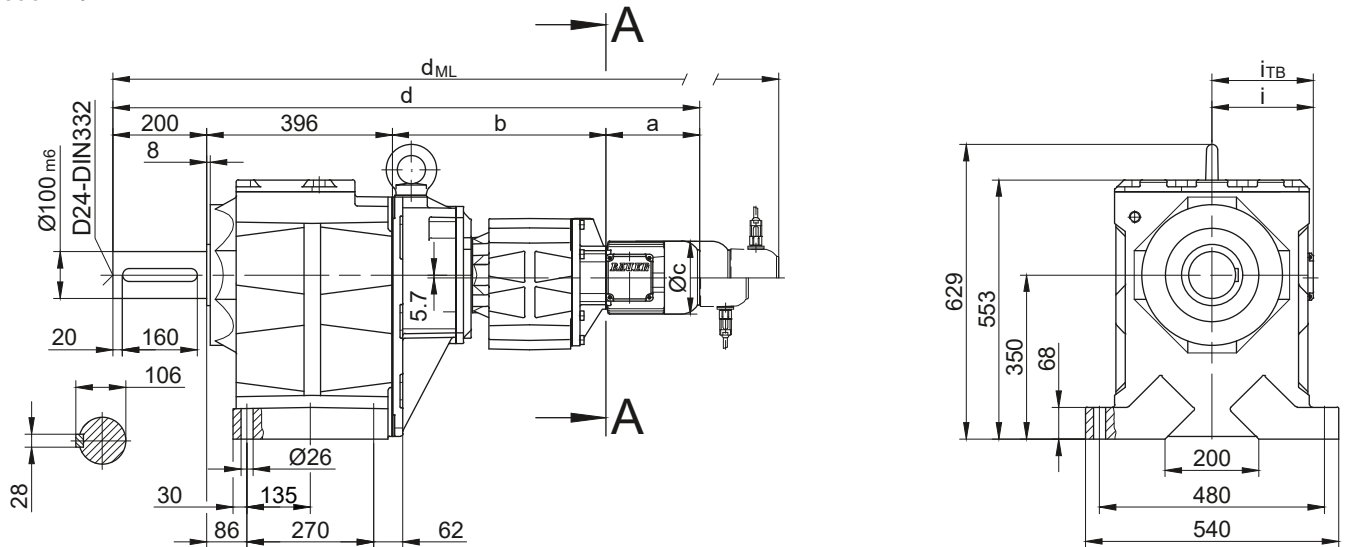
BG-series helical-geared motors

Dimension - Tandem Gearbox

BG90G50

Foot mounting with clearance holes

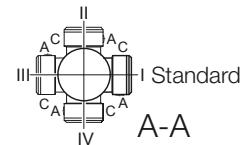
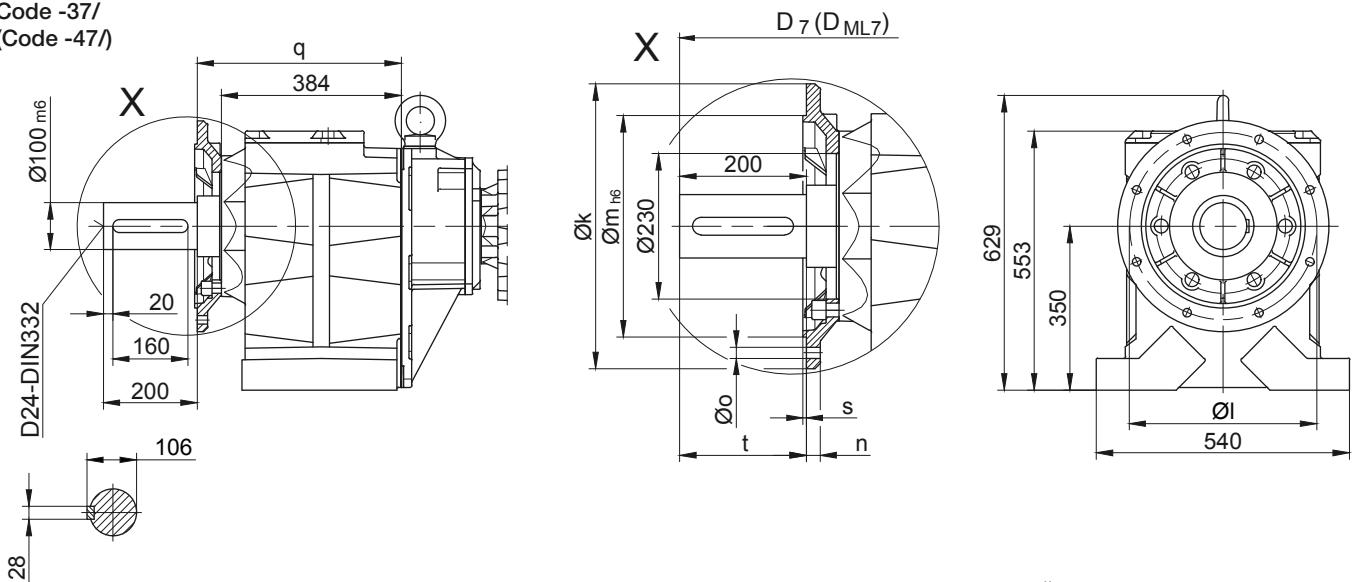
Code -11/



Flange with clearance holes

Code -37/

(Code -47/)



Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D ₇	D _{ML7}
BG90..	Code -37/	450	400	350	22	17.5	439	5	200	d+43	d _{ML} +43
BG90..	Code -47/	550	500	450	22	17.5	444	5	195	d+43	d _{ML} +43

Dimensions in millimetres (mm)

Type	a	b	c	d	i	Design with motor extensions				
						i _{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d _{ML}	d _{ML}	d _{ML}	d _{ML}
BG90G50-../D..08.A.	199.5	456	156	1251.5	116	136.5	1317.5	1363.5	1425	1317.5
BG90G50-../D..08.B.	229.5	456	156	1281.5	116	136.5	1347.5	1393.5	1454.5	1347.5
BG90G50-../D..09.A.	250.5	470.5	176	1317	125.5	157	1410	1424.5	1514	1410
BG90G50-../D..09.B.	308.5	470.5	176	1375	125.5	157	1468	1482	1572	1468
BG90G50-../D..11.A.	319	477	218	1392	165	176	1490	1499.5	1592	1490
BG90G50-../D..11.B.	387	477	218	1460	165	176	1556	1567.5	1660	1556
BG90G50-../D..13.A.	393	490	258	1479	217	217	1590	1586	1691	1587
BG90G50-../D..16.B.	454.5	504	310	1554.5	243	243	1698	1661.5	1801.5	1698
BG90G50-../D..18.B.	542	526	348	1664	288	288	1813.5	1769.5	1917	1813.5

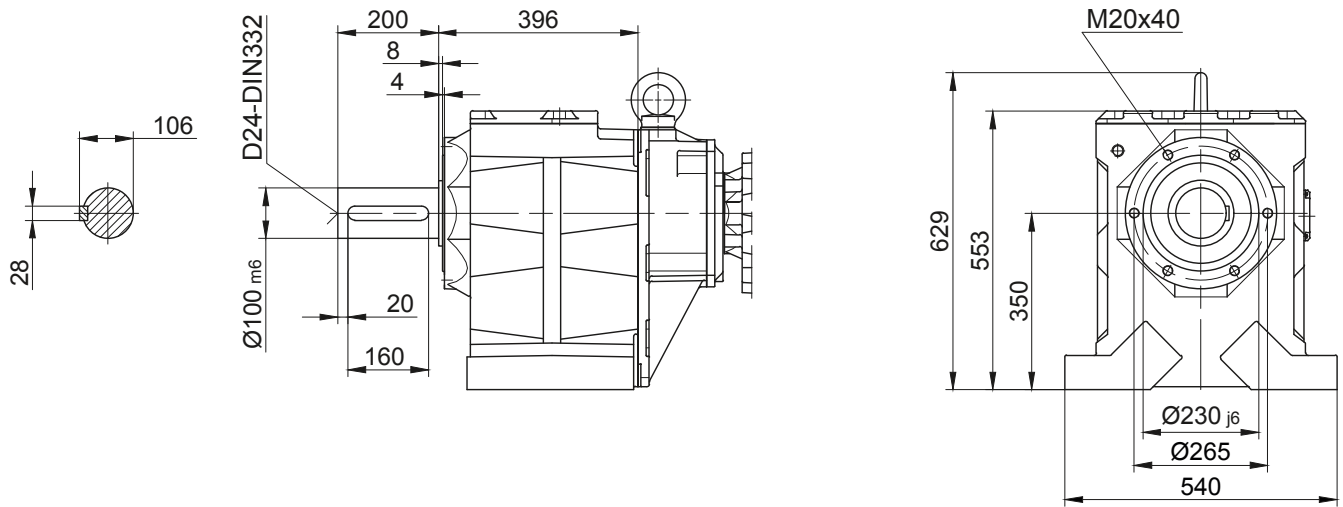
Dimensions in millimetres (mm)

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BG90G50

Flange with clearance holes

Code -71/



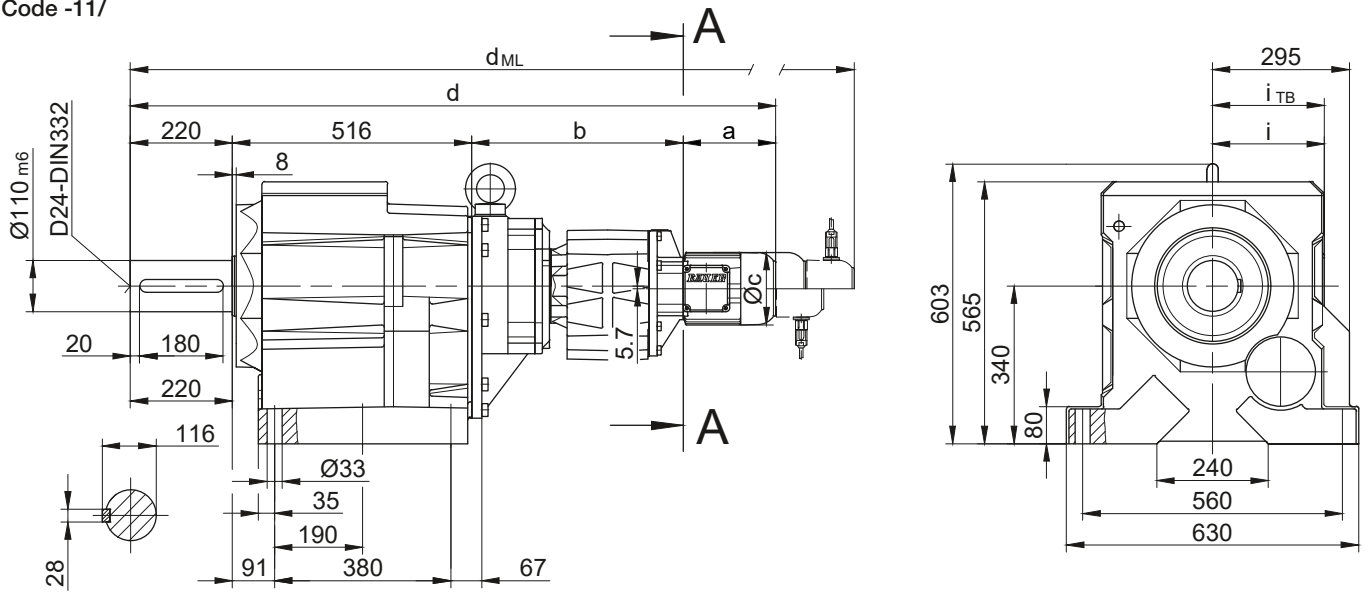
BG-series helical-geared motors

Dimension - Tandem Gearbox

BG100G50

Foot mounting with clearance holes

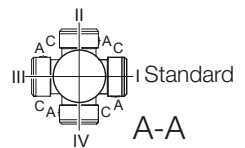
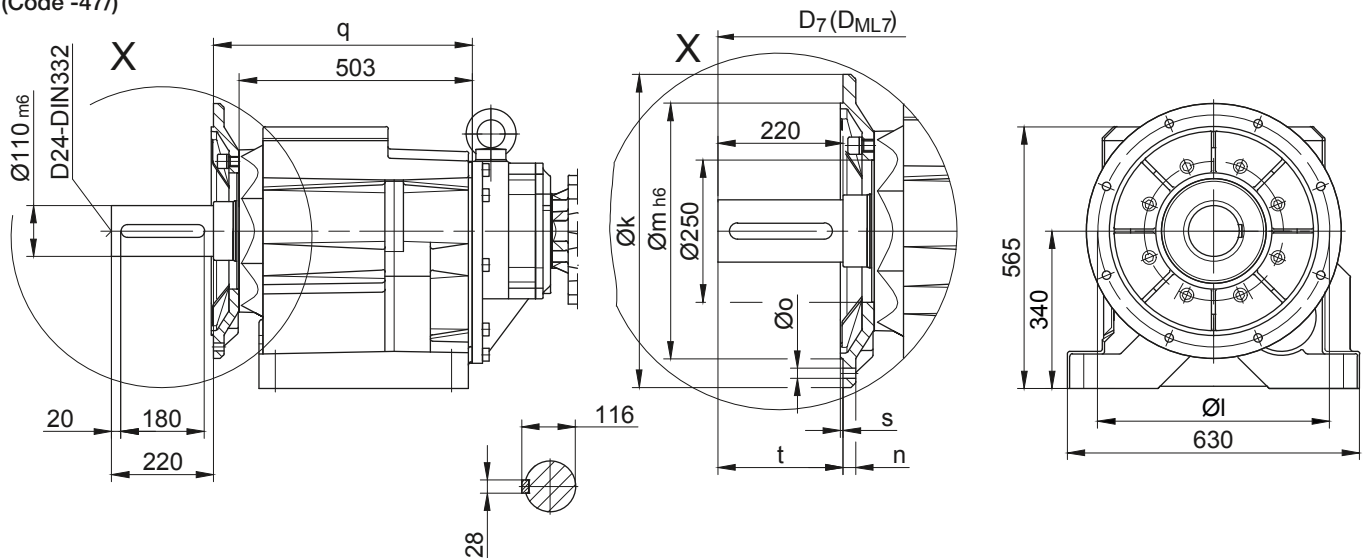
Code -11/



Flange with clearance holes

Code -37/

(Code -47/)



Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D_7	D_{ML7}
BG100..	Code -37/	550	500	450	22	17.5	558	5	220	$d+42$	$d_{ML}+42$
BG100..	Code -47/	660	600	550	25	22	552	6	226	$d+42$	$d_{ML}+42$

Dimensions in millimetres (mm)

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG100G50-../D..08.A.	199.5	456	156	1391.5	116	136.5	1457.5	1503.5	1565	1457.5
BG100G50-../D..08.B.	229.5	456	156	1421.5	116	136.5	1487.5	1533.5	1594.5	1487.5
BG100G50-../D..09.A.	250.5	470.5	176	1457	125.5	157	1550	1564.5	1654	1550
BG100G50-../D..09.B.	308.5	470.5	176	1515	125.5	157	1608	1622	1712	1608
BG100G50-../D..11.A.	319	477	218	1532	165	176	1630	1639.5	1732	1630
BG100G50-../D..11.B.	387	477	218	1600	165	176	1696	1707.5	1800	1696
BG100G50-../D..13.A.	393	490	258	1619	217	217	1730	1726	1831	1727
BG100G50-../D..16.B.	454.5	504	310	1694.5	243	243	1838	1801.5	1941.5	1838
BG100G50-../D..18.B.	542	526	348	1804	288	288	1953.5	1909.5	2057	1953.5

Dimensions in millimetres (mm)

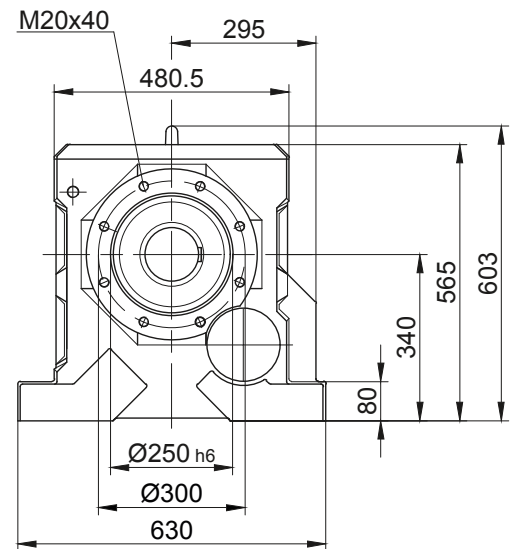
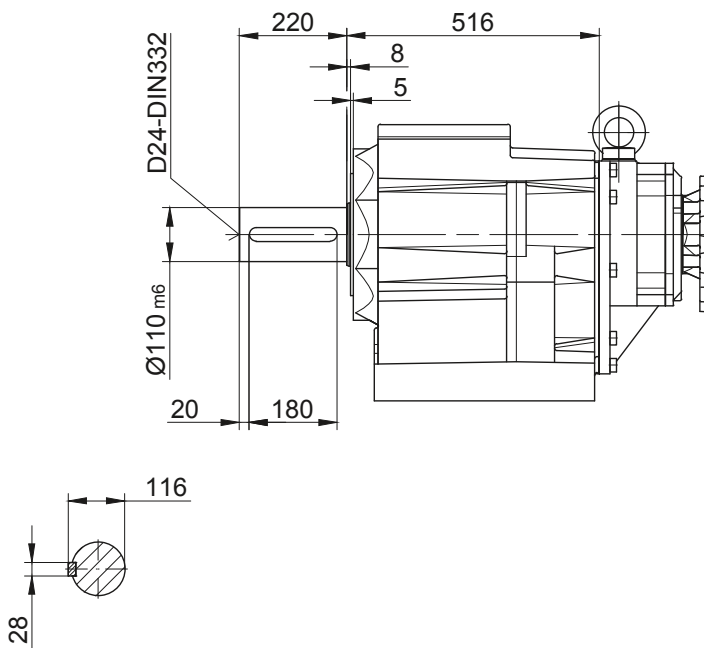
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Dimension - Tandem Gearbox

BG100G50

Flange with clearance holes

Code -71/



Energy Efficient Geared Motors

AC Line Operated
