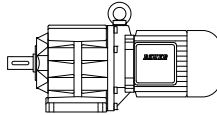


10



Page

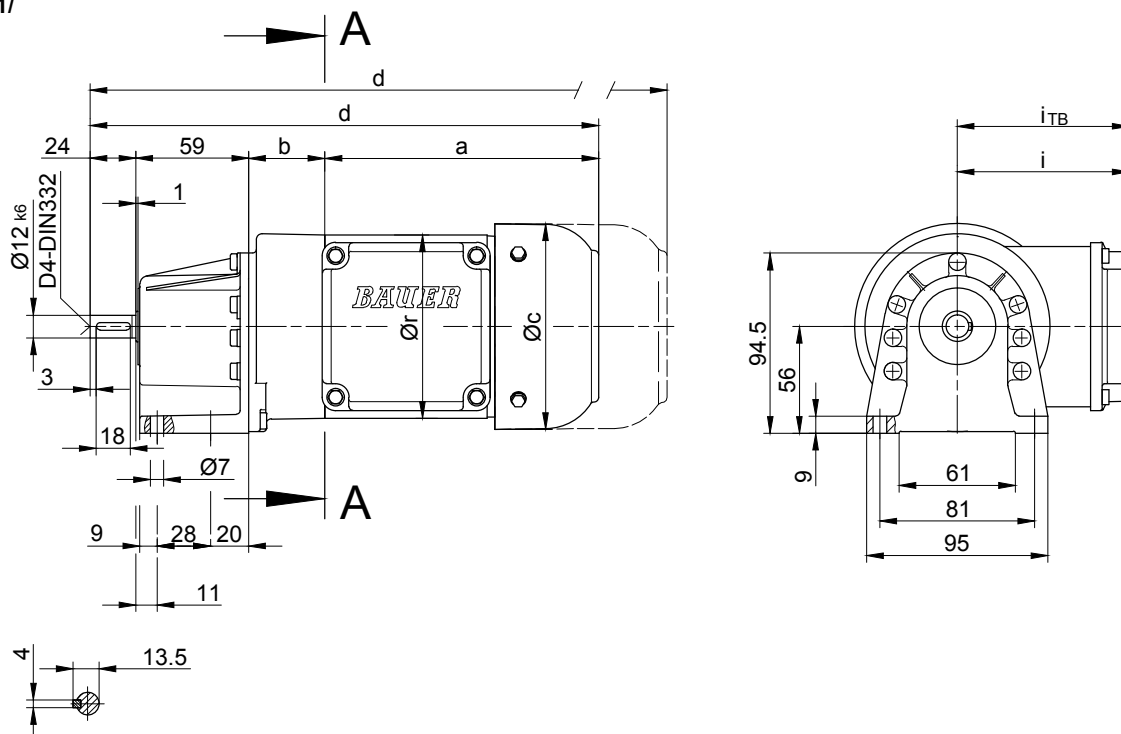
Dimensional drawings helical-gear motors

207-260

- Standard
- Tandem Gearbox

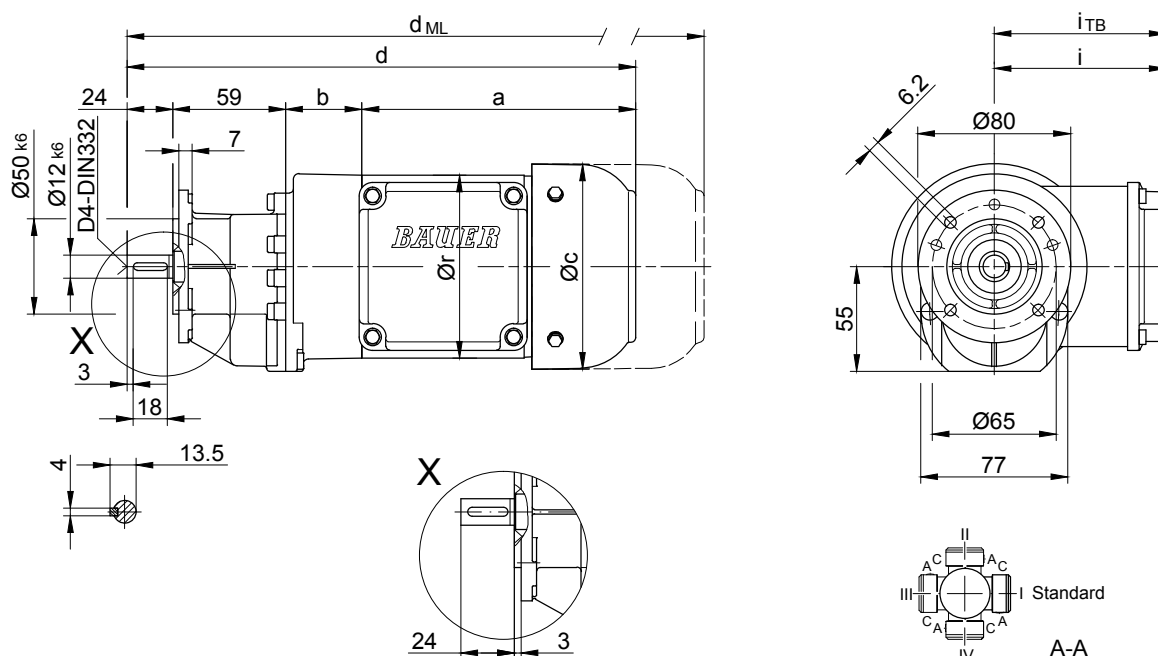
Foot mounting

Code -11/



Flange with clearance holes

Code -31/



10

Type	a	b	c	d	i	r	Design with motor extensions			
							i _{TB}	E.. d _{ML}	G d _{ML}	E..-G d _{ML}
BG04-../D04..	143	40	111	266	90	96	112	309.5	328.5	371.5
										-

The actual gearbox design can vary from the geometry shown.

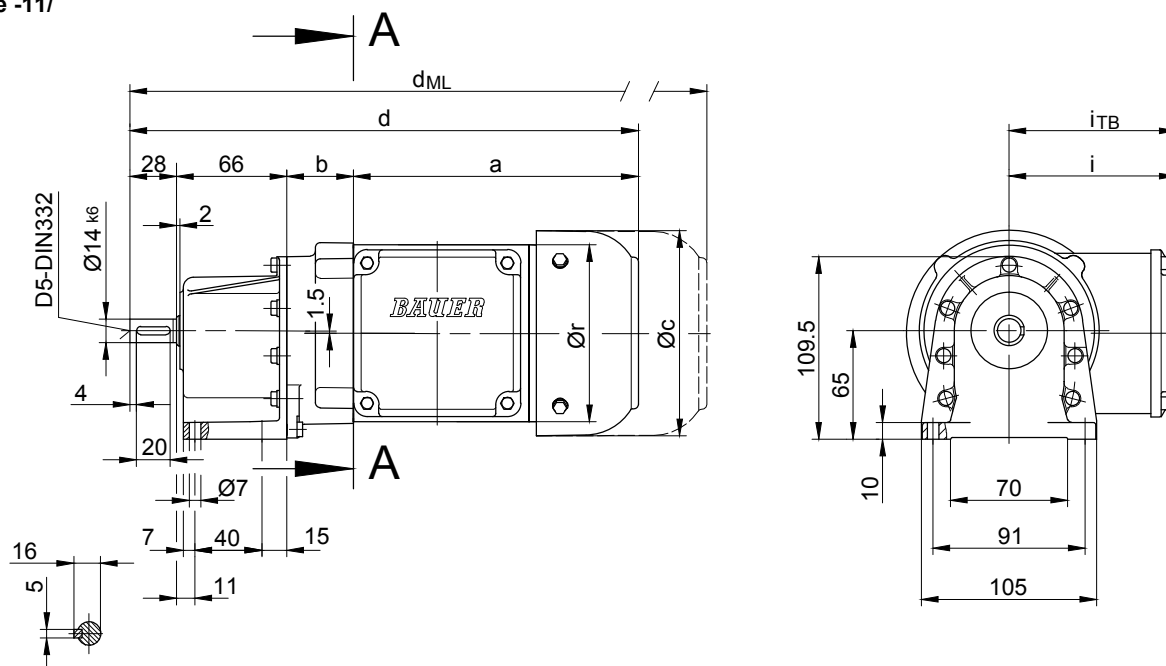
BG-series helical-geared motors

Dimension

BG05

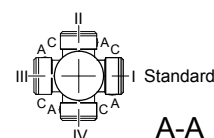
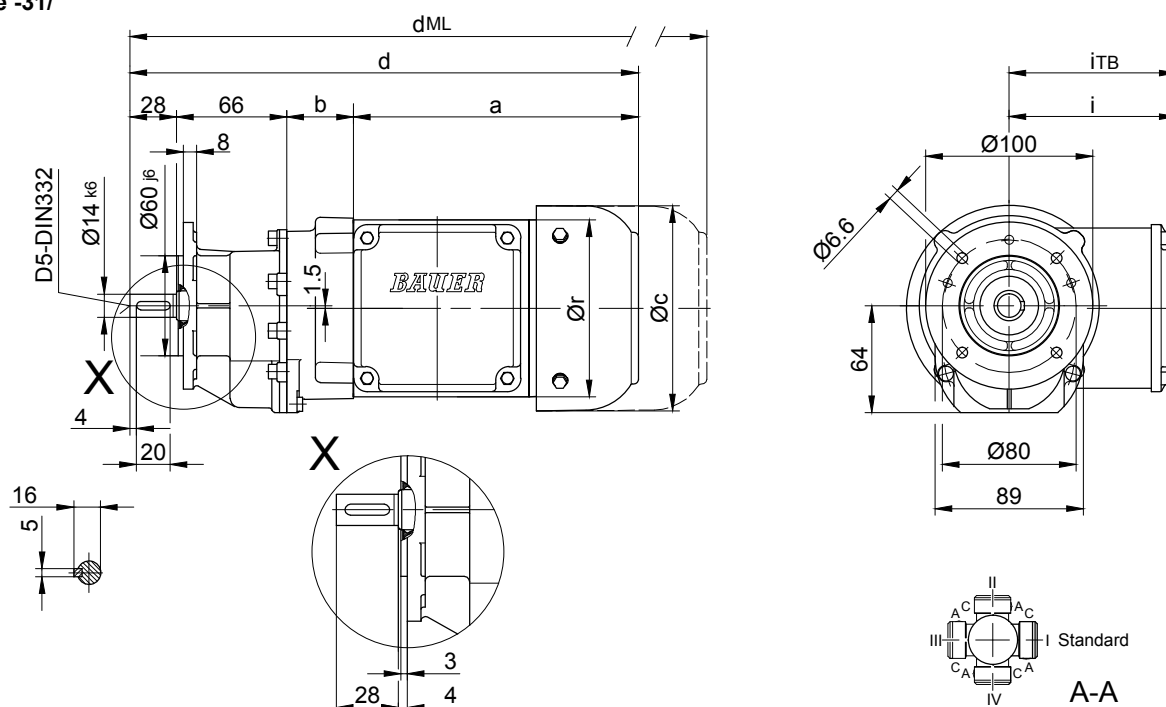
Foot mounting

Code -11/



Flange with clearance holes

Code -31/

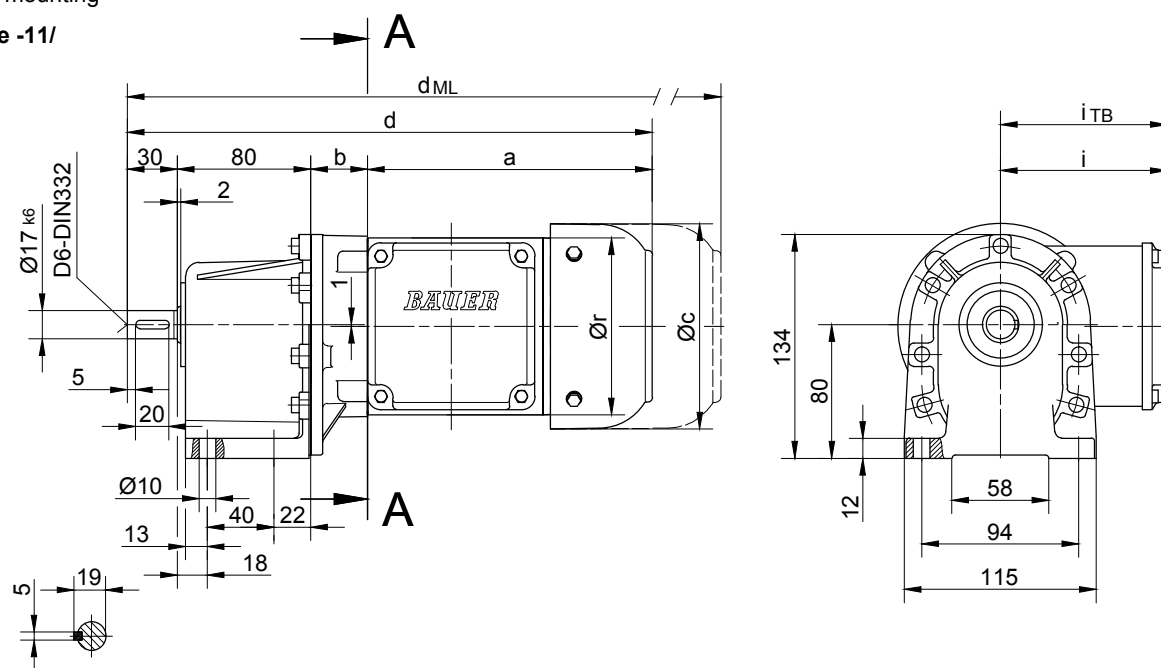


Type	a	b	c	d	i	r	Design with motor extensions				
							iTB	E... d _{ML}	G d _{ML}	E..-G d _{ML}	RR/RL d _{ML}
BG05-../D04..	143	38	111	275	90	96	112	318.5	337.5	380.5	-
BG05-../D05..	170	40	123	304	100	106	117	346	407	448.5	-
BG05-../D06..	170	40	123	304	100	121	119	346	407	448.5	-
BG05-../D07..	190	40	123	324	100	121	119	366	427	468.5	-

The actual gearbox design can vary from the geometry shown.

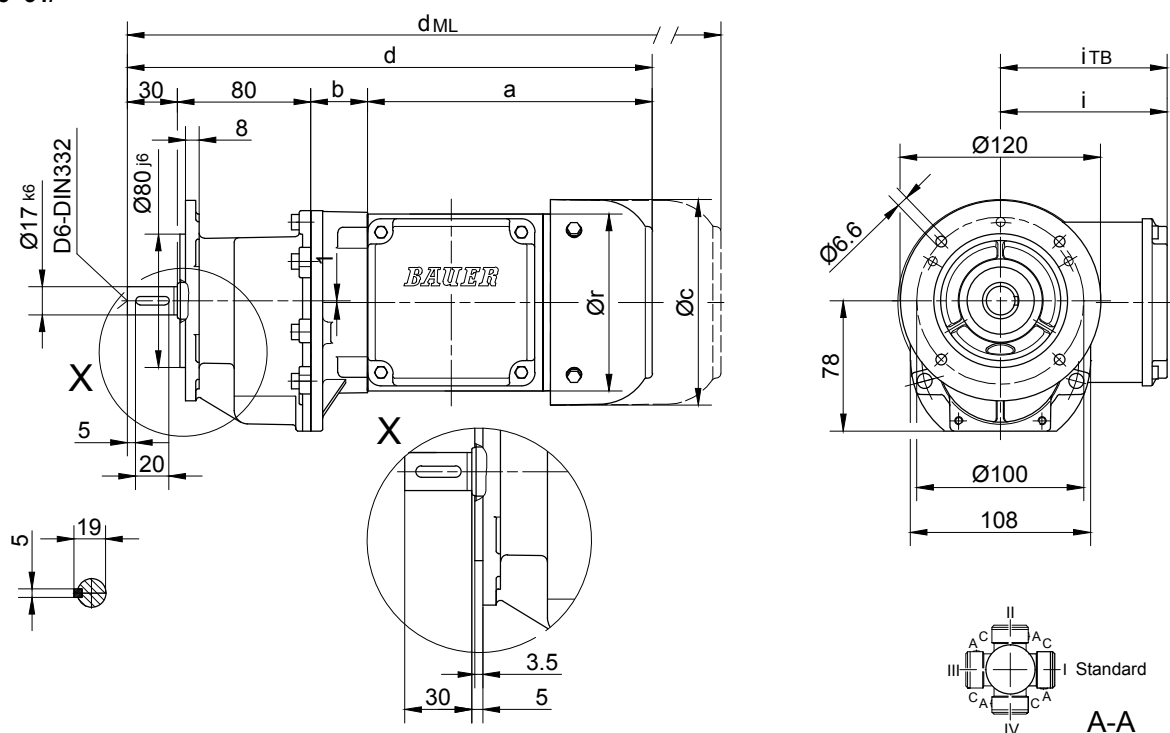
Foot mounting

Code -11/



Flange with clearance holes

Code -31/



10

Type	a*	b	c	d*	i	r	Design with motor extensions				
							iTB	E../ES.. d _{ML} *	G d _{ML} *	E../ES..-G d _{ML} *	RR/RL d _{ML} *
BG06-../D04..	143	32	111	285	90	96	112	328.5	347.5	390.5	-
BG06-../D05..	170	34	123	314	100	106	117	356	417	458.5	-
BG06-../D06..	170	34	123	314	100	121	119	356	417	458.5	-
BG06-../D07..	190	34	123	334	100	121	119	376	437	478.5	-
BG06-../D..08..	200	78	156	388	115	156	136.5	454	495	561.5	454



The dimensions "a*", "d*" and "d_{ML}" change dependent on the motor design.
Design state "A" = Standard Length
 Type Example: BK70-74V/DPE08XA4
 Comment: No change to the dimensions shown

Design state "B" = Extended Length
 Type Example: BK70-74V/DPE08XB4
 Comment: Motor length changes please see Chapter 16 - Additional dimension sheet - Motor Length Comparison

The actual gearbox design can vary from the geometry shown.

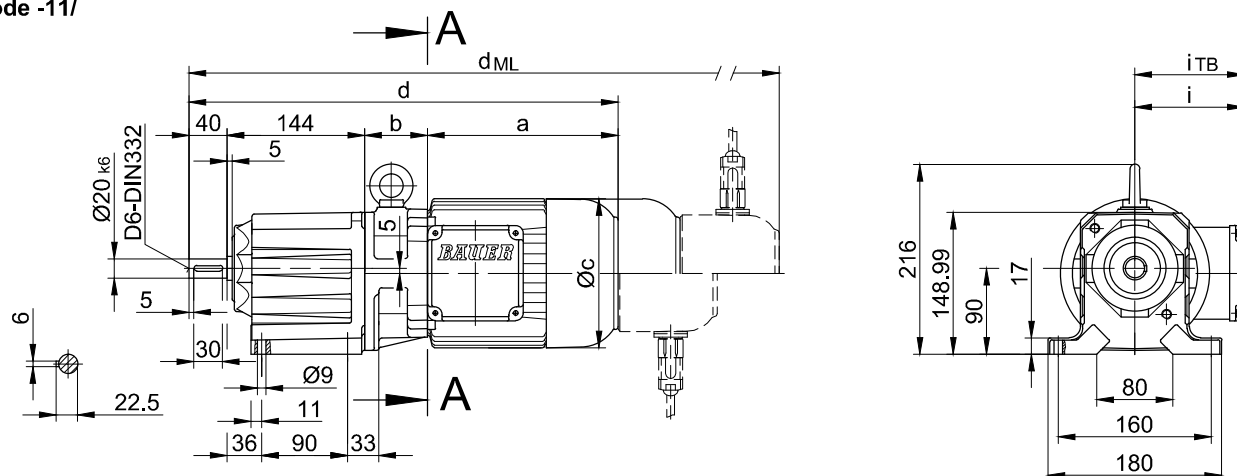
BG-series helical-geared motors

Dimension

BG10 - BG10Z

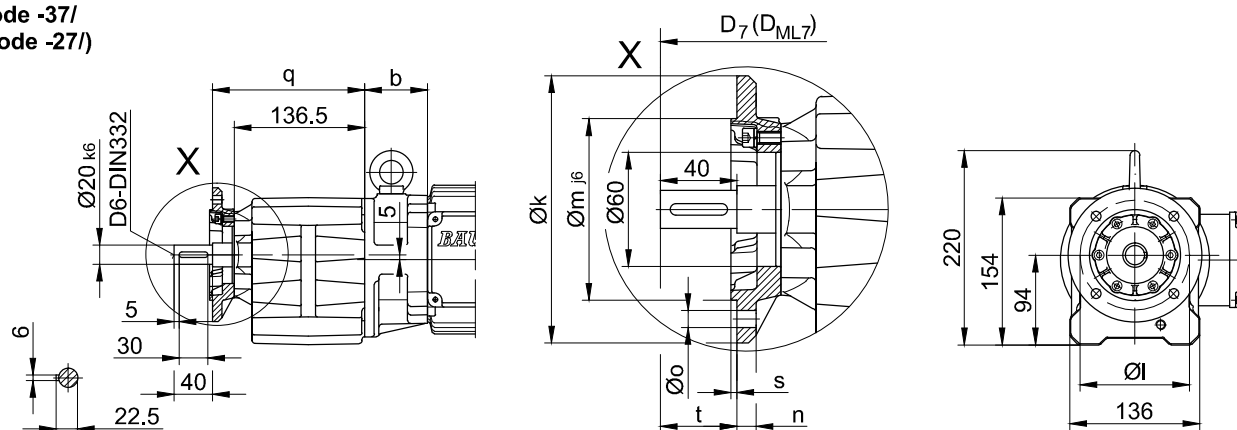
Foot mounting with clearance holes

Code -11/



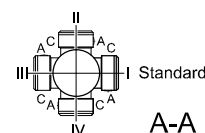
Flange with clearance holes

Code -37/
(Code -27/)



Flange dimensions

BG10(Z)	k	l	m	n	o	q	s	t	D ₇	D _{ML7}
Standard -37/	140	115	95	10	9	159.5	3	40	d+15.5	d _{ML} +15.5
small -27/	120	100	80	8	6.6	154.5	3	45	d+15.5	d _{ML} +15.5



Type	a*	b	c	d*	i	Design with motor extensions				
						i _{TB}	E../ES..	G	E../ES..-G	RR/RL
							d _{ML} *	d _{ML} *	d _{ML} *	d _{ML} *
BG10Z../D04..	143	86	111	413	90	112	456.5	475.5	518.5	-
BG10../D05..	170	62	123	416	100	117	458	519	560.5	-
BG10Z../D05..	170	88	123	442	100	117	484	545	586.5	-
BG10../D06..	170	62	123	416	100	119	458	519	560.5	-
BG10Z../D06..	170	88	123	442	100	119	484	545	586.5	-
BG10../D07..	190	62	123	436	100	119	478	539	580.5	-
BG10Z../D07..	190	88	123	462	100	119	504	565	606.5	-
BG10../D..08..	200	66	156	450	115	136.5	516	557	623.5	516
BG10Z../D..08..	200	132	156	516	115	136.5	582	623	689.5	582
BG10../D..09..	251	80.5	181	515.5	124	158	608.5	622.5	713	608.5



The dimensions "a*", "d*" and "d_{ML}*" change dependent on the motor design.
Design state "A" = Standard Length
Type Example: BK70-74V/DPE08XA4
Comment: No change to the dimensions shown

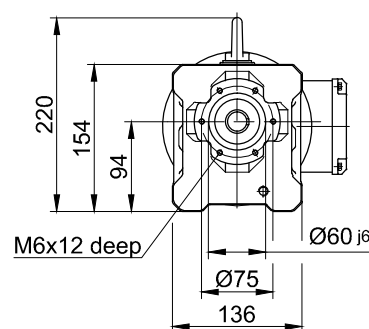
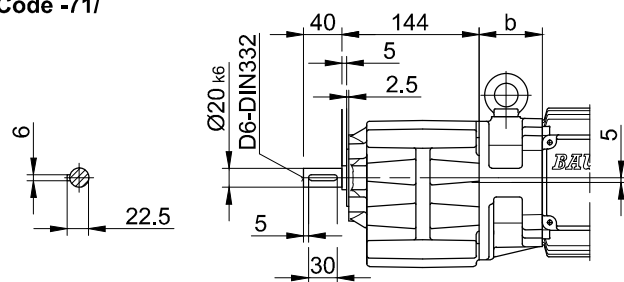
Design state "B" = Extended Length
Type Example: BK70-74V/DPE08XB4
Comment: Motor length changes please see Chapter 16 - Additional dimension sheet - Motor Length Comparison

The actual gearbox design can vary from the geometry shown.

BG10 - BG10Z

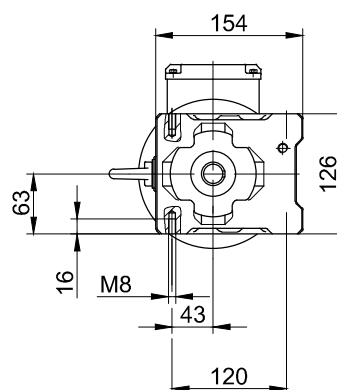
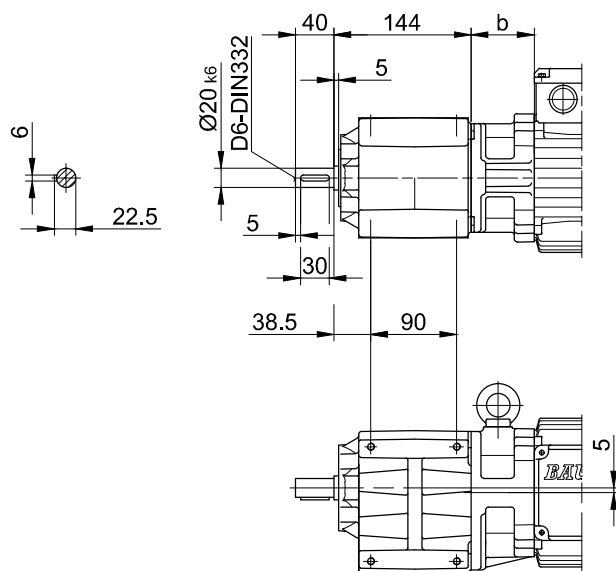
Flange with tapped holes

Code -71/



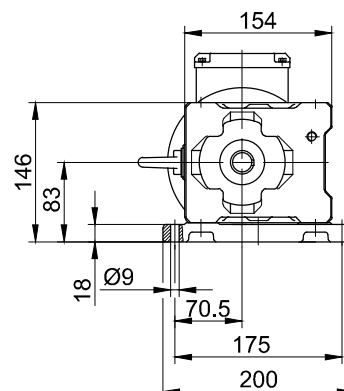
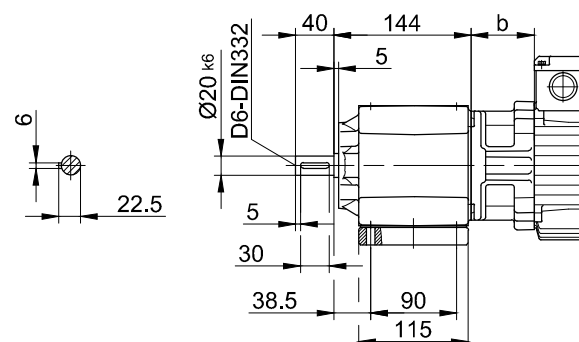
Foot with tapped holes left and right

Code -61LR/



Foot plate left

Code -91L/



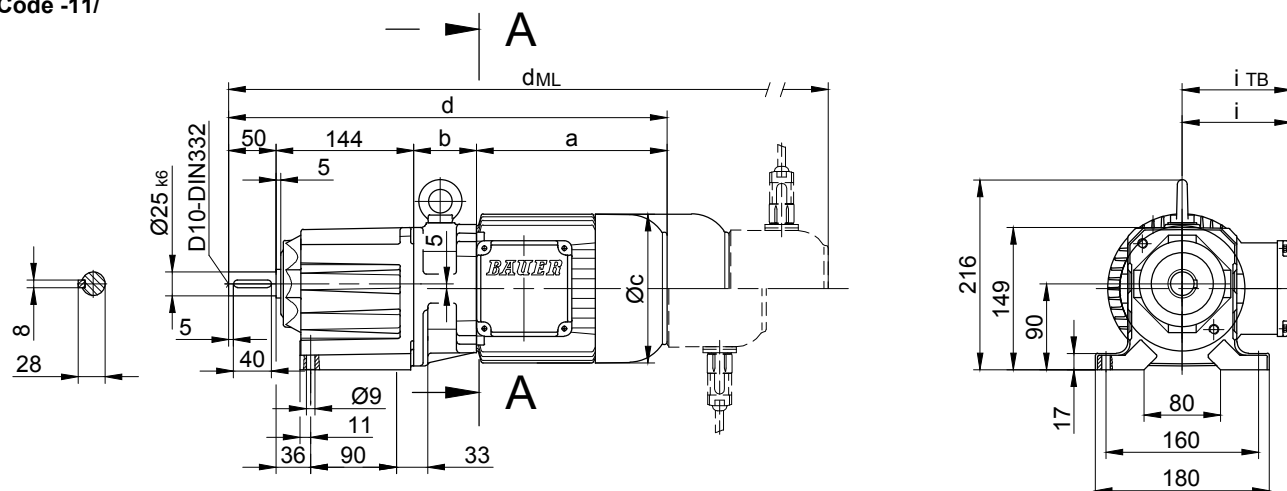
The actual gearbox design can vary from the geometry shown.

Dimension

BG10X - BG10XZ

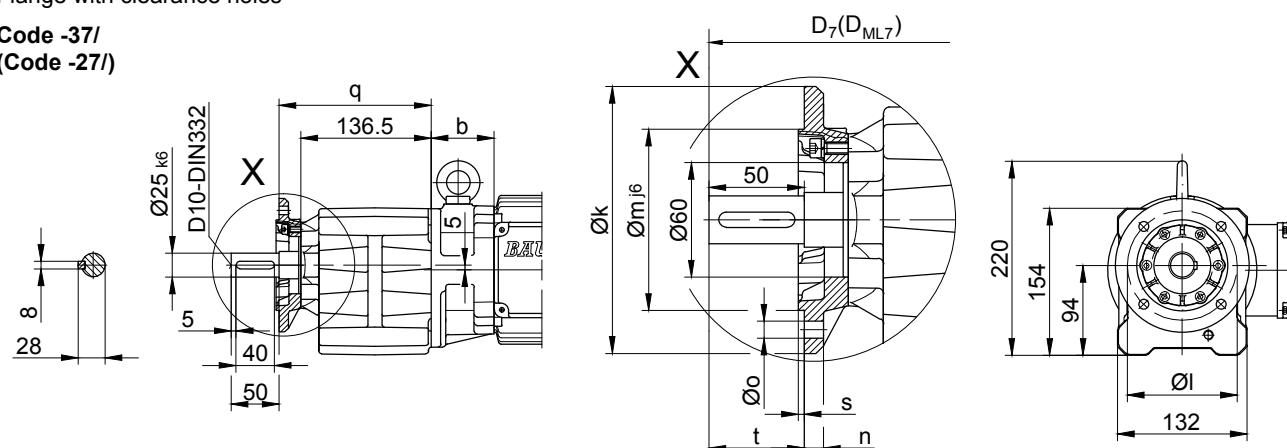
Foot mounting with clearance holes

Code -11/



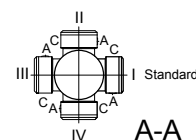
Flange with clearance holes

**Code -37/
(Code -27/)**



Flange dimensions

BG10X(Z)	k	l	m	n	o	q	s	t	D ₇	D _{ML7}
Standard -37/	Ø140	Ø115	Ø95	10	Ø9	159.5	3	50	d+15.5	d _{ML} +15.5
small -27/	Ø120	Ø100	Ø80	8	Ø6.6	154.5	3	55	d+15.5	d _{ML} +15.5



Type	a*	b	c	d*	i	Design with motor extensions				
						i _{TB}	ES../ZS..	G	ES../ZS..G	RR/RL
							d _{ML} *	d _{ML} *	d _{ML} *	d _{ML} *
BG10XZ-.1/D04..	143	86	111	423	90	112	466.5	485.5	528.5	-
BG10X-.1/D05..	170	62	123	426	100	117	468	529	570.5	-
BG10XZ-.1/D05..	170	88	123	452	100	117	494	555	596.5	-
BG10X-.1/D06..	170	62	123	426	100	119	468	529	570.5	-
BG10XZ-.1/D06..	170	88	123	452	100	119	494	555	596.5	-
BG10X-.1/D07..	190	62	123	446	100	119	488	549	590.5	-
BG10XZ-.1/D07..	190	88	123	472	100	119	514	575	616.5	-
BG10X-.1/D..08..	200	66	156	460	115	136.5	526	567	633.5	526
BG10XZ-.1/D..08..	200	132	156	526	115	136.5	592	633	699.5	592
BG10X-.1/D..09..	251	80.5	176	525.5	124	158	618.5	632.5	723	618.5



The dimensions "**a***", "**d***" and "**d_{ML}***" change dependent on the motor design.

Design state "A" = Standard Length

Type Example: BK70-74V/DPE08XA4

Comment: No change to the dimensions shown

Design state "B" = Extended Length

Type Example: BK70-74V/DPE08XB4

Comment:

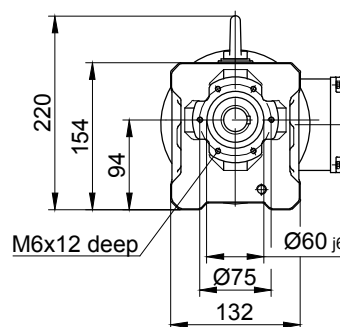
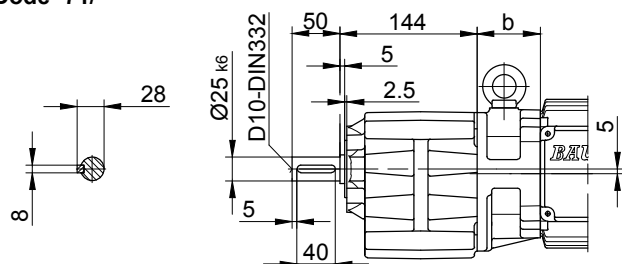
Motor length changes
please see Chapter 16 -
Additional dimension sheet -
Motor Length Comparison

The actual gearbox design can vary from the geometry shown.

BG10X - BG10XZ

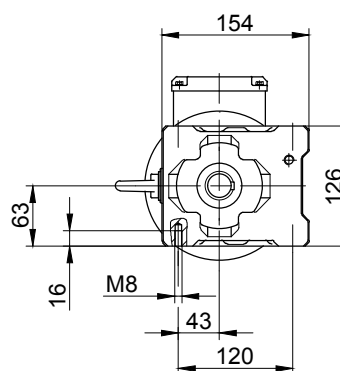
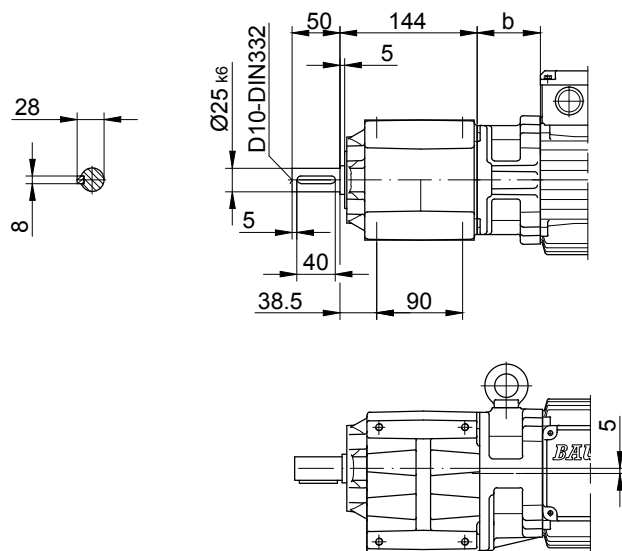
Flange with tapped holes

Code -71/



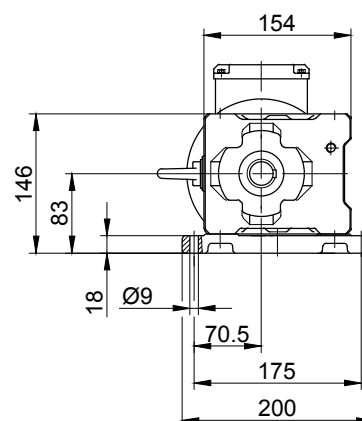
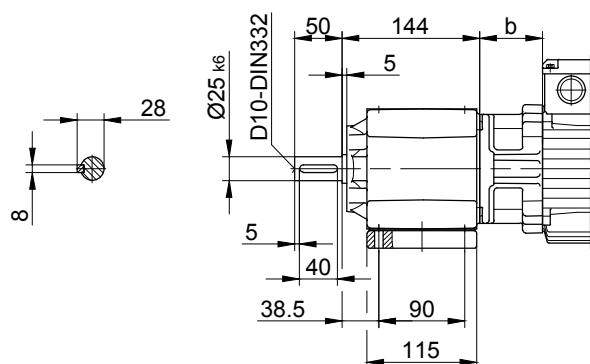
Foot with tapped holes left and right

Code -61LR/



Foot plate left

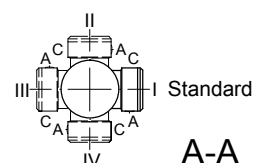
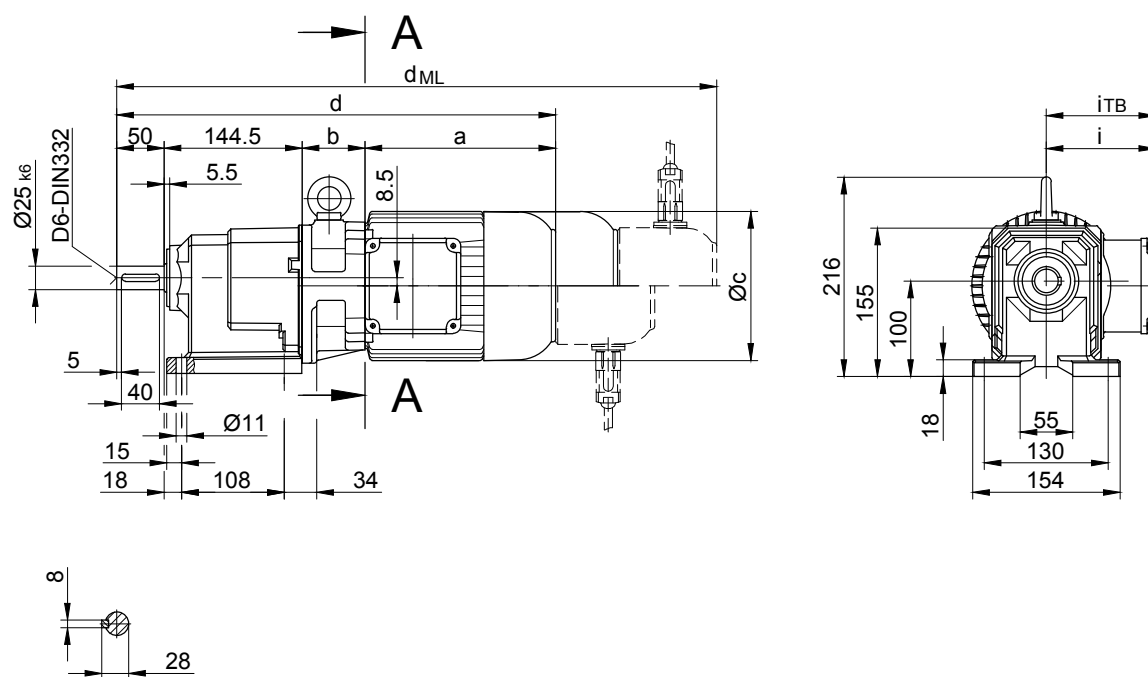
Code -91L/



The actual gearbox design can vary from the geometry shown.

Foot mounting with clearance holes

Code -11/



Type	a*	b	c	d*	i	Design with motor extensions				
						i _{TB}	ES../ZS..	G	ES../ZS..-G	RR/RL
							d _{ML} *	d _{ML} *	d _{ML} *	d _{ML} *
BG15-../D05..	170	62	123	426.5	100	129.5	468.5	529.5	571	-
BG15-../D06..	170	62	123	426.5	100	131.5	468.5	529.5	571	-
BG15-../D07..	190	62	123	446.5	100	131.5	488.5	549.5	591	-
BG15-../D..08..	200	66	156	460.5	115	149.5	526.5	567.5	634	527.5
BG15-../D..09..	251	80.5	181	526	124	164	619	633	723.5	619



The dimensions **"a"**, **"d"** and **"d_{ML}"** change dependent on the motor design.
Design state "A" = Standard Length
 Type Example: BK70-74V/DPE08XA4
 Comment: No change to the dimensions shown

Design state “B” = Extended Length	
Type Example:	BK70-74V/DPE08XB4
Comment:	Motor length changes please see Chapter 16 - Additional dimension sheet - Motor Length Comparison

The actual gearbox design can vary from the geometry shown.

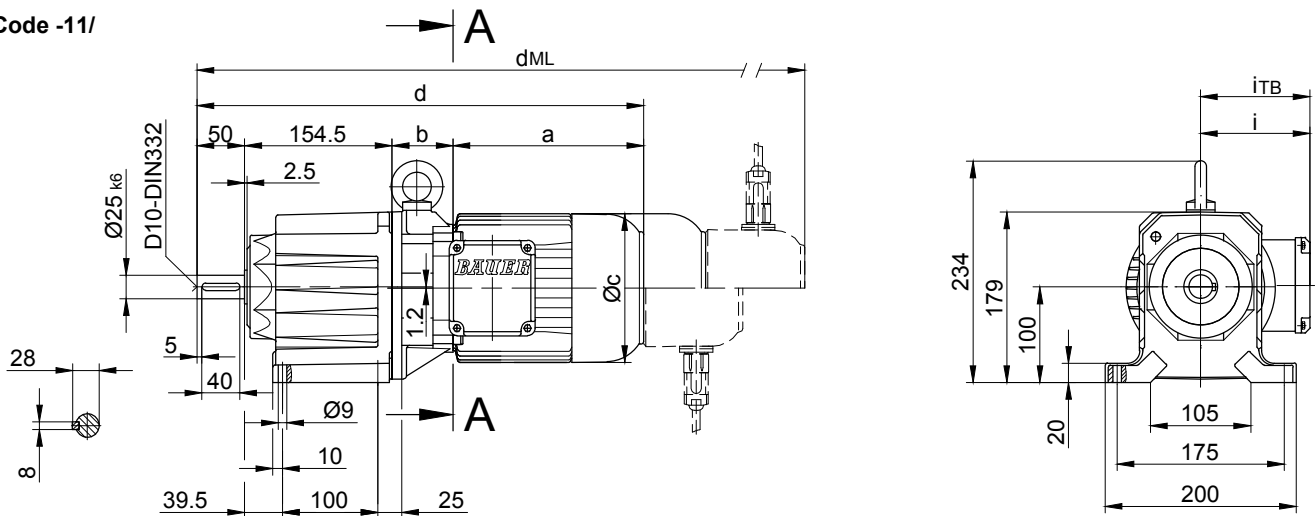
BG-series helical-geared motors

Dimension

BG20 - BG20Z

Foot mounting with clearance holes

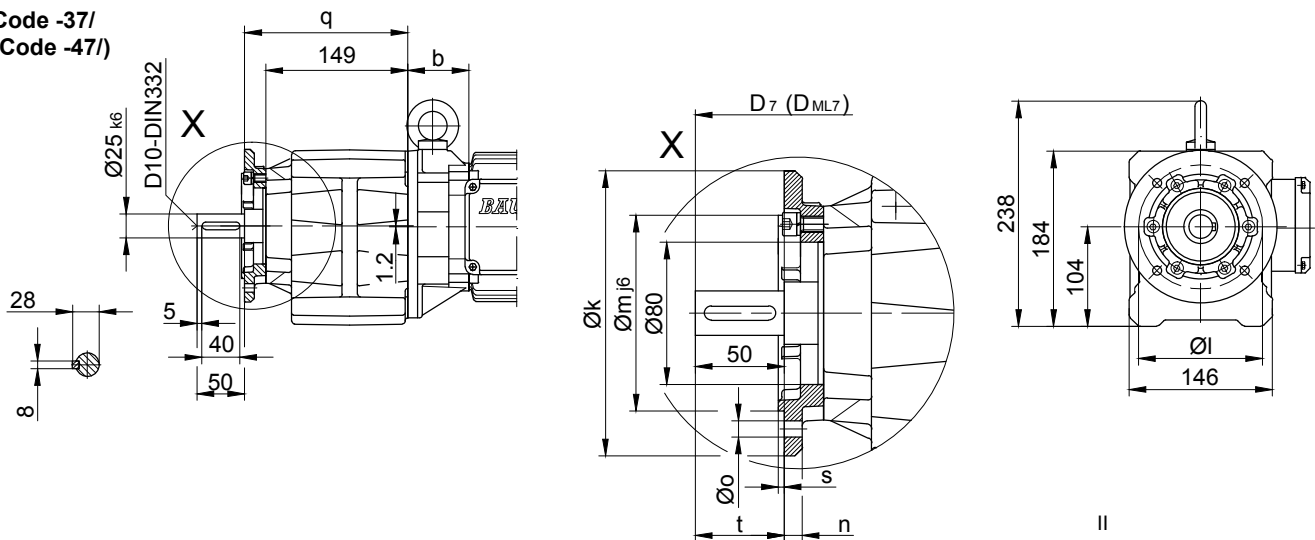
Code -11/



Flange with clearance holes

Code -37/

(Code -47/)



Flange dimensions

BG20(Z)	k	l	m	n	o	q	s	t	D ₇	D _{ML7}
Standard -37/	160	130	110	10	9	171	3.5	50	d+16.5	d _{ML} +16.5
big -47/	200	165	130	12	11	178	3.5	43	d+16.5	d _{ML} +16.5

Type	a*	b	c	d*	i	i _{TB}	Design with motor extensions			
							E../ES..	G	E../ES..-G	RR/RL
							d _{ML} *	d _{ML} *	d _{ML} *	d _{ML} *
BG20Z-../D04..	143	100	111	447.5	90	112	491	510	553	-
BG20-../D05..	170	60	123	434.5	100	117	476.5	537.5	579	-
BG20Z-../D05..	170	102	123	476.5	100	117	518.5	579.5	621	-
BG20-../D06..	170	60	123	434.5	100	119	476.5	537.5	579	-
BG20Z-../D06..	170	102	123	476.5	100	119	518.5	579.5	621	-
BG20-../D07..	190	60	123	454.5	100	119	496.5	557.5	599	-
BG20Z-../D07..	190	102	123	496.5	100	119	538.5	599.5	641	-
BG20-../D..08..	200	64	156	468.5	115	136.5	534.5	575.5	642	534.5
BG20Z-../D..08..	200	146	156	550.5	115	136.5	616.5	657.5	724	616.5
BG20-../D..09..	251	78.5	181	534	124	158	627	641	731.5	627



The dimensions "a*", "d*" and "d_{ML}" change dependent on the motor design.

Design state "A" = Standard Length

Type Example: BK70-74V/DPE08XA4

Comment: No change to the dimensions shown

Design state "B" = Extended Length

Type Example: BK70-74V/DPE08XB4

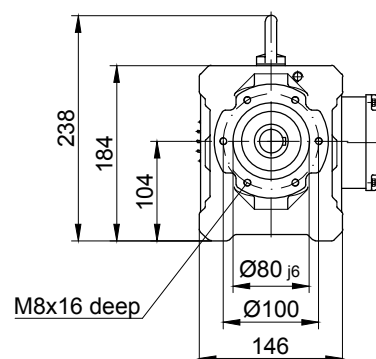
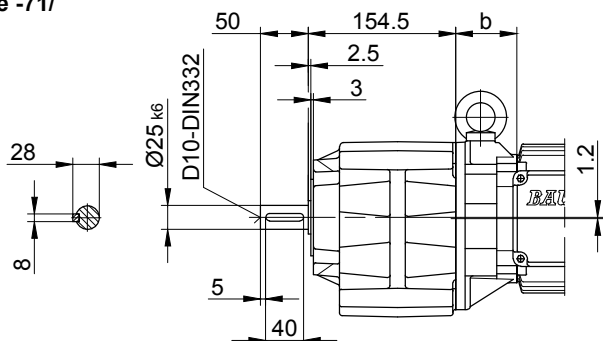
Comment: Motor length changes please see Chapter 16 - Additional dimension sheet - Motor Length Comparison

The actual gearbox design can vary from the geometry shown.

BG20 - BG20Z

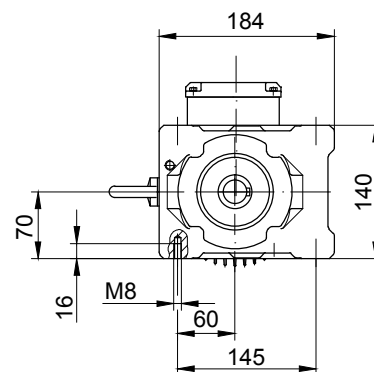
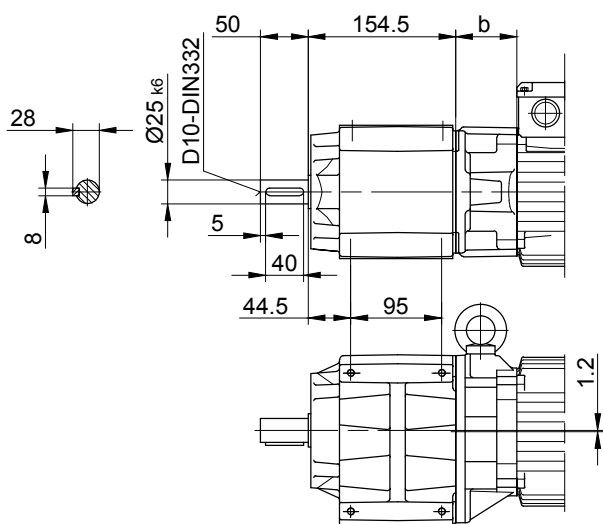
Flange with tapped holes

Code -71/



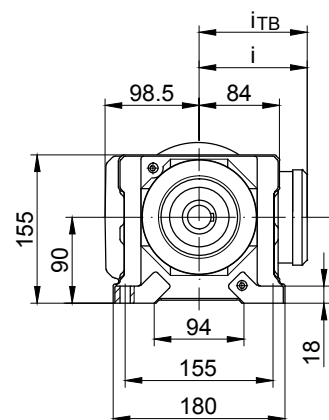
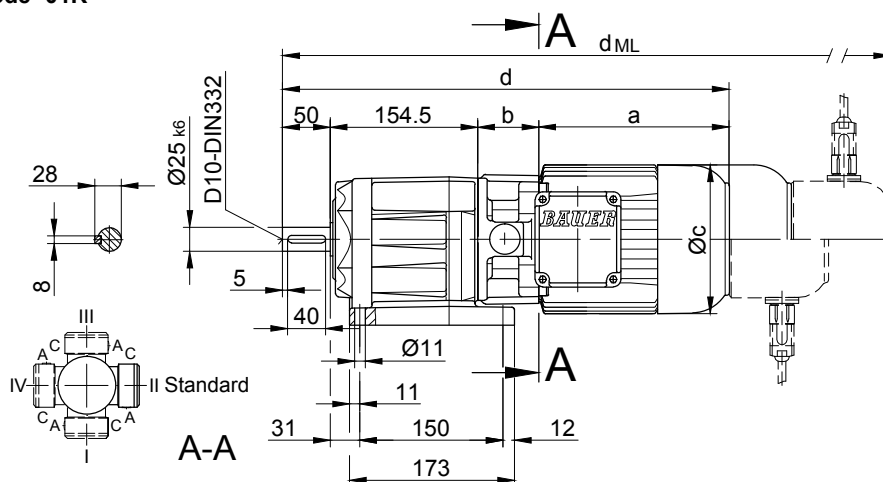
Foot with tapped holes left and right

Code -61LR/



Foot mounting right with clearance holes

Code -01R



only for BG20-01R !

The actual gearbox design can vary from the geometry shown.

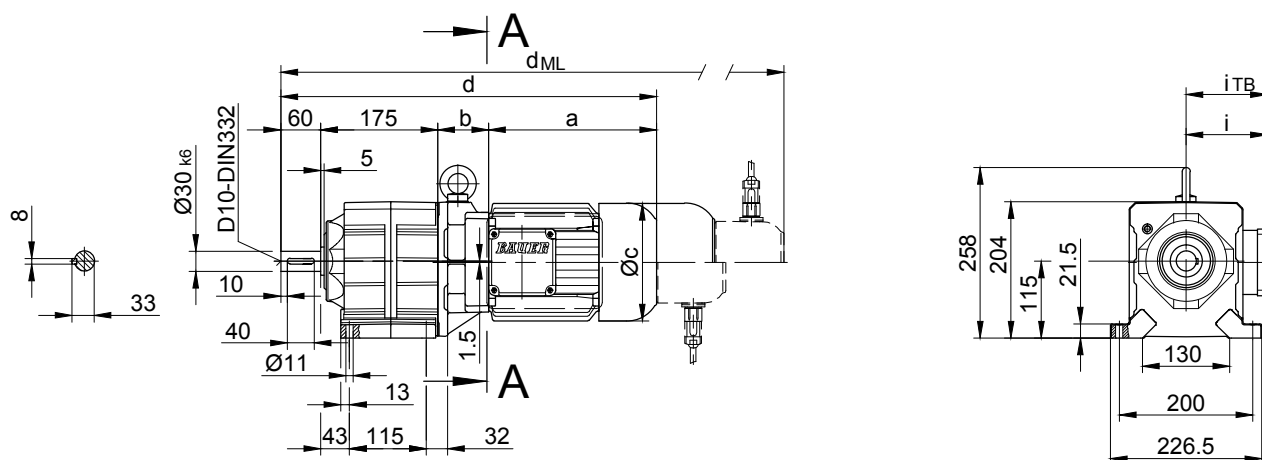
BG-series helical-geared motors

Dimension

BG30 - BG30Z

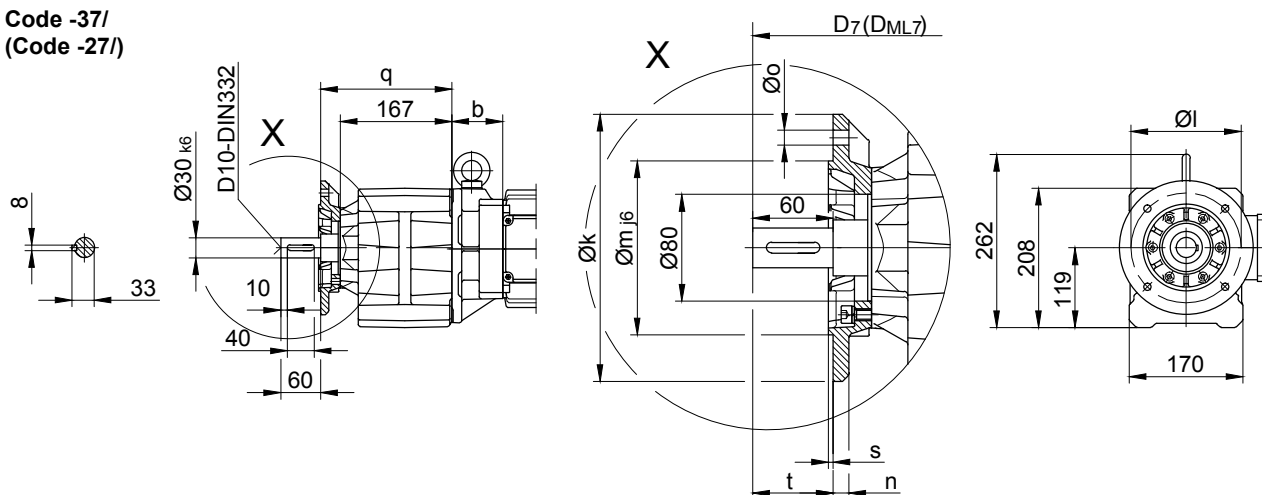
Foot mounting with clearance holes

Code -11/



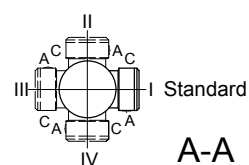
Flange with clearance holes

Code -37/
(Code -27/)



Flange dimensions

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



Type	a*	b	c	d*	i	Design with motor extensions				
						i _{TB}	E../ES..	G	E../ES..-G	RR/RL
							d _{ML} *	d _{ML} *	d _{ML} *	d _{ML} *
BG30-../D05..	170	58	123	464	100	117	505	566	607.5	-
BG30Z-../D05..	170	133.5	123	538.5	100	117	580.5	641.5	683	-
BG30-../D06..	170	58	123	464	100	119	505	566	607.5	-
BG30Z-../D06..	170	133.5	123	538.5	100	119	580.5	641.5	683	-
BG30-../D07..	190	58	123	483	100	119	525	586	627.5	-
BG30Z-../D07..	190	133.5	123	558.5	100	119	600.5	661.5	703	-
BG30-../D..08..	200	62	156	497	115	136.5	563	604	670.5	563
BG30Z-../D..08..	200	137.5	156	572.5	115	136.5	638.5	679.5	746	638.5
BG30-../D..09..	251	76.5	181	562.5	124	158	655.5	669.5	760	655.5
BG30Z-../D..09..	251	152	181	638	124	158	731	745	835.5	731
BG30-../D..11..	319	83	228	637	181	182	735	744	839.5	735



The dimensions "a*", "d*" and "d_{ML}" change dependent on the motor design.
Design state "A" = Standard Length
 Type Example: BK70-74V/DPE08XA4
 Comment: No change to the dimensions shown

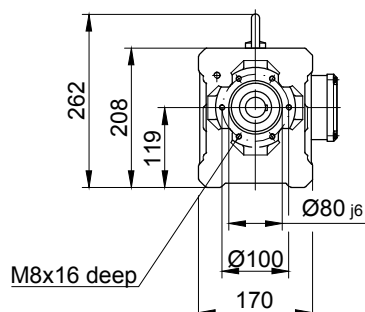
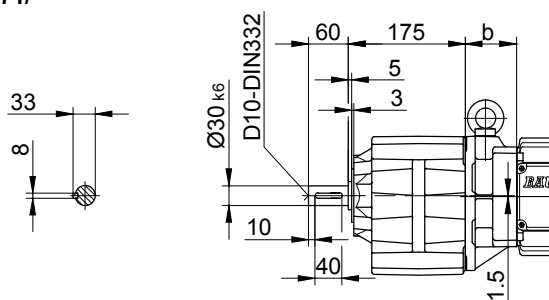
Design state "B" = Extended Length
 Type Example: BK70-74V/DPE08XB4
 Comment: Motor length changes please see Chapter 16 - Additional dimension sheet - Motor Length Comparison

The actual gearbox design can vary from the geometry shown.

BG30 - BG30Z

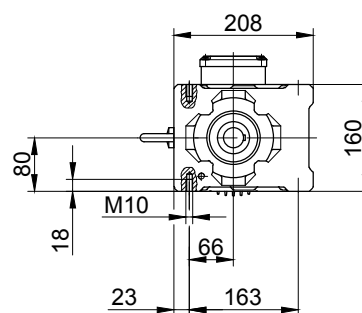
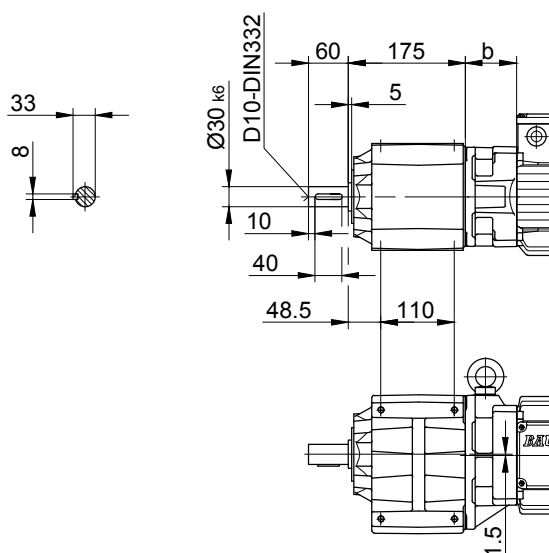
Flange with tapped holes

Code -71/



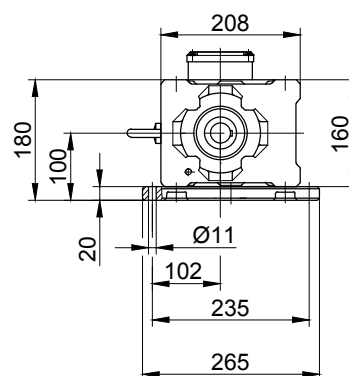
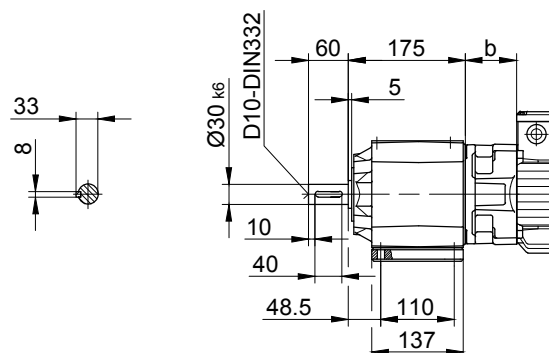
Foot with tapped holes left and right

Code -61LR/



Foot plate left

Code -91L/



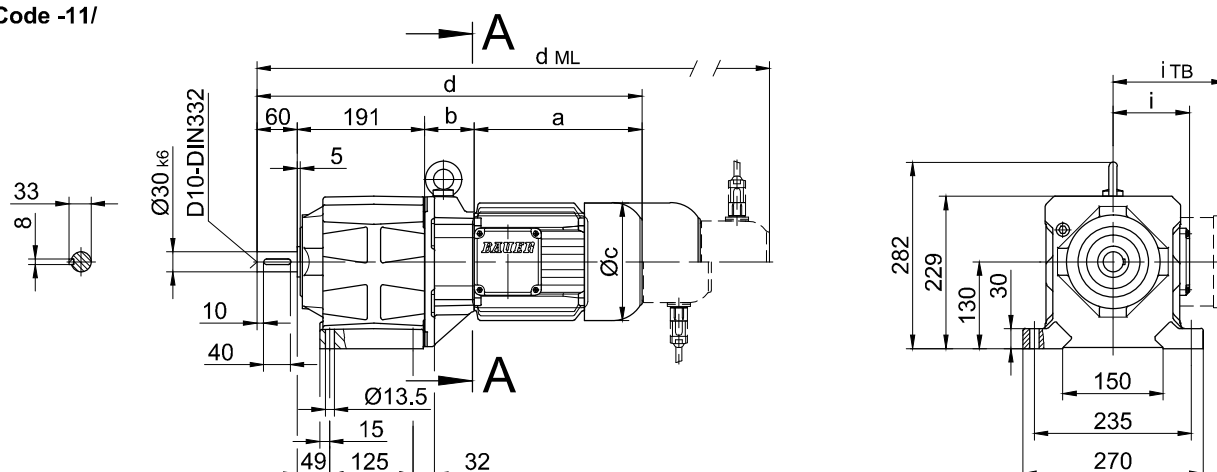
The actual gearbox design can vary from the geometry shown.

Dimension

BG40 - BG40Z

Foot mounting with clearance holes

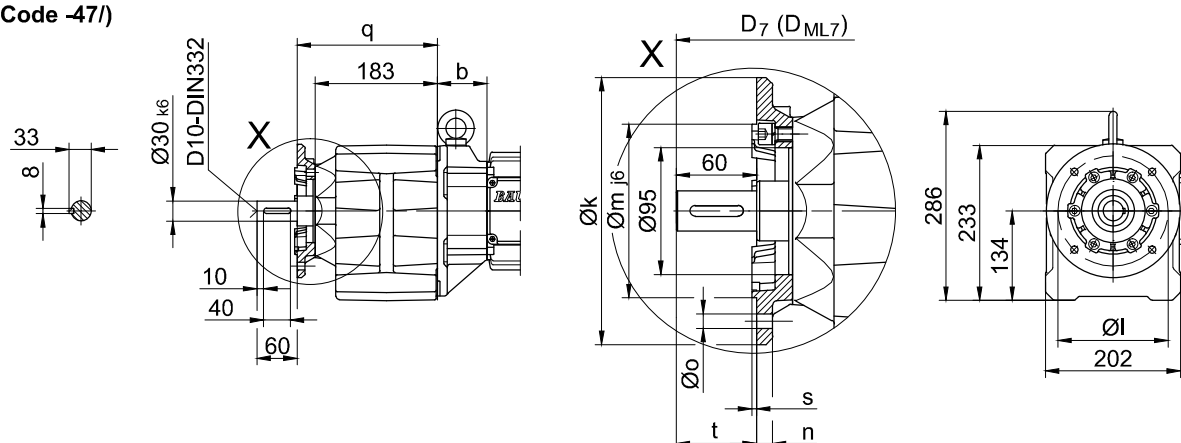
Code -11/



Flange with clearance holes

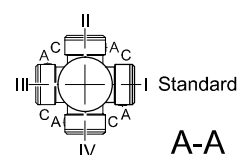
Code -37/

(Code -47/)



Flange dimensions

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



Type	a*	b	c	d*	i	Design with motor extensions				
						i _{TB}	E../ES..	G	E../ES..-G	RR/RL
							d _{ML} *	d _{ML} *	d _{ML} *	d _{ML} *
BG40Z-../D05..	170	138.5	123	559.5	100	117	601.5	662.5	704	-
BG40Z-../D06..	170	138.5	123	559.5	100	119	601.5	662.5	704	-
BG40Z-../D07..	190	138.5	123	579.5	100	119	621.5	682.5	724	-
BG40-../D..08..	200	60	156	511	115	136.5	577	618	684.5	577
BG40Z-../D..08..	200	142.5	156	593.5	115	136.5	659.5	700.5	767	659.5
BG40-../D..09..	251	74.5	181	576.5	124	158	669.5	683.5	774	669.5
BG40Z-../D..09..	251	157	181	659	124	158	752	766	856.5	752
BG40-../D..11..	319	81	228	651	181	181	749	758	853.5	749



The dimensions "**a***", "**d***" and "**d_{ML}***" change dependent on the motor design.

Design state "A" = Standard Length

Type Example: BK70-74V/DPE08XA4

Comment: No change to the dimensions shown

Design state "B" = Extended Length

Type Example: BK70-74V/DPE08XB4

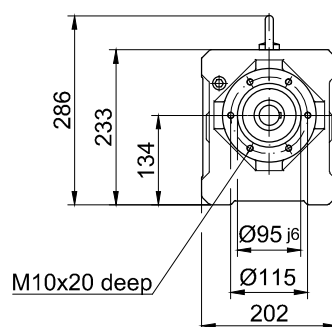
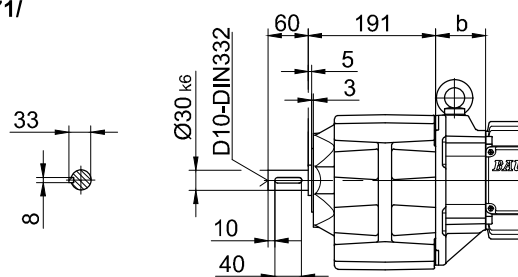
Comment: Motor length changes please see Chapter 16 - Additional dimension sheet - Motor Length Comparison

The actual gearbox design can vary from the geometry shown.

BG40 - BG40Z

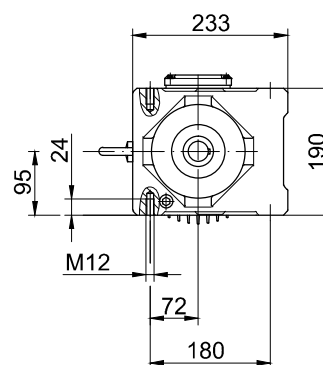
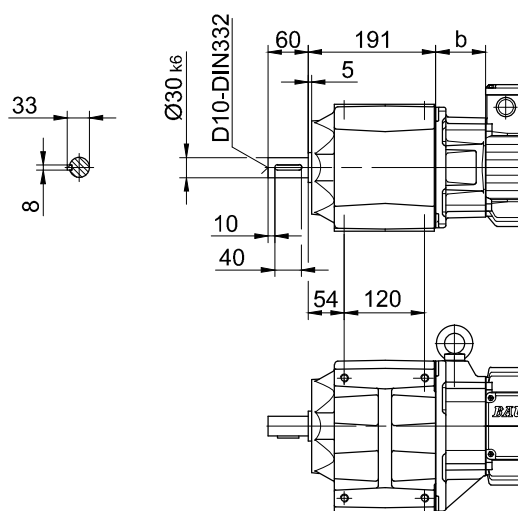
Flange with tapped holes

Code -71/



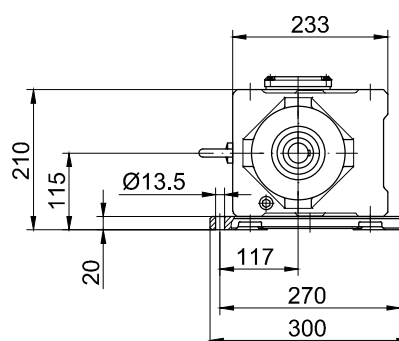
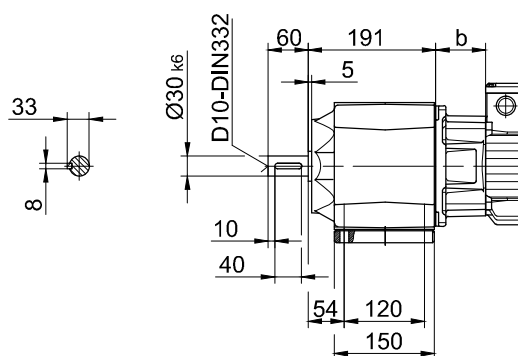
Foot with tapped holes left and right

Code -61LR/



Foot plate left

Code -91L/



The actual gearbox design can vary from the geometry shown.

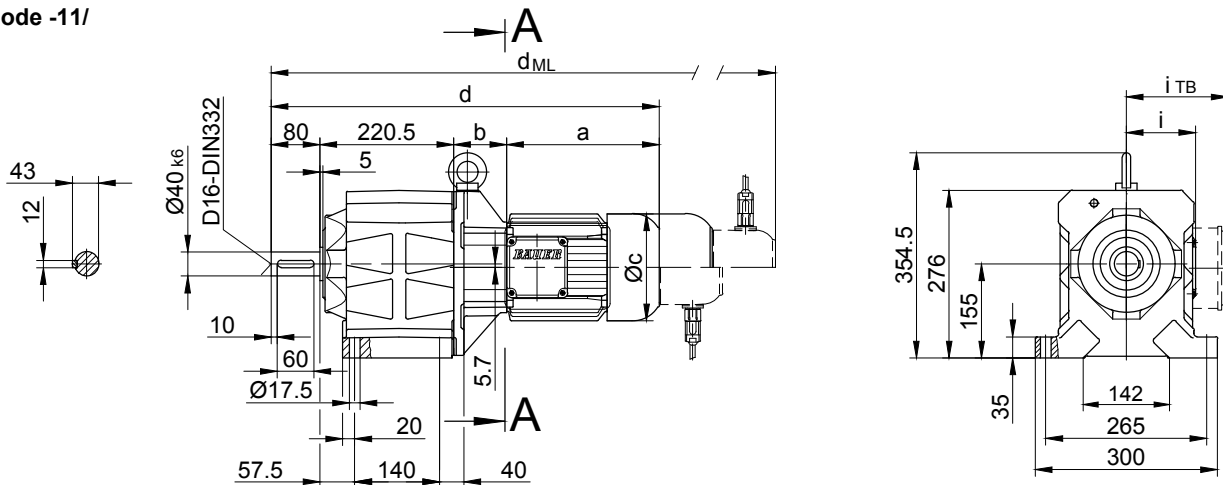
BG-series helical-geared motors

Dimension

BG50 - BG50Z

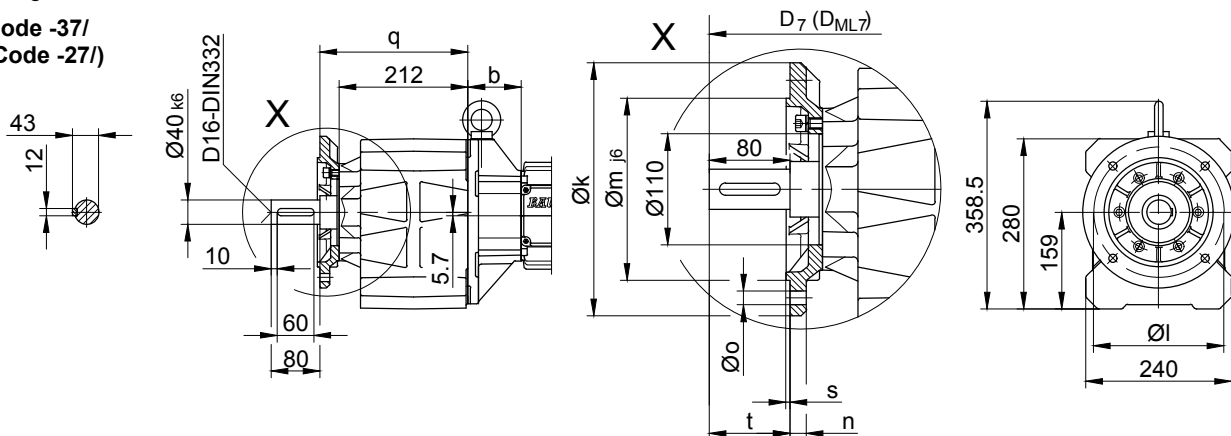
Foot mounting with clearance holes

Code -11/



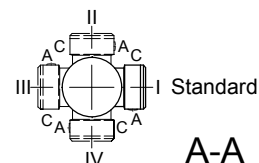
Flange with clearance holes

Code -37/
(Code -27/)



Flange dimensions

BG50(Z)	k	l	m	n	o	q	s	t	D ₇	D _{ML7}
Standard -37/	250	215	180	16	13.5	244	4	80	d+23.5	d _{ML} +23.5
small -27/	200	165	130	12	11	241	3.5	83	d+23.5	d _{ML} +23.5



Type	a*	b	c	d*	i	Design with motor extensions				
						i _{TB}	E../ES..	G	E../ES..-G	RR/RL
BG50Z-../D05..	170	155	123	625.5	100	117	d _{ML} *	d _{ML} *	d _{ML} *	-
BG50Z-../D06..	170	155	123	625.5	100	119	667.5	728.5	771	-
BG50Z-../D07..	190	155	123	645.5	100	119	667.5	728.5	771	-
BG50-../D..08..	200	73	156	573.5	115	136.5	687.5	748.5	769	-
BG50Z-../D..08..	200	159	156	659.5	115	136.5	639.5	680.5	746	639.5
BG50Z-../D..08..	200	159	156	659.5	115	136.5	725.5	766.5	832	725.5
BG50-../D..09..	251	87.5	181	639	124	158	732	746	833	732
BG50Z-../D..09..	251	173.5	181	725	124	158	818	832	919	818
BG50-../D..11..	319	94	228	713.5	181	181	811.5	820.5	917	811.5
BG50-../D..13..	393	107	258	800.5	218	218	911.5	907.5	1006	911.5
BG50-../D..16..	454.5	121	310	876	244	244	1019.5	983	1123.5	1019.5
BG50-../D..18..	542	143	348	985.5	288	288	1135	1092.5	1239	1135



The dimensions "a*", "d*" and "d_{ML}" change dependent on the motor design.
Design state "A" = Standard Length
 Type Example: BK70-74V/DPE08XA4
 Comment: No change to the dimensions shown

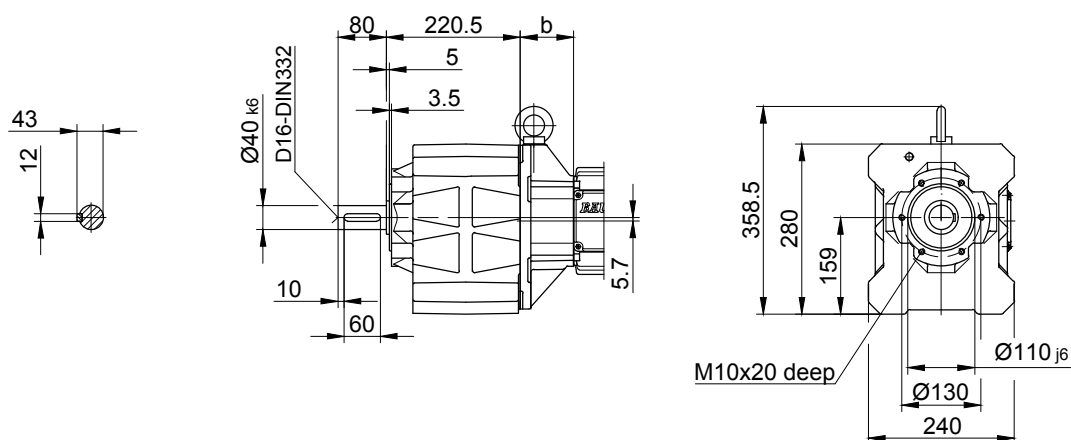
Design state "B" = Extended Length
 Type Example: BK70-74V/DPE08XB4
 Comment: Motor length changes please see Chapter 16 - Additional dimension sheet - Motor Length Comparison

The actual gearbox design can vary from the geometry shown.

BG50 - BG50Z

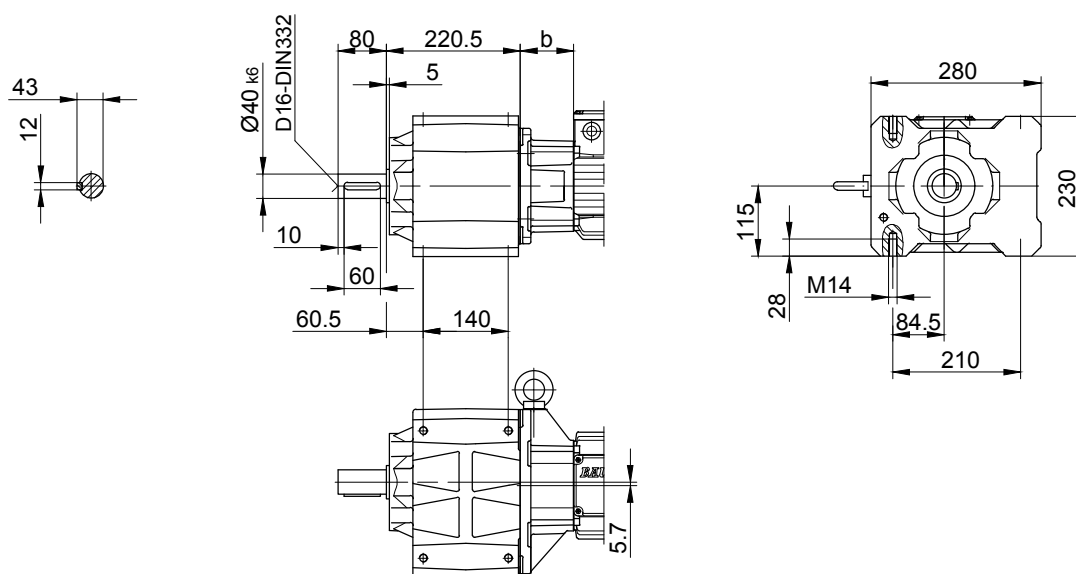
Flange with tapped holes

Code -71/



Foot with tapped holes left and right

Code -61LR/



10

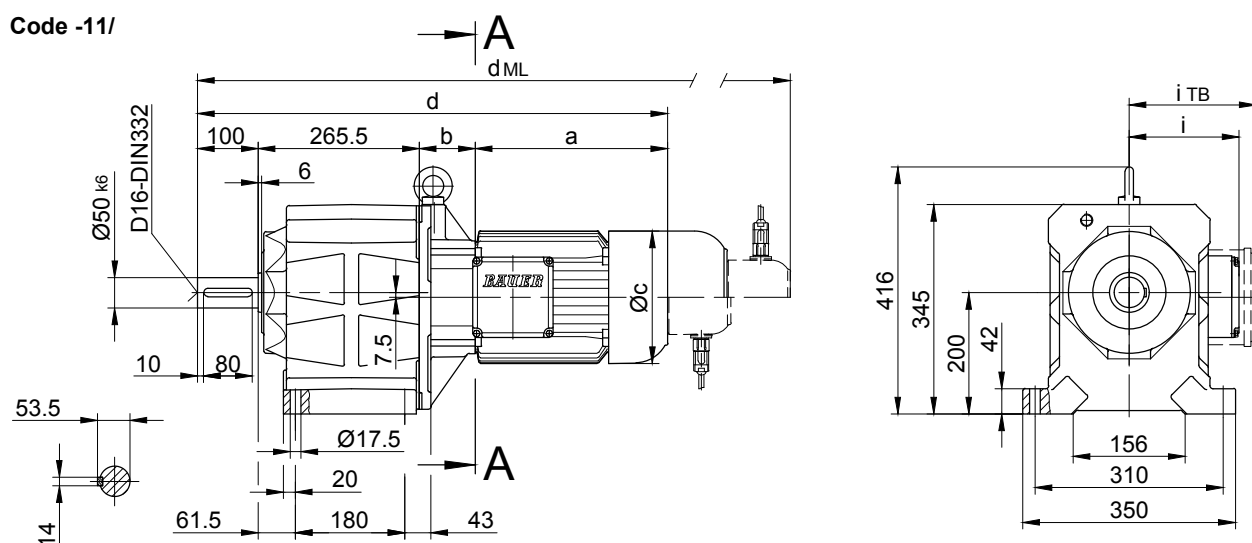
The actual gearbox design can vary from the geometry shown.

Dimension

BG60 - BG60Z

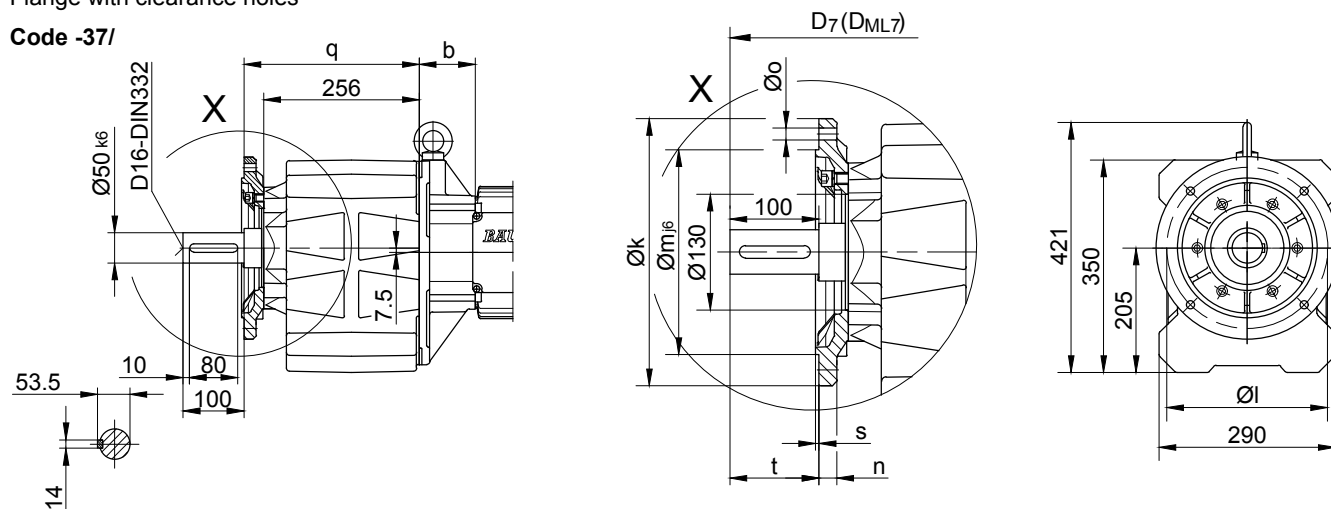
Foot mounting with clearance holes

Code -11/



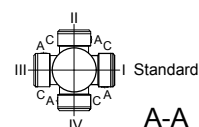
Flange with clearance holes

Code -37/



Flange dimensions

BG60(Z)	k	l	m	n	o	q	s	t	D ₇	D _{ML7}
Standard -37/	300	265	230	20	13.5	289	4	100	d+23.5	d _{ML} +23.5
small -27/	250	215	180	16	13.5	286	4	103	d+23.5	d _{ML} +23.5



Type	a*	b	c	d*	i	Design with motor extensions				
						i _{TB}	ES../ZS..	G	ES../ZS..-G	RR/RL
							d _{ML} *	d _{ML} *	d _{ML} *	d _{ML} *
BG60Z-../D..08..	200	181	156	746.6	115	136.5	812.5	853.5	920	812.5
BG60-../D..09..	251	85.5	181	702	124	158	795	809	899.5	795
BG60Z-../D..09..	251	195.5	181	812	124	158	905	919	1009.5	905
BG60-../D..11..	319	92	228	776.5	181	181	874.5	883.5	979	874.5
BG60Z-../D..11..	319	202	228	886.5	181	181	984.5	993.5	1089	984.5
BG60-../D..13..	393	105	258	863.5	218	218	974.5	970.5	1079	974.5
BG60-../D..16..	454.5	119	310	939	244	244	1182.5	1046	1186.5	1182.5
BG60-../D..18..	542	272	348	1179.5	288	288	1329	1286.5	1433	1329



The dimensions **"a"**, **"d"** and **"dML"** change dependent on the motor design.
Design state "A" = Standard Length
 Type Example: BK70-74V/DPE08XA4
 Comment: No change to the dimensions shown

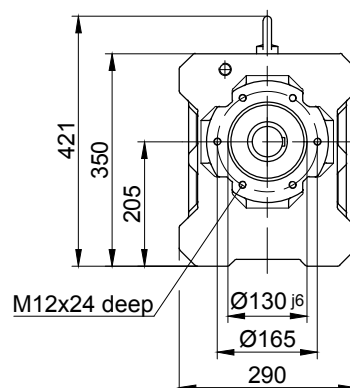
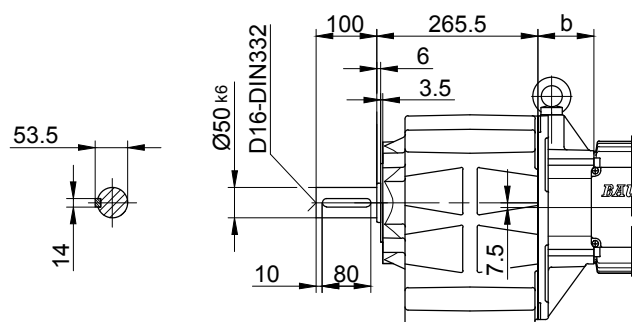
Design state “B” = Extended Length	
Type Example:	BK70-74V/DPE08XB4
Comment:	Motor length changes please see Chapter 16 - Additional dimension sheet - Motor Length Comparison

The actual gearbox design can vary from the geometry shown.

BG60 - BG60Z

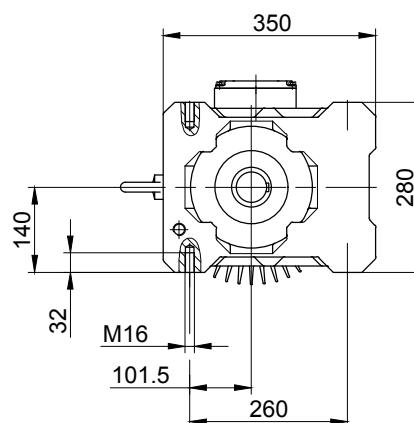
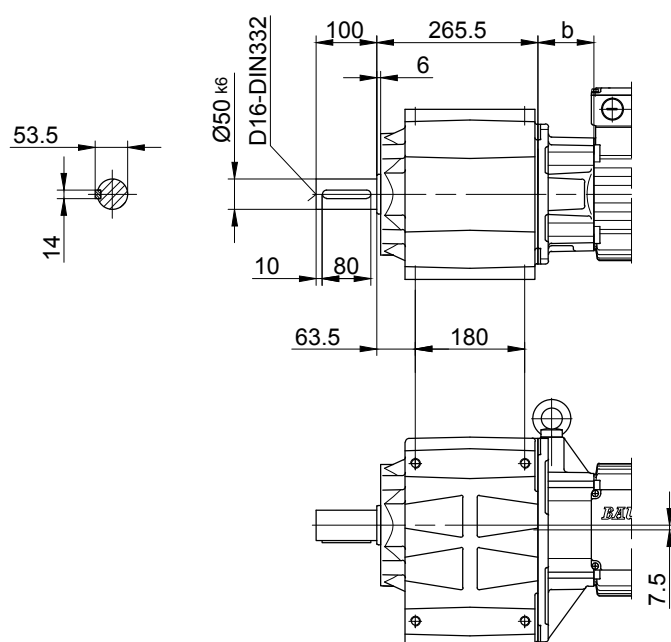
Flange with tapped holes

Code -71/



Foot with tapped holes left and right

Code -61LR/



10

The actual gearbox design can vary from the geometry shown.

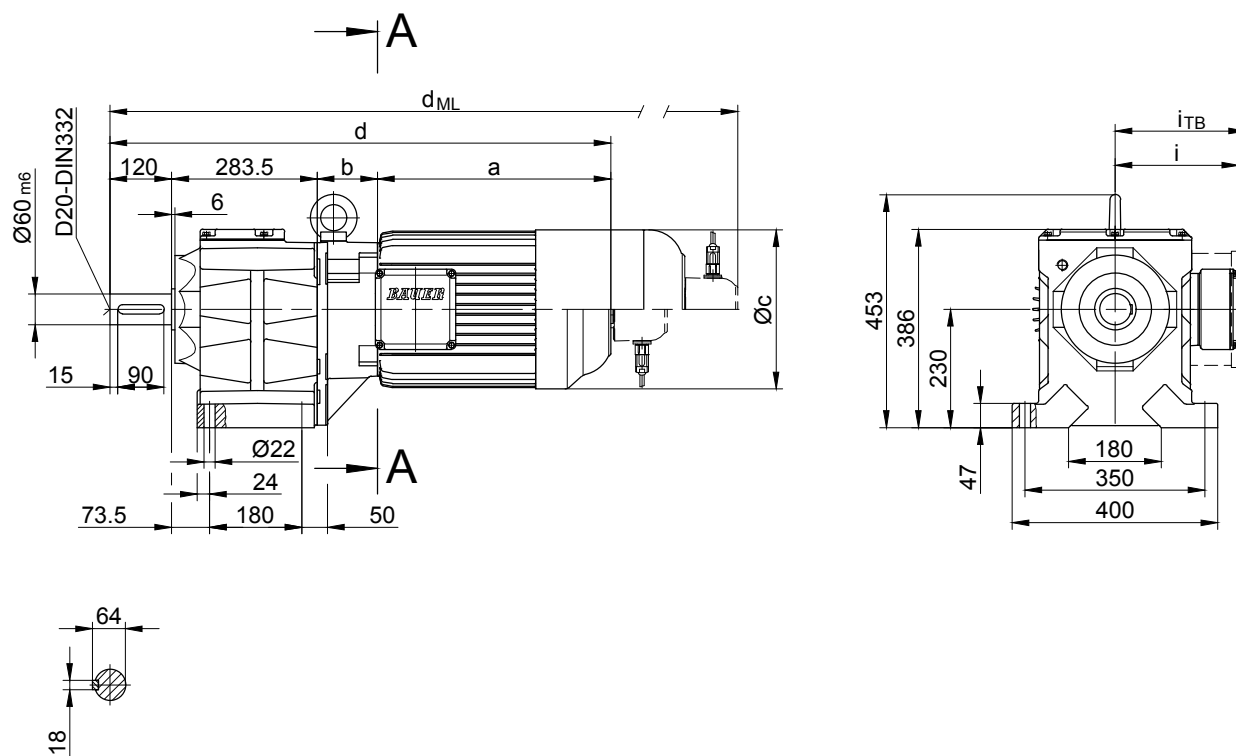
BG-series helical-geared motors

Dimension

BG70 - BG70Z

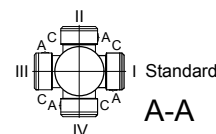
Foot mounting with clearance holes

Code -11/



Flange dimensions

BG70(Z)	k	l	m	n	o	q	s	t	D ₇	D _{ML7}
Standard -37/	350	300	250 _{h6}	20	17.5	314	5	120	d+30.5	d _{ML} +30.5
small -27/	300	265	230 _{j6}	20	13.5	322	4	112	d+30.5	d _{ML} +30.5



Type	a*	b	c	d*	i	Design with motor extensions				
						i _{TB}	ES../ZS..	G	ES../ZS..-G	RR/RL
							d _{ML} *	d _{ML} *	d _{ML} *	d _{ML} *
BG70Z-../D..08..	200	202	156	805.5	115	136.5	871.5	912.5	979	871
BG70-../D..09..	251	83.5	181	738	124	158	831	845	935.5	831
BG70Z-../D..09..	251	216.5	181	871	124	158	964	978	1068.5	964
BG70-../D..11..	319	90	228	812.5	181	181	910.5	919.5	1015	910.5
BG70Z-../D..11..	319	223	228	945.5	181	181	1043.5	1052.5	1148	1043.5
BG70-../D..13..	393	103	258	899.5	218	218	1010.5	1006.5	1115	1010.5
BG70Z-../D..13..	393	236	258	1032.5	218	218	1143.5	1139.5	1248	1143.5
BG70-../D..16..	454.5	117	310	975	244	244	1118.5	1082	1222.5	1118.5
BG70Z-../D..16..	454.5	250	310	1108	244	244	1251.5	1215	1355.5	1251.5
BG70-../D..18..	542	139	348	1084.5	288	288	1234	1191.5	1338	1234
BG70Z-../D..18..	542	272	348	1217.5	288	288	1367	1324.5	1471	1367
BG70-../D..20L	643.5	156	363	1203	303.5	303.5	1203	1330.5	1436.5	1330.5
BG70-../D..22S	703.5	156	363	1263	303.5	303.5	1390.5	1369	1496.5	1390.5



The dimensions "a*", "d*" and "d_{ML}*" change dependent on the motor design.
Design state "A" = Standard Length
 Type Example: BK70-74V/DPE08XA4
 Comment: No change to the dimensions shown

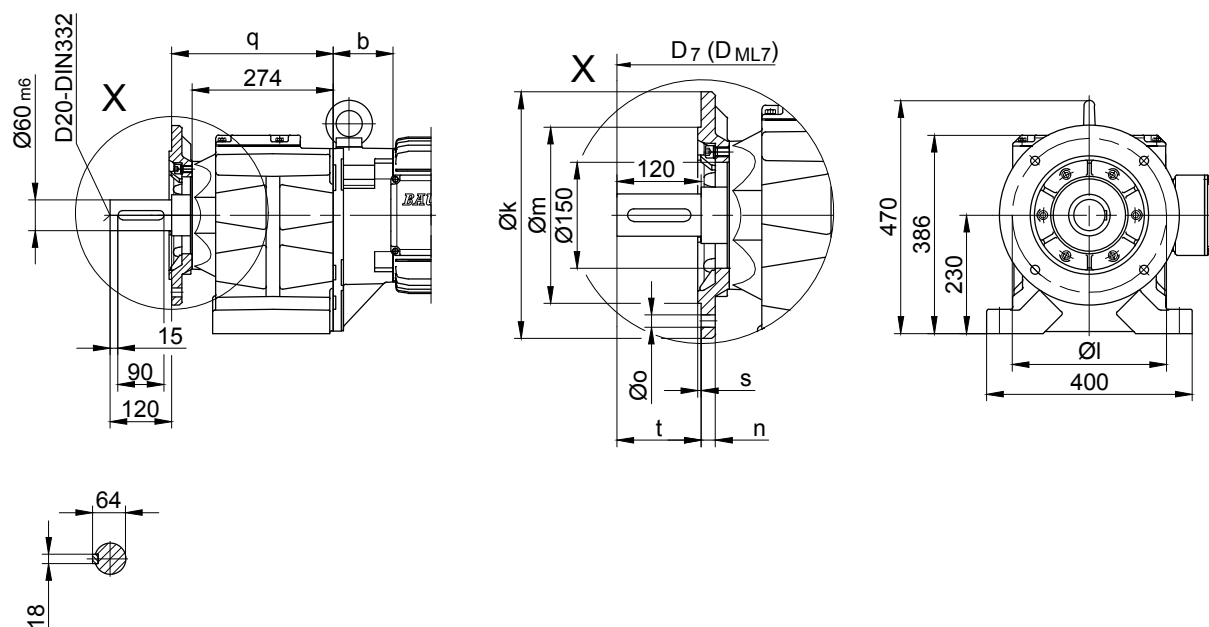
Design state "B" = Extended Length
 Type Example: BK70-74V/DPE08XB4
 Comment: Motor length changes please see Chapter 16 - Additional dimension sheet - Motor Length Comparison

The actual gearbox design can vary from the geometry shown.

BG70 - BG70Z

Flange with clearance holes

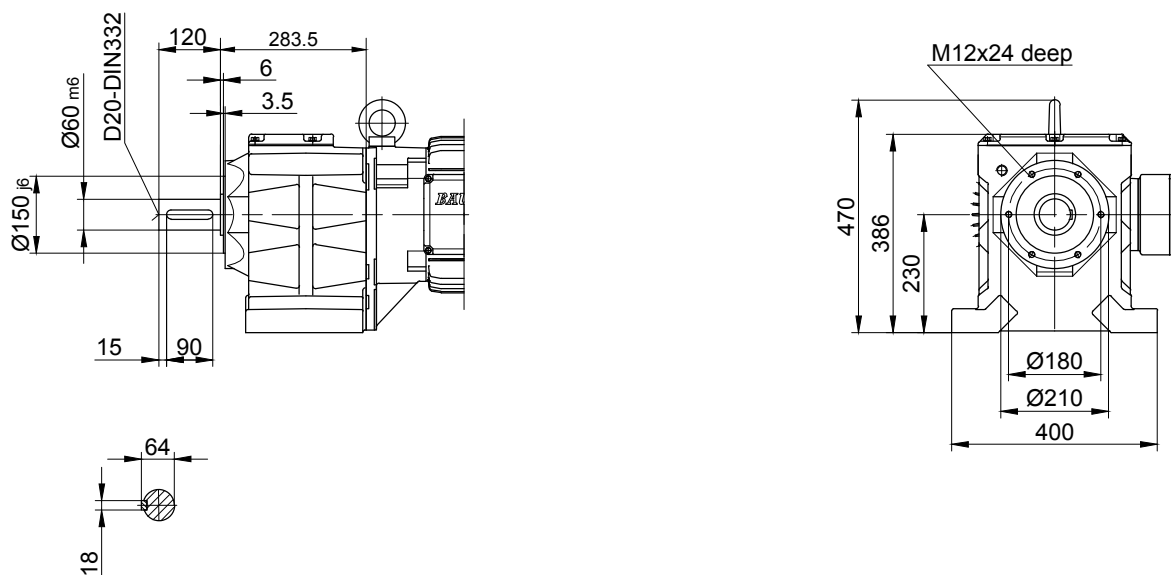
Code -37/
(Code -27/)



Flange with tapped holes

Code -71/

10



The actual gearbox design can vary from the geometry shown.

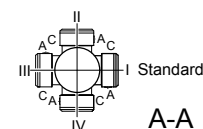
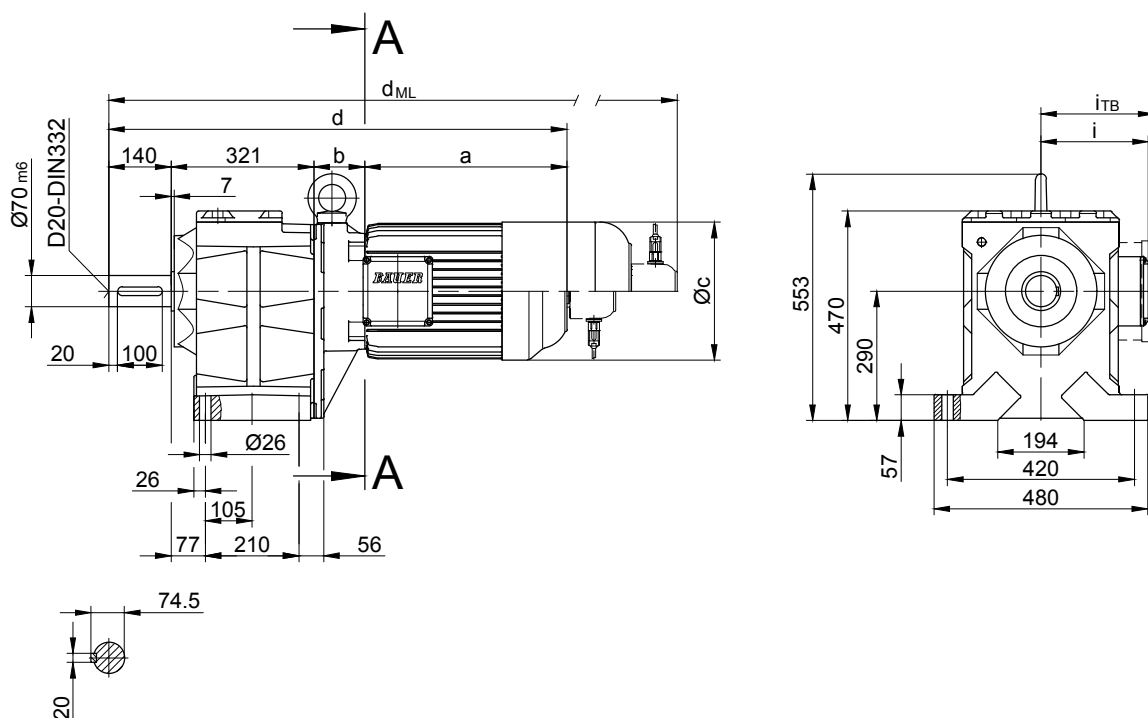
BG-series helical-geared motors

Dimension

BG80 - BG80Z

Foot mounting with clearance holes

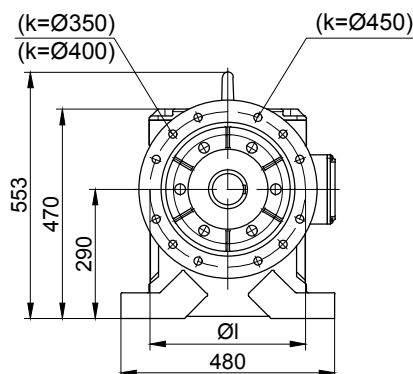
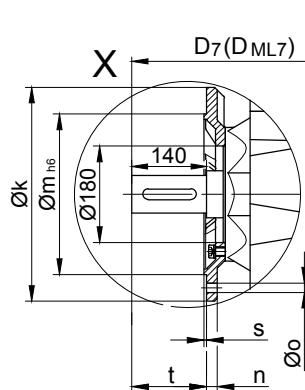
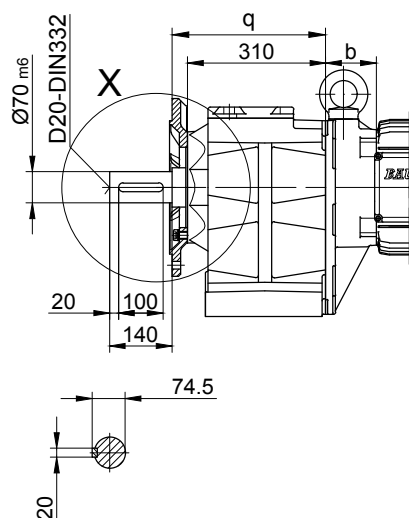
Code -11/



BG80 - BG80Z

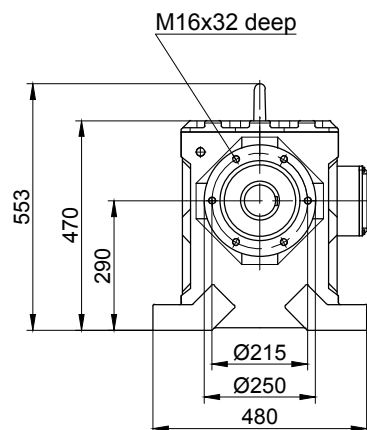
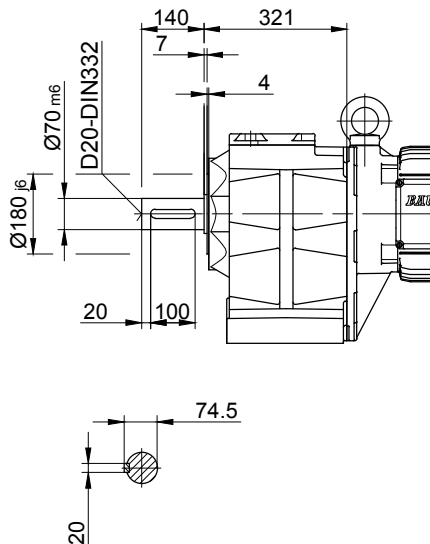
Flange with clearance holes

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



Flange with tapped holes

Code -71/



The actual gearbox design can vary from the geometry shown.

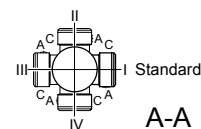
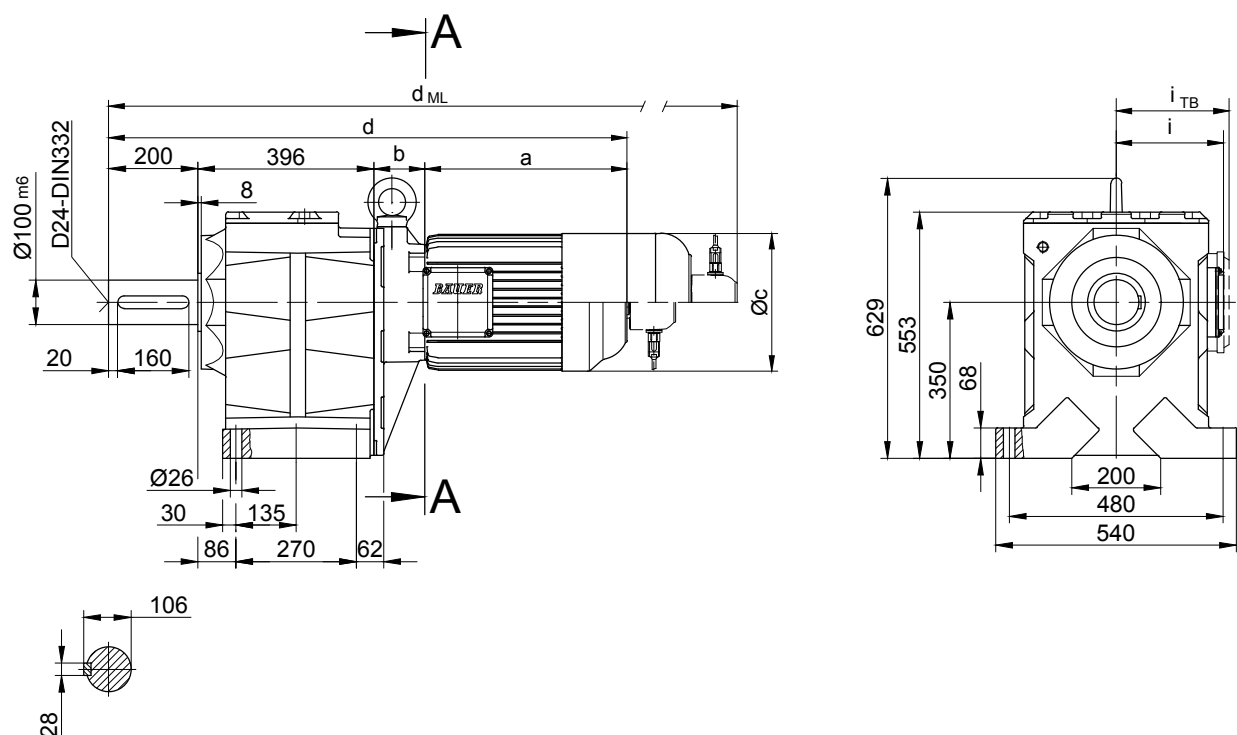
BG-series helical-geared motors

Dimension

BG90 - BG90Z

Foot mounting with clearance holes

Code -11/



Flange dimensions

BG90(Z)	k	l	m	n	o	q	s	t	D_7	D_{ML7}
Standard -37/	450	400	350	22	17.5	439	5	200	$d+43$	$d_{ML}+43$
big -47/	550	500	450	22	17.5	444	5	195	$d+43$	$d_{ML}+43$

Type	a^*	b	c	d^*	i	Design with motor extensions				
						i_{TB}	ES../ZS..	G	ES../ZS../G	RR/RL
							d_{ML}^*	d_{ML}^*	d_{ML}^*	d_{ML}^*
BG90Z-../D..09..	251	267	181	1114	124	158	1207	1221	1311	1207
BG90Z-../D..11..	319	273.5	228	1188.5	181	181	1286.5	1295.5	1388.5	1286.5
BG90-../D..13..	393	100	258	1015	218	218	1200	1196	1301	1200
BG90Z-../D..13..	393	286.5	258	1275.5	218	218	1386.5	1382.5	1487.5	1386.5
BG90-../D..16..	454.5	114	310	1164.5	244	244	1308	1271.5	1412	1308
BG90Z-../D..16..	454.5	300.5	310	1351	244	244	1494.5	1458	1598.5	1494.5
BG90-../D..18..	542	136	348	1274	288	288	1423.5	1381	1527.5	1423.5
BG90Z-../D..18..	542	322.5	348	1460.5	288	288	1610	1567.5	1714	1610
BG90-../D..20L	643.5	153	363	1392.5	303.5	303.5	1520	1498.5	1626	1520
BG90-../D..22S	703.5	153	363	1452.5	303.5	303.5	1580	1558.5	1686	1580
BG90-../D..22M	703.5	153	363	1452.5	303.5	303.5	1580	1558.5	1686	1580



The dimensions " a^* ", " d^* " and " d_{ML}^* " change dependent on the motor design.
Design state "A" = Standard Length
 Type Example: BK70-74V/DPE08XA4
 Comment: No change to the dimensions shown

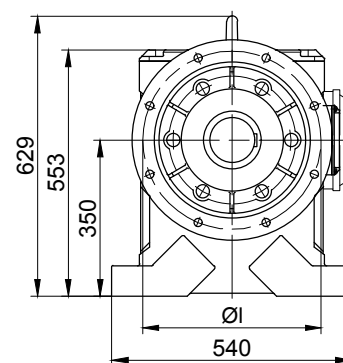
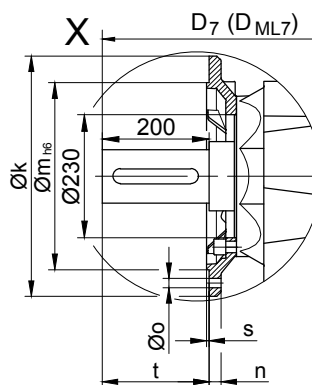
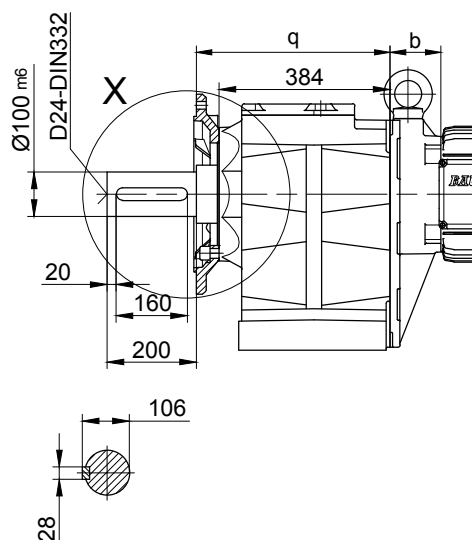
Design state "B" = Extended Length
 Type Example: BK70-74V/DPE08XB4
 Comment: Motor length changes please see Chapter 16 - Additional dimension sheet - Motor Length Comparison

The actual gearbox design can vary from the geometry shown.

BG90 - BG90Z

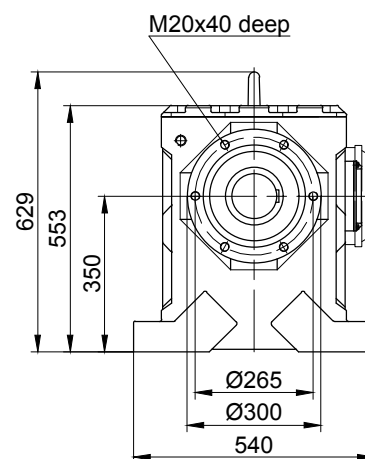
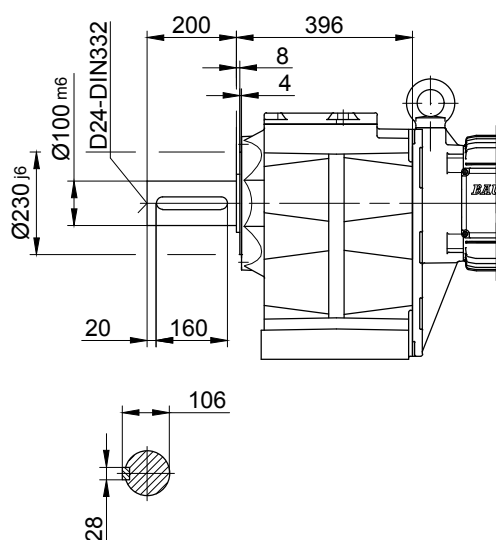
Flange with clearance holes

Code -37/
(Code -47/)



Flange with tapped holes

Code -71/



The actual gearbox design can vary from the geometry shown.

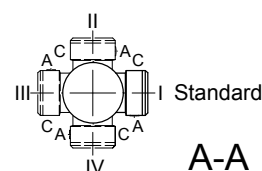
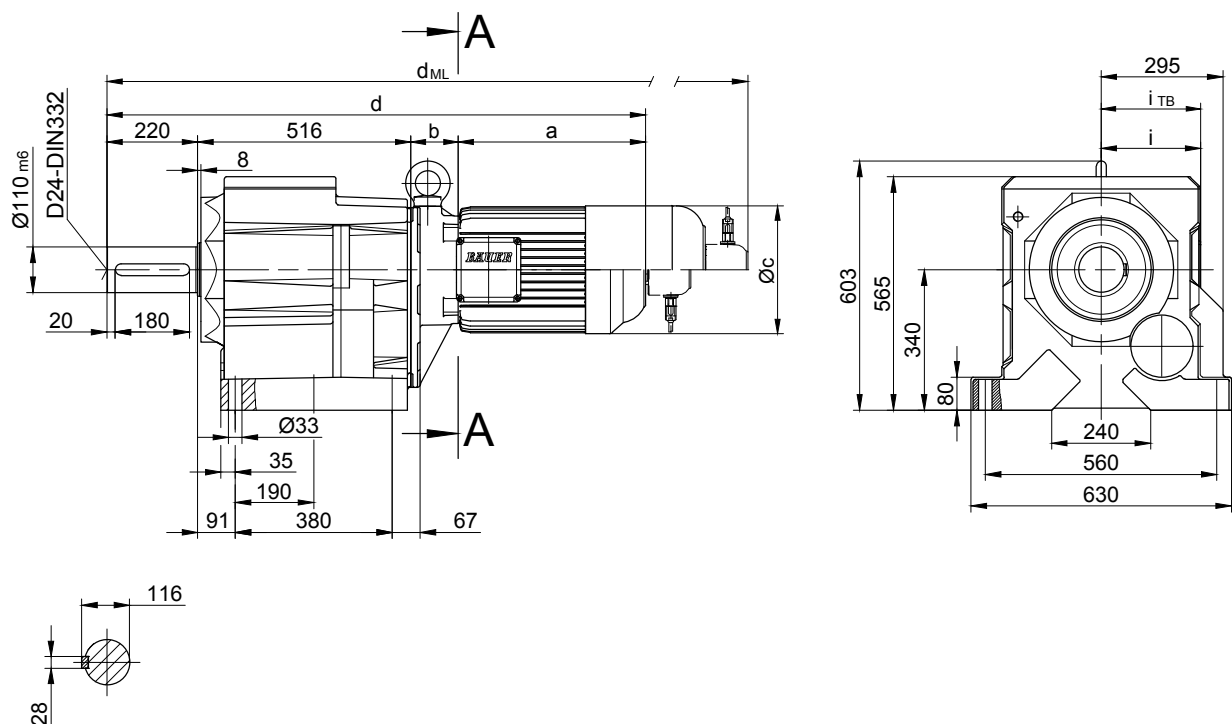
BG-series helical-geared motors

Dimension

BG100 - BG100Z

Foot mounting with clearance holes

Code -11/



A-A

Flange dimensions

BG100(Z)	k	l	m	n	o	q	s	t	D ₇	D _{ML7}
Standard -37/	550	500	450	22	17.5	558	5	220	d+42	d _{ML} +42
big -47/	660	600	550	25	22	552	6	226	d+42	d _{ML} +42

Type	a*	b	c	d*	i	Design with motor extensions				
						i _{TB}	ES../ZS..	G	ES../ZS..-G	RR/RL
BG100Z-../D..09..	251	252.5	181	1239.5	124	158	1332.5	1346.5	1437	1332.5
BG100-../D..11..	319	87	228	1142	181	181	1240	1249	1344.5	1240
BG100Z-../D..11..	319	259	228	1314	181	181	1412	1421	1516.5	1412
BG100-../D..13..	393	100	258	1229	218	218	1340	1336	1444.5	1340
BG100Z-../D..13..	393	272	258	1401	218	218	1512	1508	1616.5	1512
BG100-../D..16..	454.5	114	310	1304.5	244	244	1448	1411.5	1552	1448
BG100Z-../D..16..	454.5	286	310	1476.5	244	244	1620	1583.5	1724	1620
BG100-../D..18..	542	136	348	1414	288	288	1563.5	1521	1667.5	1563.5
BG100Z-../D..18..	542	308	348	1586	288	288	1735.5	1693	1839.5	1735.5
BG100-../D..20L	643.5	153	363	1532.5	303.5	303.5	1660	1638.5	1766	1660
BG100-../D..22S	703.5	153	363	1592.5	303.5	303.5	1720	1698.5	1826	1720
BG100-../D..22M	703.5	153	363	1592.5	303.5	303.5	1720	1698.5	1826	1720



The dimensions "a*", "d*" and "d_{ML}*" change dependent on the motor design.
Design state "A" = Standard Length
 Type Example: BK70-74V/DPE08XA4
 Comment: No change to the dimensions shown

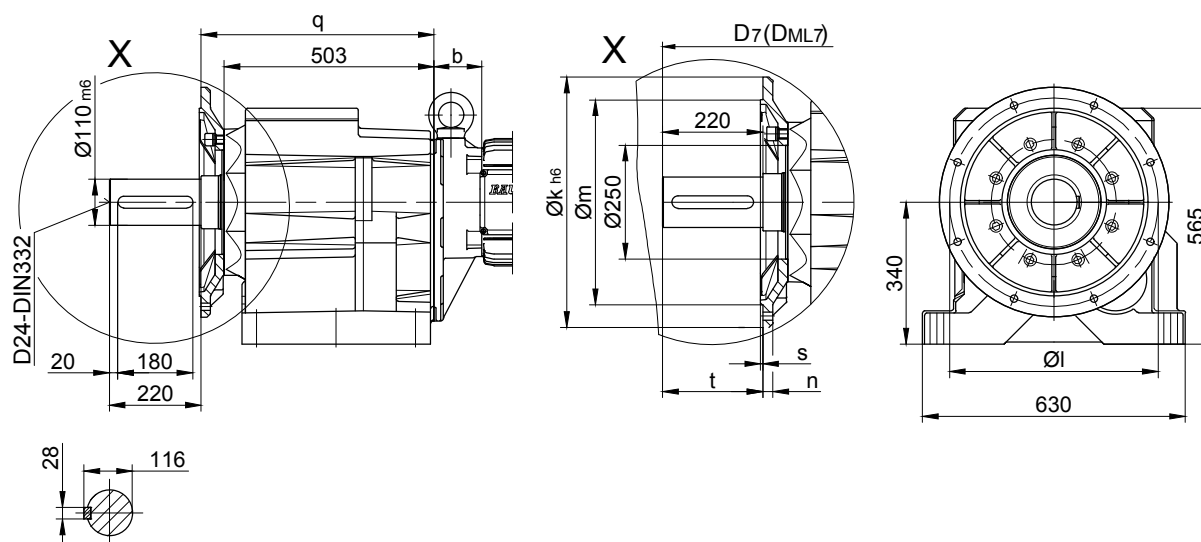
Design state "B" = Extended Length
 Type Example: BK70-74V/DPE08XB4
 Comment: Motor length changes please see Chapter 16 - Additional dimension sheet - Motor Length Comparison

The actual gearbox design can vary from the geometry shown.

BG100 - BG100Z

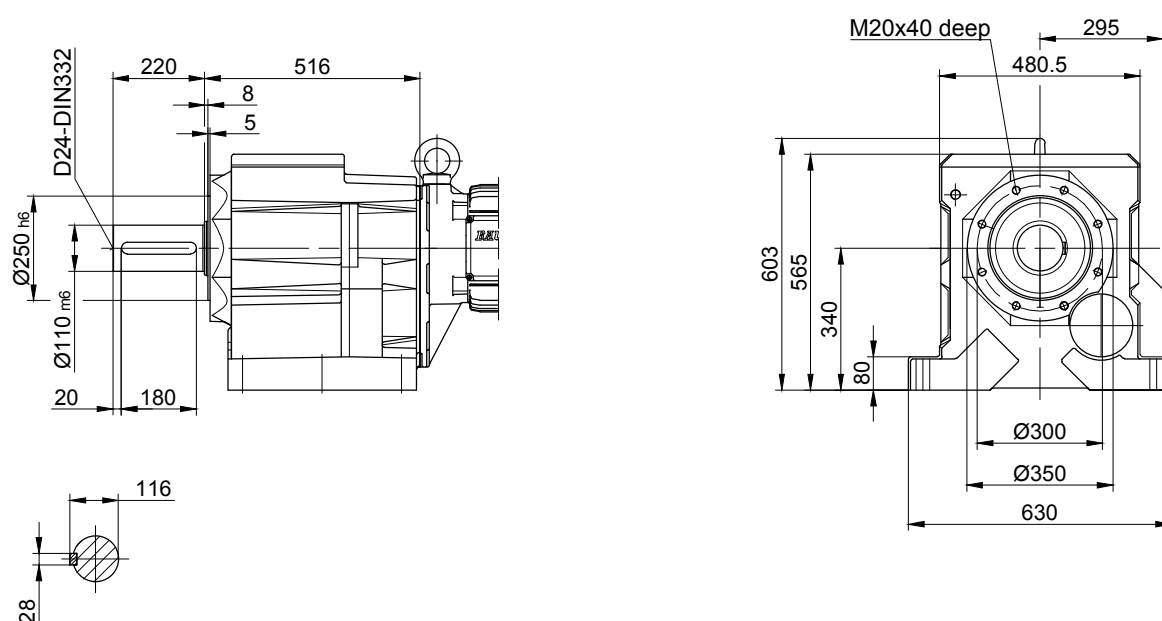
Flange with clearance holes

Code -37/
(Code -47/)



Flange with tapped holes

Code 71/

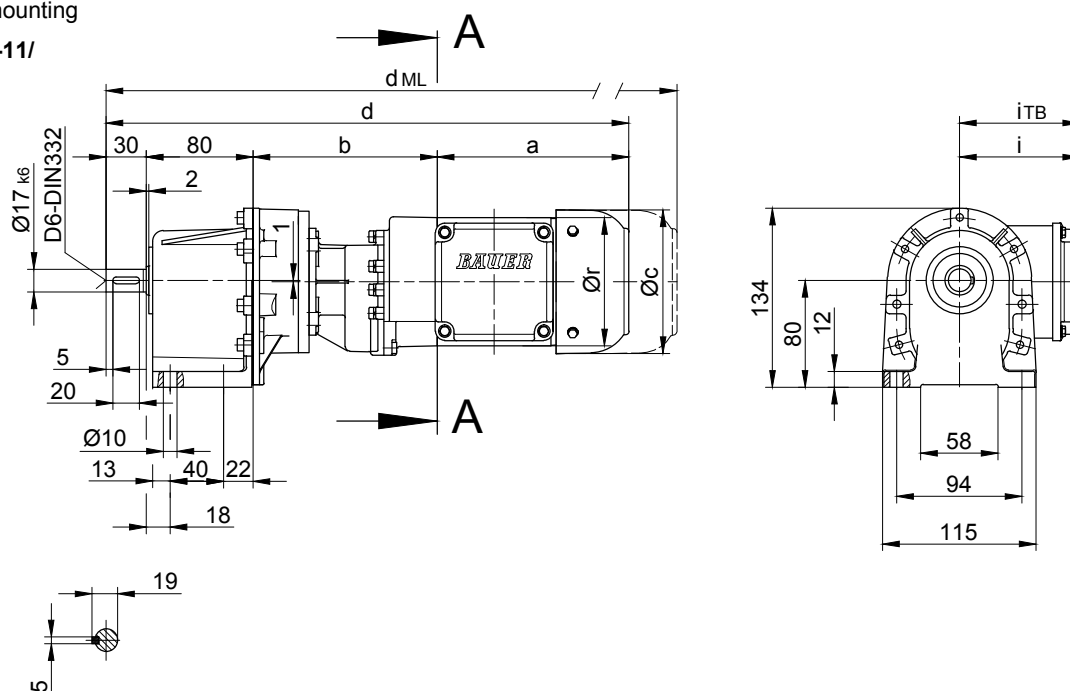


10

The actual gearbox design can vary from the geometry shown.

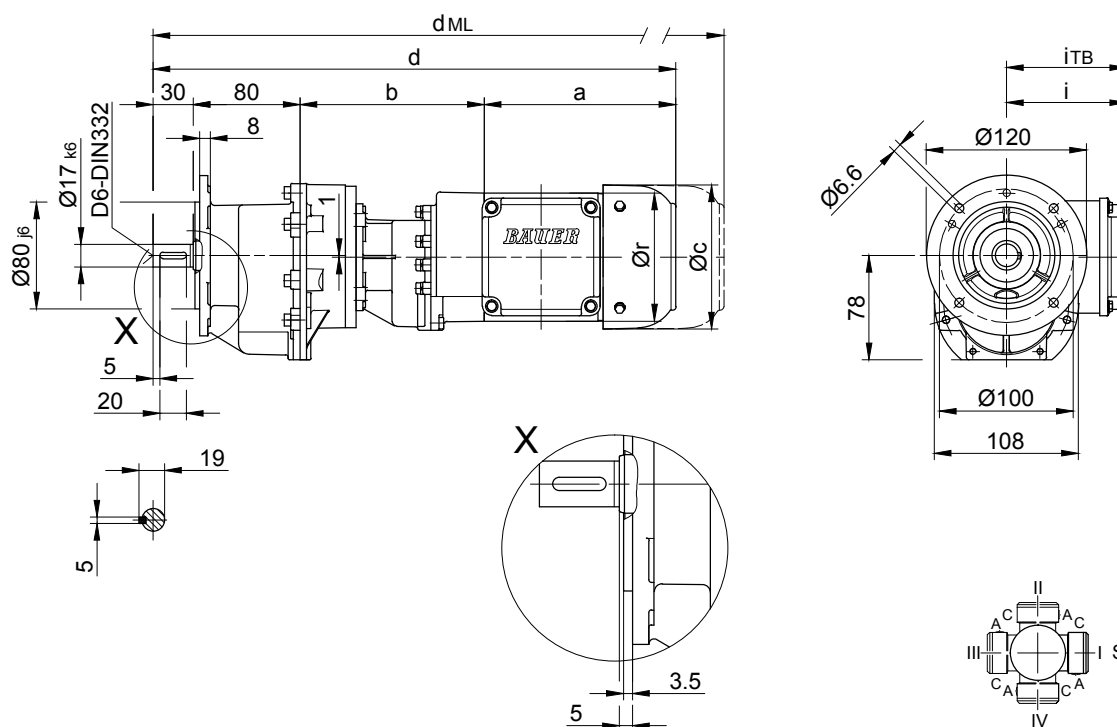
Foot mounting

Code -11/



Flange with clearance holes

Code -31/



10

Type	a	b	c	d	i	r	Design with motor extensions				
							i _{TB}	E.. d _{ML}	G d _{ML}	E.-G d _{ML}	RR/RL d _{ML}
BG06G04-../D04..	143	135	111	388	90	96	112	431.5	450.5	493.5	-

The actual gearbox design can vary from the geometry shown.

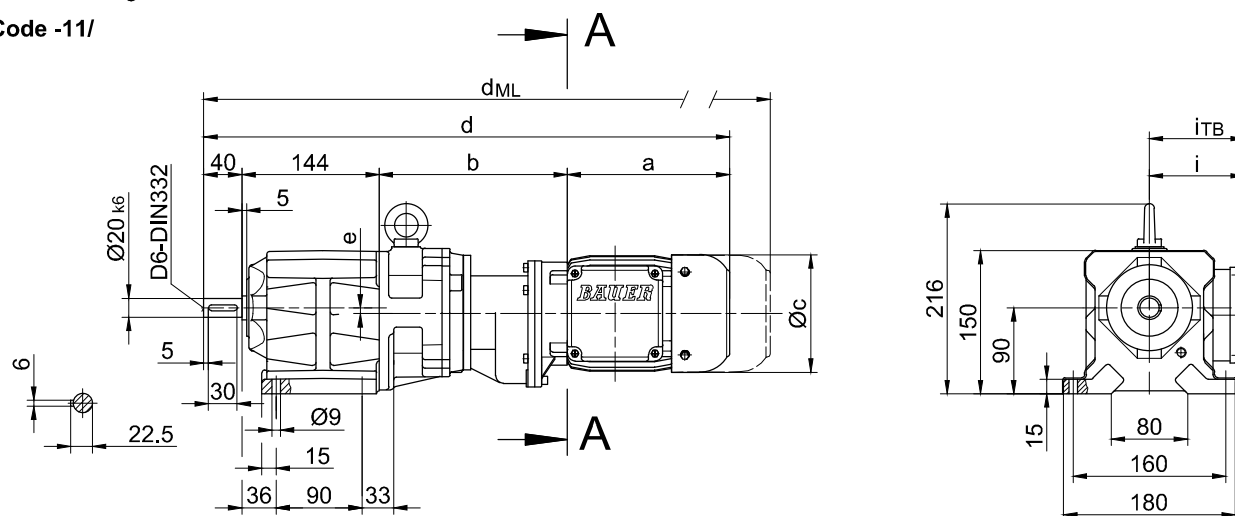
BG-series helical-geared motors

Dimension

BG10G06

Foot mounting with clearance holes

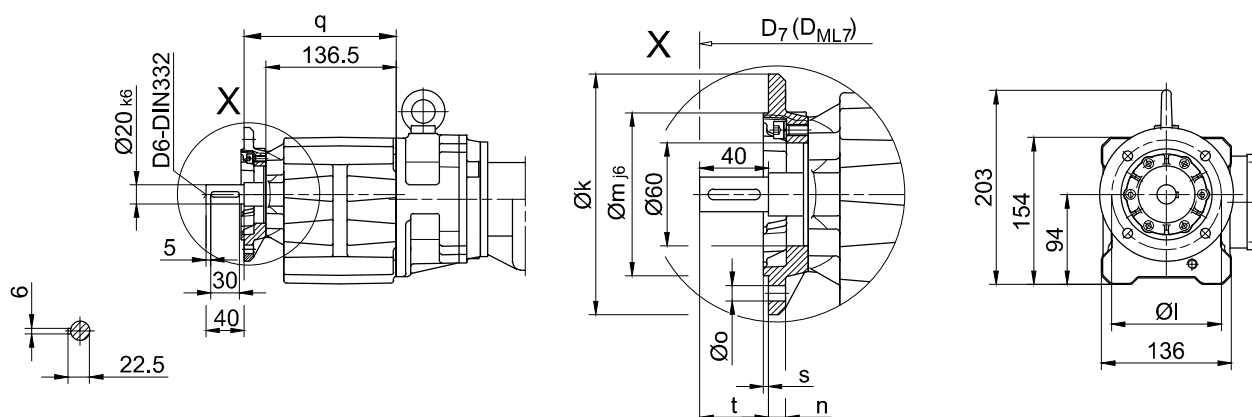
Code -11/



Flange with clearance holes

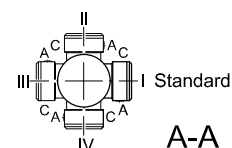
Code -37/

(Code -27/)



Flange dimensions

BG10G..	k	l	m	n	o	q	s	t	D ₇	D _{ML7}
Standard -37/	140	115	95	10	9	159.5	3	40	d+15.5	d _{ML} +15.5
small -27/	120	100	80	8	6.6	154.5	3	45	d+15.5	d _{ML} +15.5



Type	a*	b	c	d*	e	i	Design with motor extensions				
							i _{TB}	E../ES..	G	E../ES..-G	RR/RL
								d _{ML} *	d _{ML} *	d _{ML} *	d _{ML} *
BG10G06-./D04..	143	195	111	522	6	90	112	565.5	584.5	627.5	-
BG10G06-./D05..	170	197	123	551	6	100	117	593	654	695.5	-
BG10G06-./D06..	170	197	123	551	6	100	119	593	654	695.5	-
BG10G06-./D07..	190	197	123	571	6	100	119	613	674	715.5	-
BG10G06-./D..08..	200	241	156	625	6	115	136.5	691	732	798.5	691



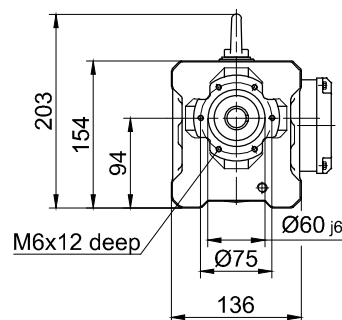
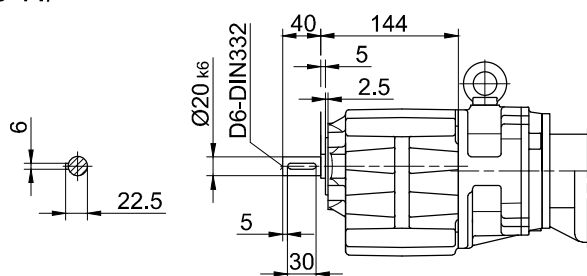
The dimensions "a*", "d*" and "d_{ML}" change dependent on the motor design.
Design state "A" = Standard Length
 Type Example: BK70-74V/DPE08XA4
 Comment: No change to the dimensions shown

Design state "B" = Extended Length
 Type Example: BK70-74V/DPE08XB4
 Comment: Motor length changes please see Chapter 16 - Additional dimension sheet - Motor Length Comparison

The actual gearbox design can vary from the geometry shown.

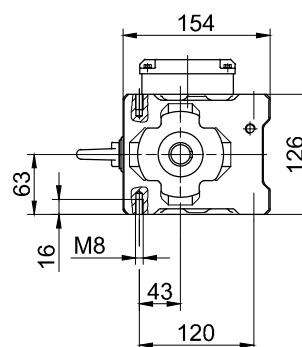
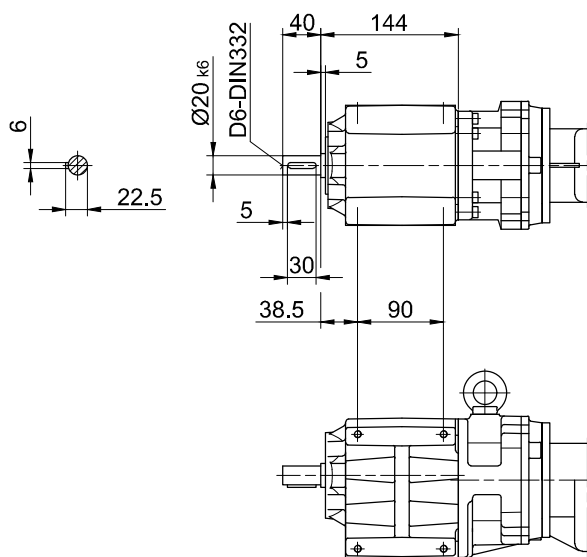
Flange with tapped holes

Code -71/



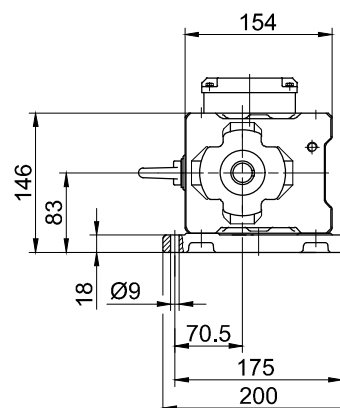
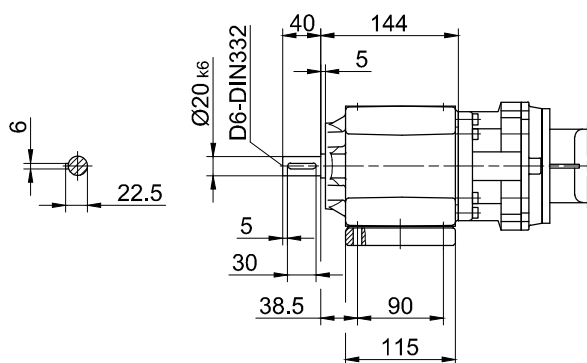
Foot with tapped holes left and right

Code -61LR/



Foot plate left

Code -91L/



The actual gearbox design can vary from the geometry shown.

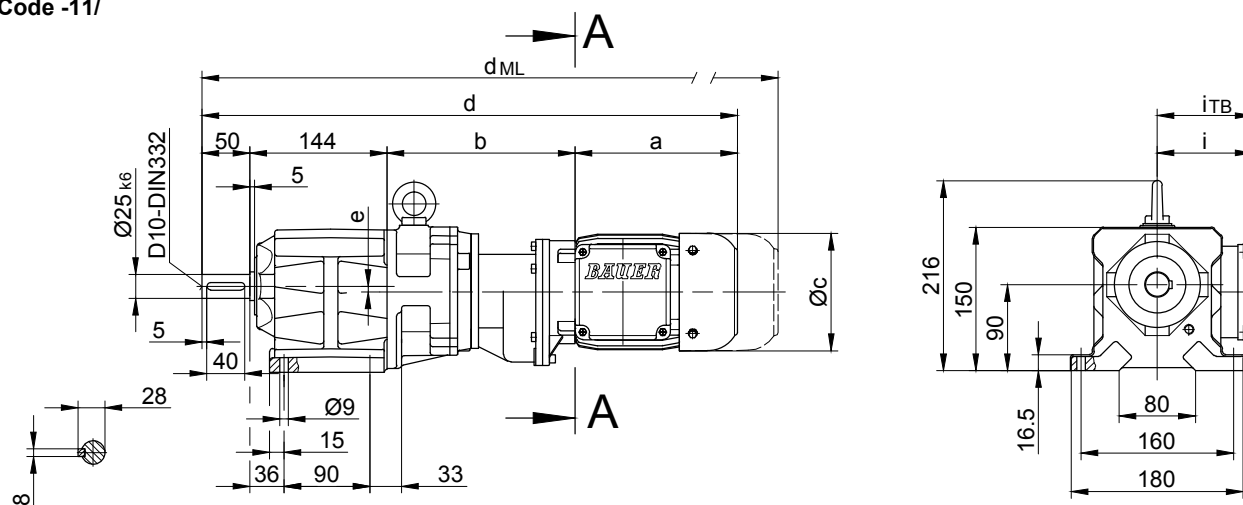
BG-series helical-geared motors

Dimension

BG10XG06

Foot mounting with clearance holes

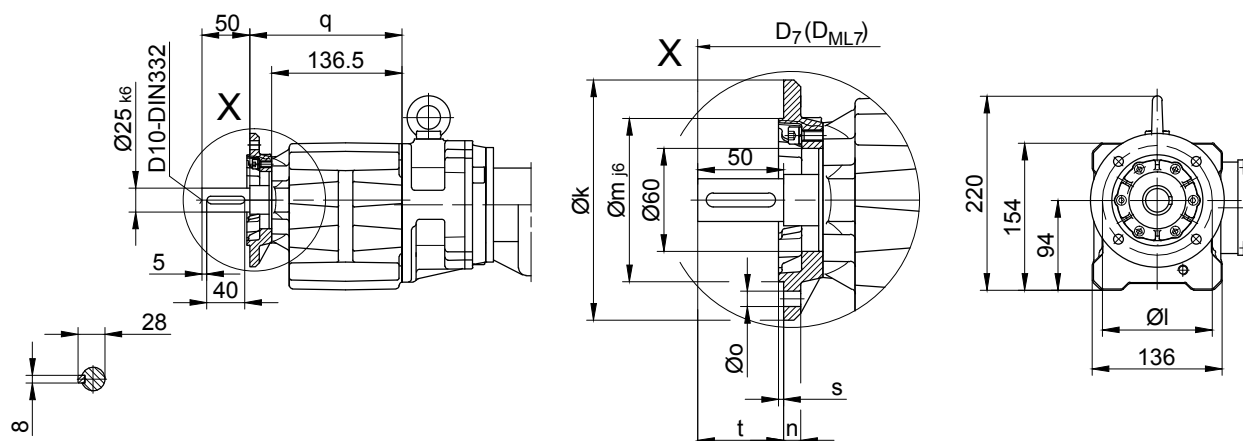
Code -11/



Flange with clearance holes

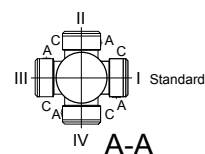
Code -37/

(Code -27/)



Flange dimensions

BG10XG..	k	l	m	n	o	q	s	t	D ₇	D _{ML7}
Standard -37/	140	115	95	10	9	159.5	3	50	d+15.5	d _{ML} +15.5
small -27/	120	100	80	8	6.6	154.5	3	55	d+15.5	d _{ML} +15.5



Type	a*	b	c	d*	e	i	Design with motor extensions				
							i _{TB}	E../ES..	G	E../ES..-G	RR/RL
								d _{ML} *	d _{ML} *	d _{ML} *	d _{ML} *
BG10XG06-../D04..	143	195	111	532	6	90	112	575.5	594.5	637.5	-
BG10XG06-../D05..	170	197	123	561	6	100	117	603	664	705.5	-
BG10XG06-../D06..	170	197	123	561	6	100	119	603	664	705.5	-
BG10XG06-../D07..	190	197	123	581	6	100	119	623	684	725.5	-
BG10XG06-../D..08..	200	241	156	635	6	115	136.5	701	742	808.5	701



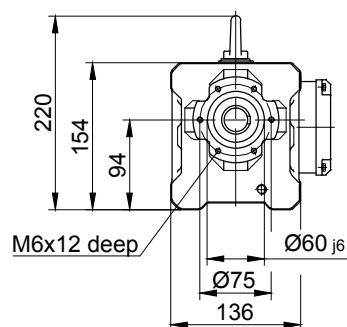
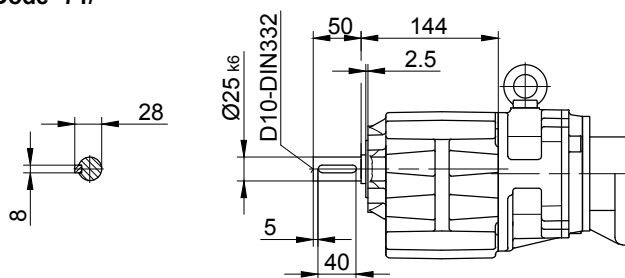
The dimensions "a*", "d*" and "d_{ML}" change dependent on the motor design.
Design state "A" = Standard Length
 Type Example: BK70-74V/DPE08XA4
 Comment: No change to the dimensions shown

Design state "B" = Extended Length
 Type Example: BK70-74V/DPE08XB4
 Comment: Motor length changes please see Chapter 16 - Additional dimension sheet - Motor Length Comparison

The actual gearbox design can vary from the geometry shown.

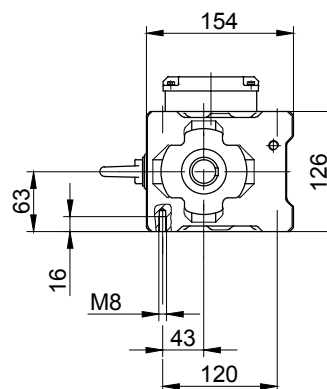
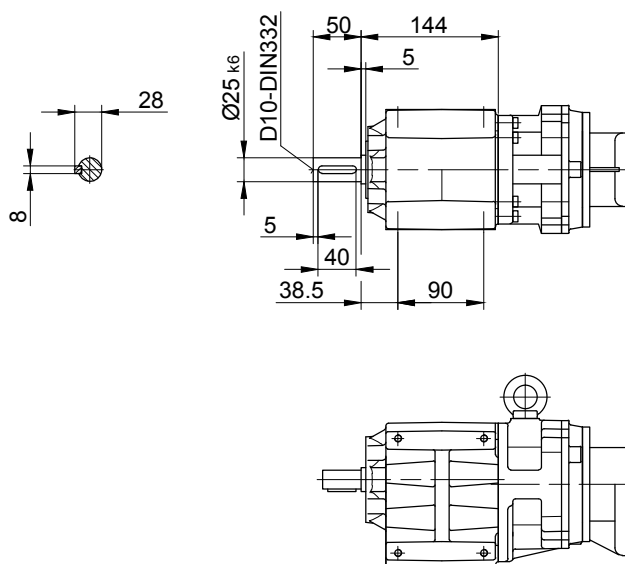
Flange with tapped holes

Code -71/



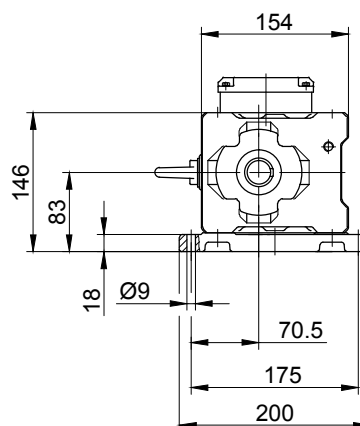
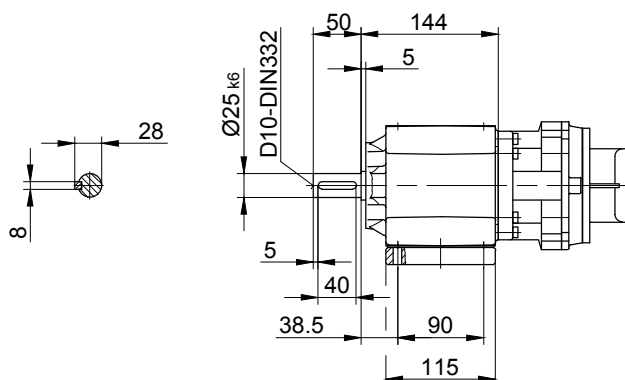
Foot with tapped holes left and right

Code -61LR/



Foot plate left

Code -91L/



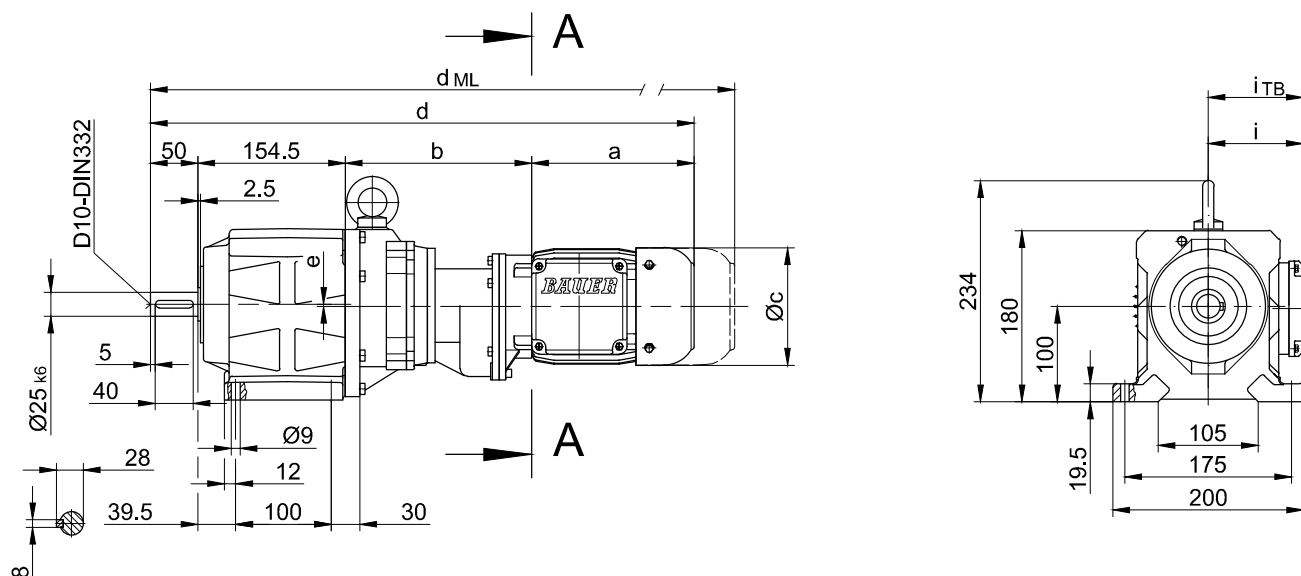
The actual gearbox design can vary from the geometry shown.

Dimension

BG20G06

Foot mounting with clearance holes

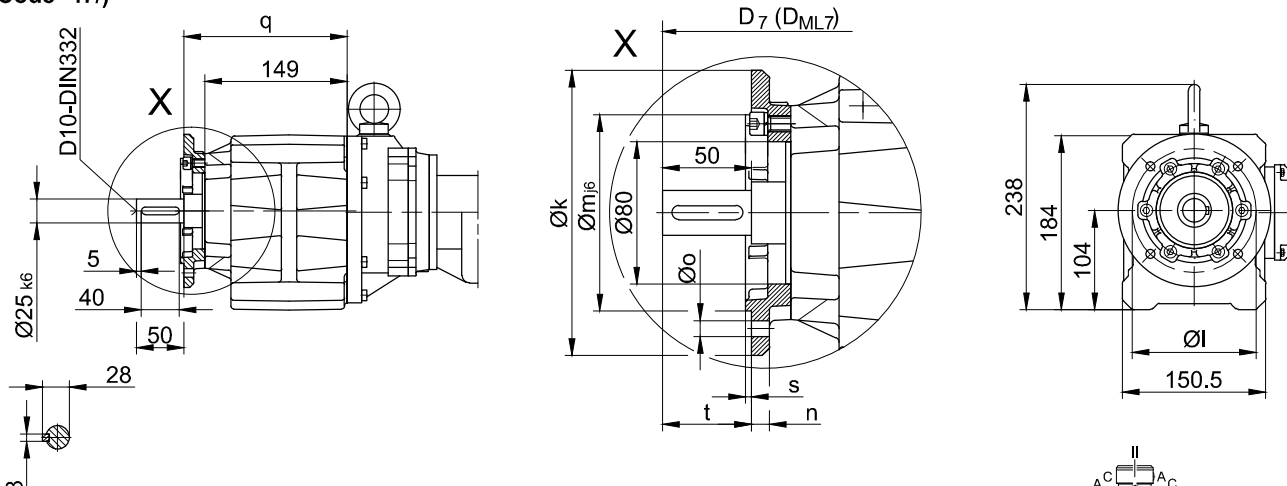
Code -11/



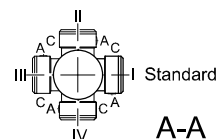
Flange with clearance holes

Code -37/

(Code -47/)



Flange dimensions



BG20G..	k	l	m	n	o	q	s	t	D ₇	D _{ML7}
Standard -37/	160	130	110	10	9	171	3.5	50	d+16.5	d _{ML} +16.5
big -47/	200	165	130	12	11	178	3.5	43	d+16.5	d _{ML} +16.5

Type	a*	b	c	d*	e	i	Design with motor extensions				
							i _{TB}	E../ES..	G	E../ES..-G	RR/RL
								d _{ML} *	d _{ML} *	d _{ML} *	d _{ML} *
BG20G06-../D04..	143	193	111	540.5	2	90	112	584	603	646	-
BG20G06-../D05..	170	195	123	569.5	2	100	117	611.5	672.5	714	-
BG20G06-../D06..	170	195	123	569.5	2	100	119	611.5	672.5	714	-
BG20G06-../D07..	190	195	123	589.5	2	100	119	631.5	692.5	734	-
BG20G06-../D..08..	200	239	156	643.5	2	115	136.5	709.5	750.5	817	709.5



The dimensions " $\mathbf{a}^*$ ", " $\mathbf{d}^*$ " and " $\mathbf{d}_{ML}^*$ " change dependent on the motor design.

Design state "A" = Standard Length

Type Example: BK70-74V/DPE08XA4

Comment: No change to the dimensions shown

Design state "B" = Extended Length

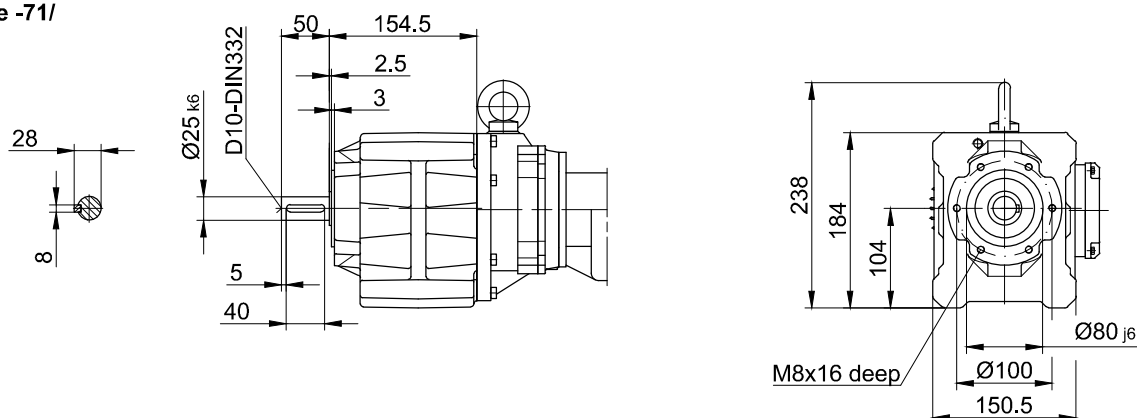
Type Example: BK70-74V/DPE08XB4

Comment: Motor length changes
please see Chapter 16 -
Additional dimension sheet -
Motor Length Comparison

The actual gearbox design can vary from the geometry shown.

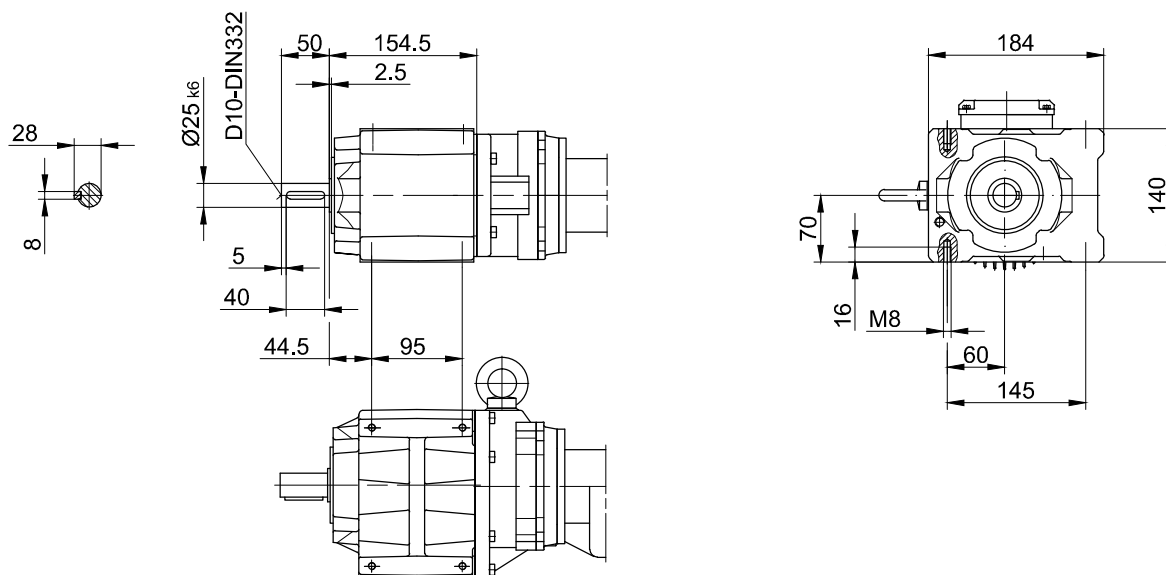
Fange with tapped holes

Code -71/



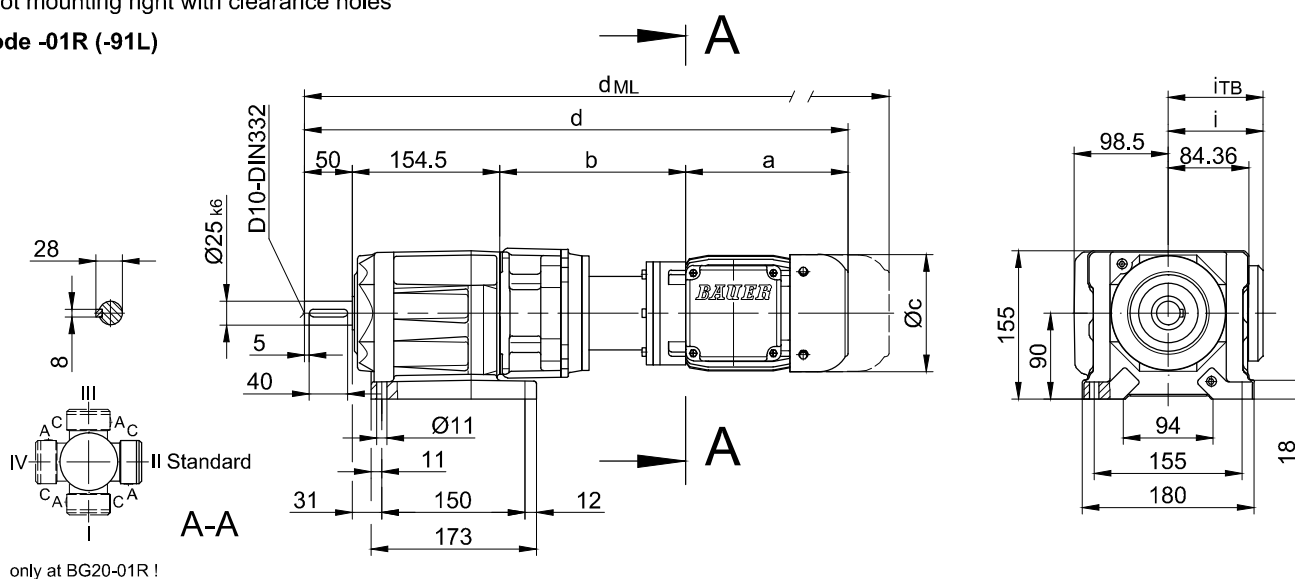
Foot with tapped holes left and right

Code -61LR/



Foot mounting right with clearance holes

Code -01R (-91L)



only at BG20-01R !

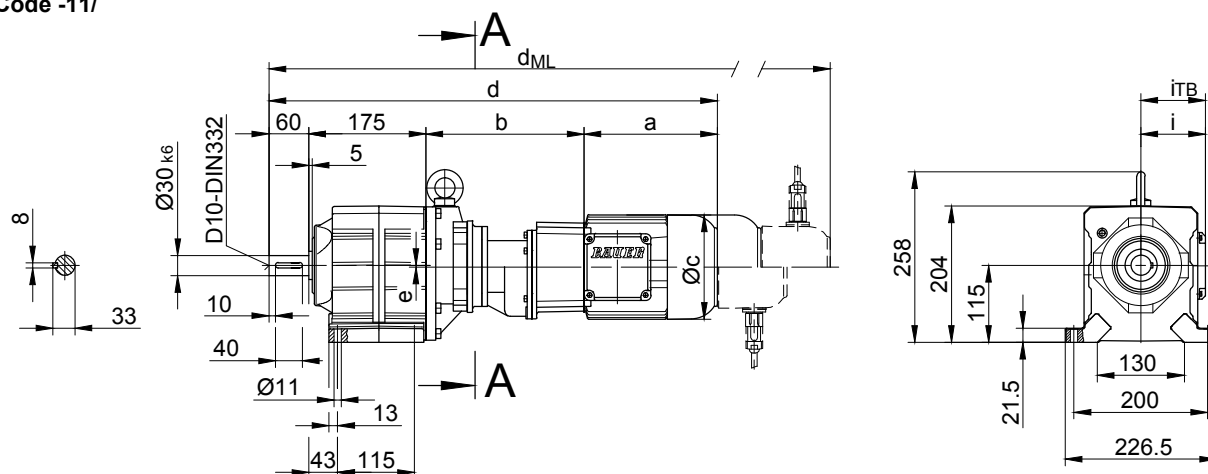
The actual gearbox design can vary from the geometry shown.

Dimension

BG30G06

Foot mounting with clearance holes

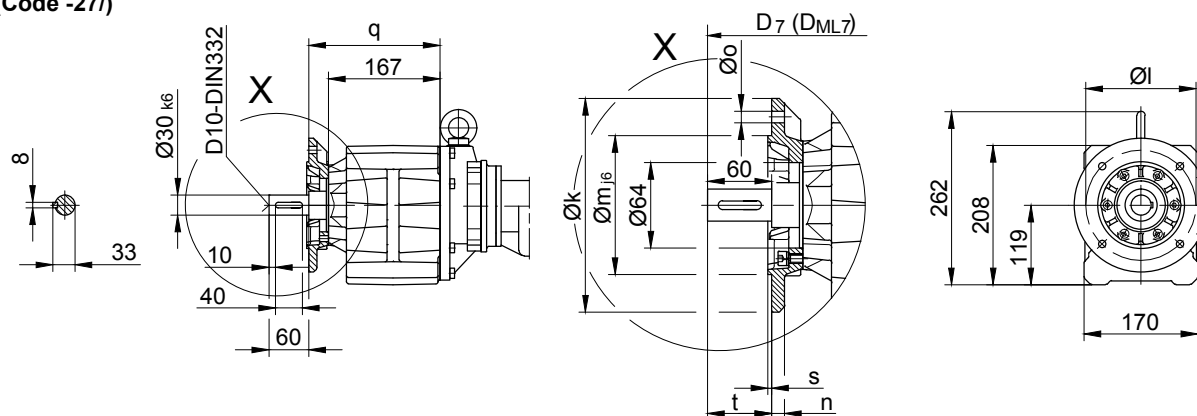
Code -11/



Flange with clearance holes

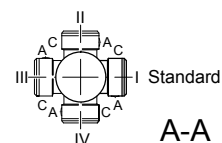
Code -37/

(Code -27/)



Flange dimensions

BG30G..	k	l	m	n	o	q	s	t	D ₇	D _{ML7}
Standard -37/	200	165	130	12	11	196	3.5	60	d+21	d _{ML} +21
small -27/	160	130	110	10	9	189	3.5	67	d+21	d _{ML} +21



Type	a*	b	c	d*	e	i	Design with motor extensions				
							i _{TB}	E../ES..	G	E../ES..-G	RR/RL
								d _{ML} *	d _{ML} *	d _{ML} *	d _{ML} *
BG30G06-../D04..	143	191	111	569	3	90	112	612.5	631.5	674.5	-
BG30G06-../D05..	170	193	123	598	3	100	117	640	701	742.5	-
BG30G06-../D06..	170	193	123	598	3	100	119	640	701	742.5	-
BG30G06-../D07..	190	193	123	618	3	100	119	660	721	762.5	-
BG30G06-../D..08..	200	237	156	672	3	115	136.5	738	779	845.5	738



The dimensions "**a***," "**d***" and "**d_{ML}***" change dependent on the motor design.

Design state "A" = Standard Length

Type Example: BK70-74V/DPE08XA4

Comment:	No change to the dimensions shown
----------	-----------------------------------

Design state "B" = Extended Length

Type Example: BK70-74V/DPE08XB4

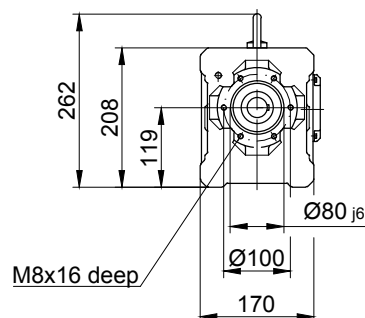
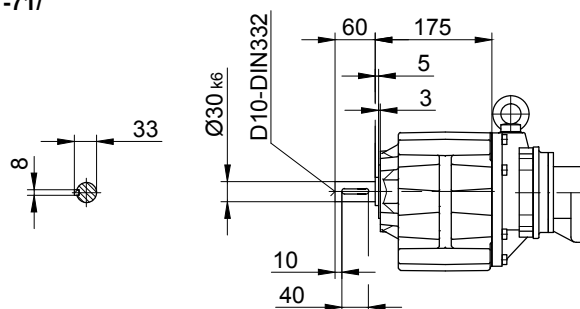
Type Example: BR70 74VDT E60XB4
Comment: Motor length changes
please see Chapter 16 -
Additional dimension sheet -
Motor Length Comparison

The actual gearbox design can vary from the geometry shown.

BG30G06

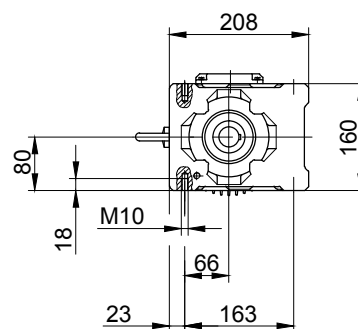
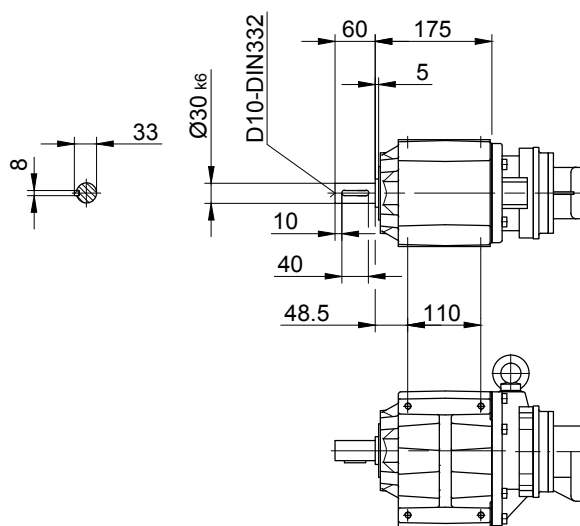
Flange with tapped holes

Code -71/



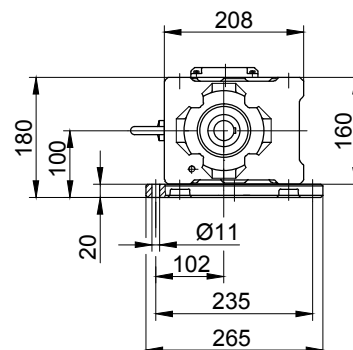
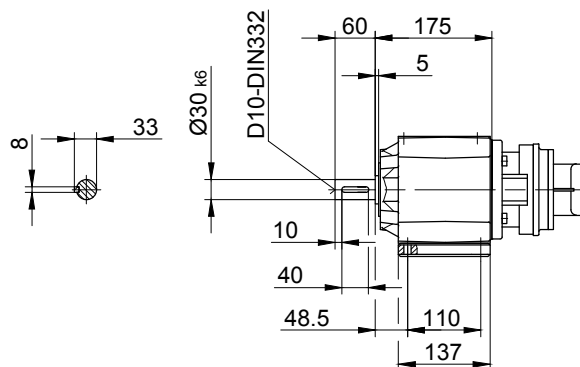
Foot with tapped holes left and right

Code -61LR/



Foot plate left

Code -91L/



The actual gearbox design can vary from the geometry shown.

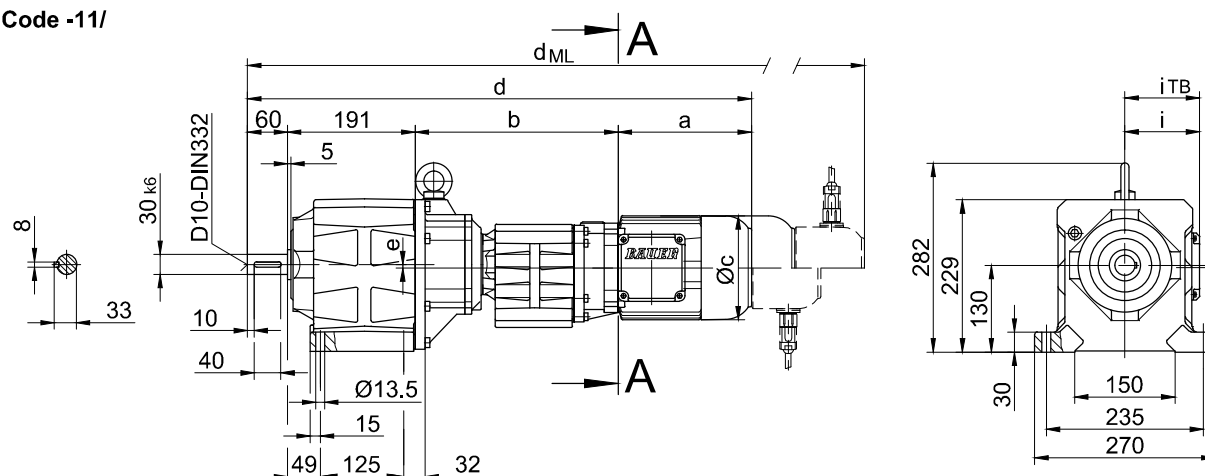
BG-series helical-geared motors

Dimension

BG40G10

Foot mounting with clearance holes

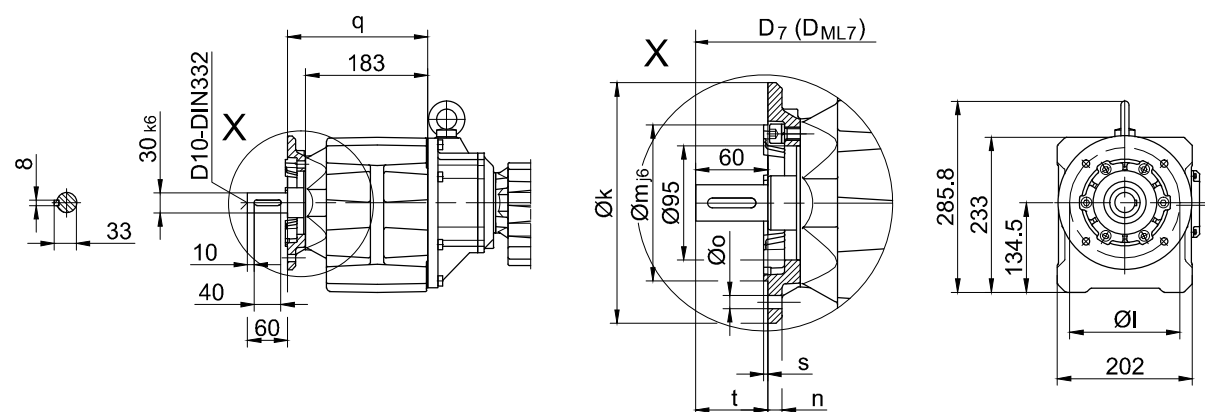
Code -11/



Flange with clearance holes

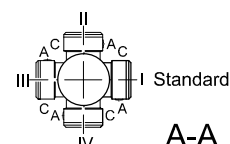
Code -37/

(Code -47/)



Flange dimensions

BG40G..	k	l	m	n	o	q	s	t	D ₇	D _{ML7}
Standard -37/	200	165	130	12	11	210	3.5	60	d+19	d _{ML} +19
big -47/	250	215	180	16	13.5	219	4	51	d+19	d _{ML} +19



Type	a*	b	c	d*	e	i	Design with motor extensions				
							i _{TB}	E../ES..	G	E../ES..-G	RR/RL
								d _{ML} *	d _{ML} *	d _{ML} *	d _{ML} *
BG40G10-../D05..	170	300	123	721	5	100	117	763	824	865.5	-
BG40G10-../D06..	170	300	123	721	5	100	119	763	824	865.5	-
BG40G10-../D07..	190	300	123	741	5	100	119	783	844	887	-
BG40G10-../D..08..	200	304	156	755	5	115	136.5	821	862	928.5	821
BG40G10-../D..09..	251	318.5	181	820.5	5	124	158	913.5	927.5	1018	913.5



The dimensions "a*", "d*" and "d_{ML}" change dependent on the motor design.
Design state "A" = Standard Length
 Type Example: BK70-74V/DPE08XA4
 Comment: No change to the dimensions shown

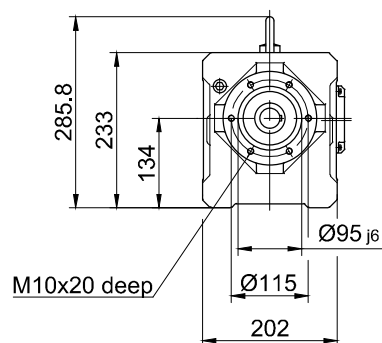
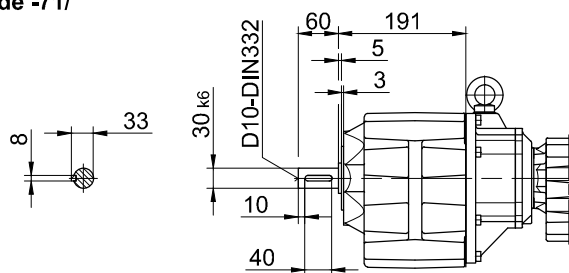
Design state "B" = Extended Length
 Type Example: BK70-74V/DPE08XB4
 Comment: Motor length changes please see Chapter 16 - Additional dimension sheet - Motor Length Comparison

The actual gearbox design can vary from the geometry shown.

BG40G10

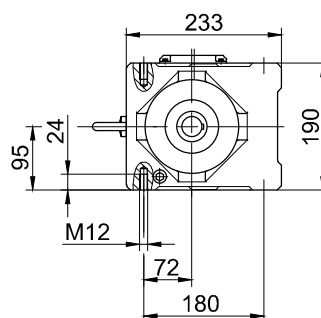
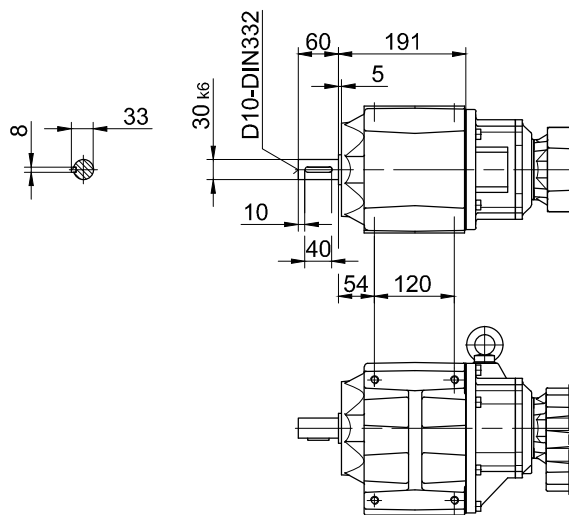
Flange with tapped holes

Code -71/



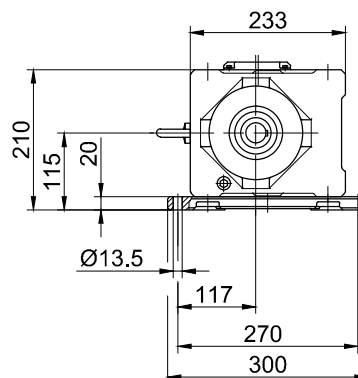
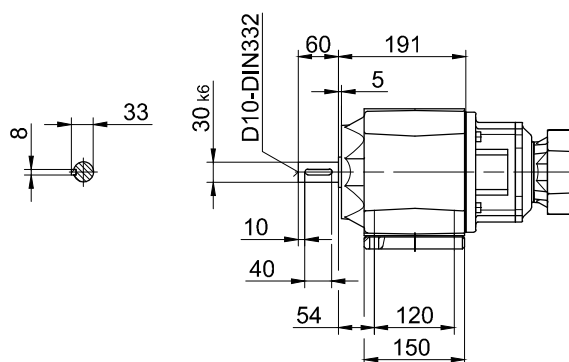
Foot with tapped holes left and right

Code -61LR/



Foot plate left

Code -91L/



The actual gearbox design can vary from the geometry shown.

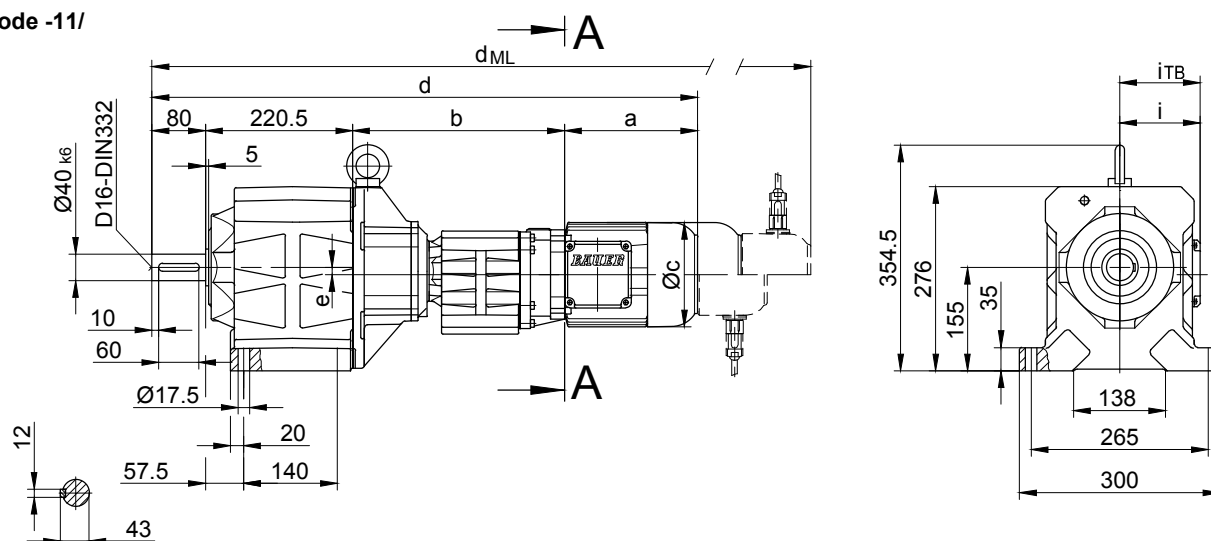
BG-series helical-geared motors

Dimension

BG50G10

Foot mounting with clearance holes

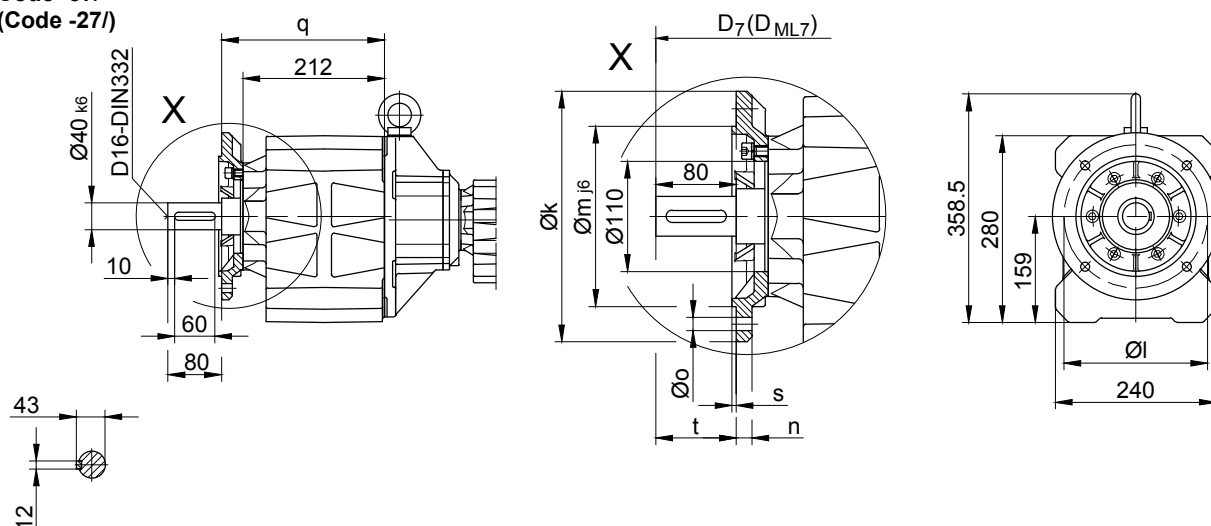
Code -11/



Flange with clearance holes

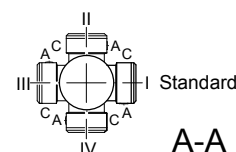
Code -37/

(Code -27/)



Flange dimensions

BG50G..	k	l	m	n	o	q	s	t	D ₇	D _{ML7}
Standard -37/	250	215	180	16	13.5	244	4	80	d+23.5	d _{ML} +23.5
small -27/	200	165	130	12	11	241	3.5	83	d+23.5	d _{ML} +23.5



Type	a*	b	c	d*	e	i	Design with motor extensions				
							i _{TB}	E../ES..	G	E../ES..-G	RR/RL
								d _{ML} *	d _{ML} *	d _{ML} *	d _{ML} *
BG50G10-../D05..	170	313	123	783.5	11	100	117	825.5	886.5	928	-
BG50G10-../D06..	170	313	123	783.5	11	100	119	825.5	886.5	928	-
BG50G10-../D07..	190	313	123	803.5	11	100	119	845.5	906.5	948	-
BG50G10-../D..08..	200	317	156	817.5	11	115	136.5	883.5	924.5	991	883.5
BG50G10-../D..09..	251	331.5	181	883	11	124	158	976	990	1080.5	976



The dimensions "a*", "d*" and "d_{ML}" change dependent on the motor design.
Design state "A" = Standard Length
 Type Example: BK70-74V/DPE08XA4
 Comment: No change to the dimensions shown

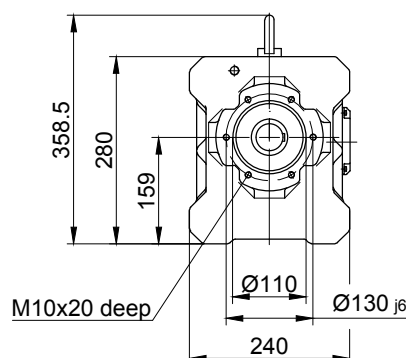
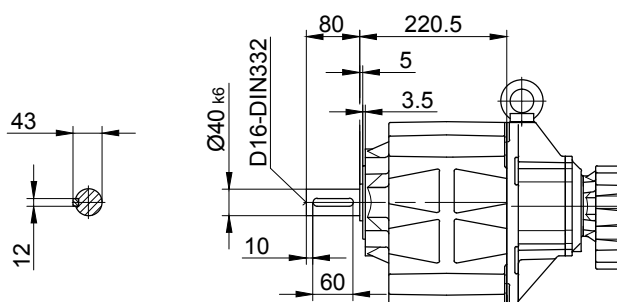
Design state "B" = Extended Length
 Type Example: BK70-74V/DPE08XB4
 Comment: Motor length changes please see Chapter 16 - Additional dimension sheet - Motor Length Comparison

The actual gearbox design can vary from the geometry shown.

BG50G10

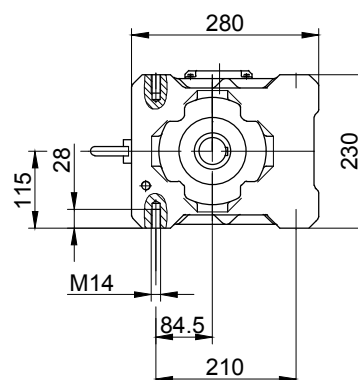
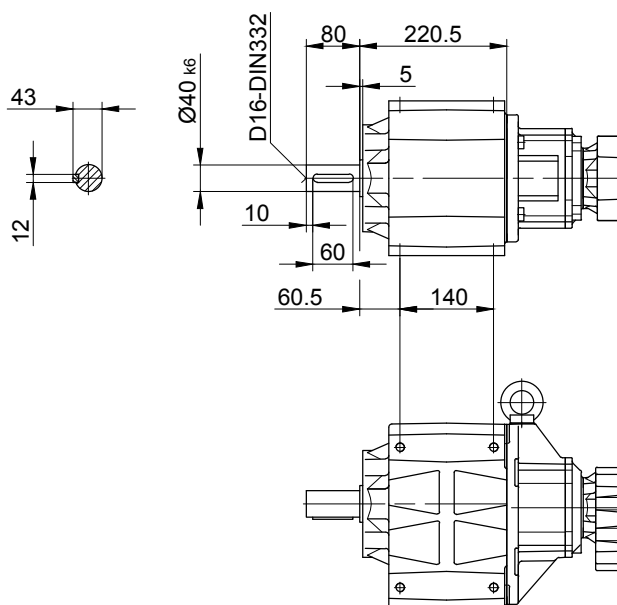
Flange with tapped holes

Code -71/



Foot with tapped holes left and right

Code -61LR/



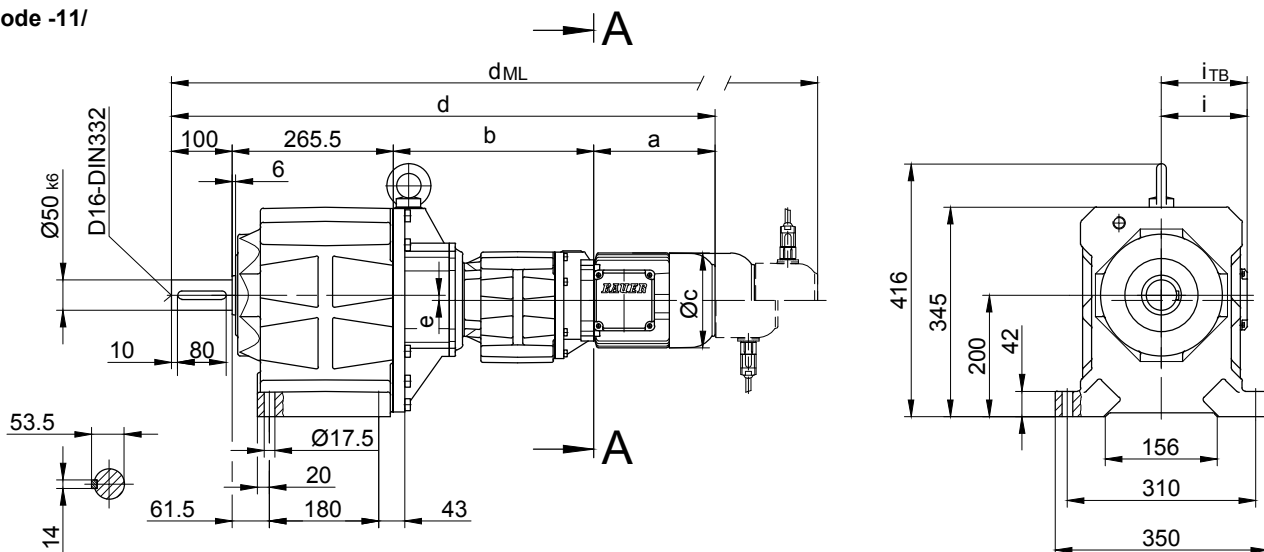
BG-series helical-geared motors

Dimension

BG60G20

Foot mounting with clearance holes

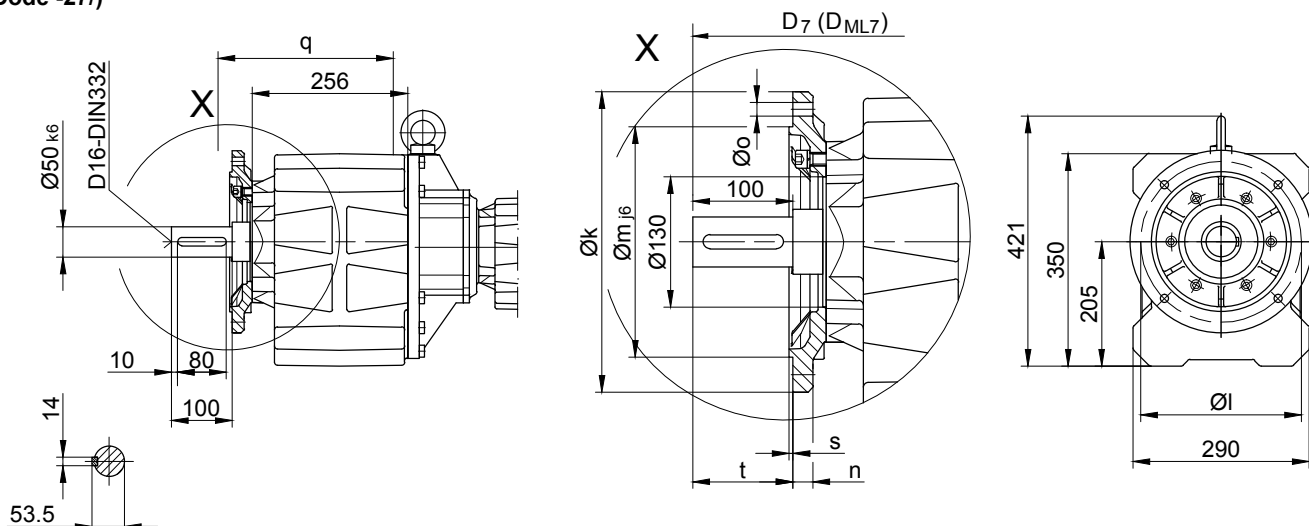
Code -11/



Flange with clearance holes

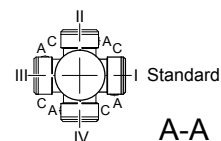
Code -37/

(Code -27/)



Flange dimensions

BG60G..	k	l	m	n	o	q	s	t	D_7	D_{ML7}
Standard -37/	300	265	230	20	13.5	289	4	100	$d+23.5$	$d_{ML}+23.5$
small -27/	250	215	180	16	13.5	286	4	103	$d+23.5$	$d_{ML}+23.5$



Type	a^*	b	c	d^*	e	i	Design with motor extensions				
							i_{TB}	E../ES..	G	E../ES..-G	RR/RL
								d_{ML}^*	d_{ML}^*	d_{ML}^*	d_{ML}^*
BG60G20-../D05..	170	326	123	861.5	8.5	100	117	903.5	964.5	1006	-
BG60G20-../D06..	170	326	123	861.5	8.5	100	119	903.5	964.5	1006	-
BG60G20-../D07..	190	326	123	881.5	8.5	100	119	923.5	984.5	1026	-
BG60G20-../D..08..	200	330	156	895.5	8.5	115	136.5	961.5	1002.5	1069	961.5
BG60G20-../D..09..	251	344.5	181	961	8.5	124	158	1054	1068	1158.5	1054



The dimensions " a^* ", " d^* " and " d_{ML}^* " change dependent on the motor design.
Design state "A" = Standard Length
 Type Example: BK70-74V/DPE08XA4
 Comment: No change to the dimensions shown

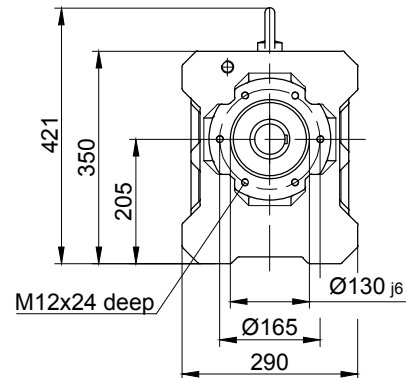
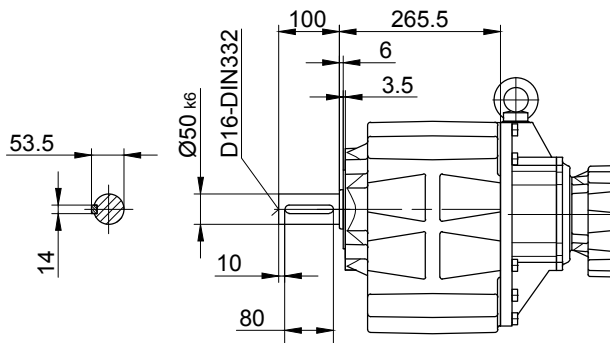
Design state "B" = Extended Length
 Type Example: BK70-74V/DPE08XB4
 Comment: Motor length changes please see Chapter 16 - Additional dimension sheet - Motor Length Comparison

The actual gearbox design can vary from the geometry shown.

BG60G20

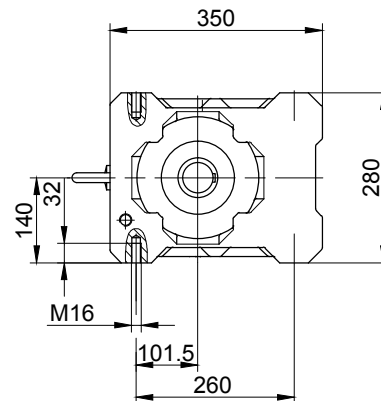
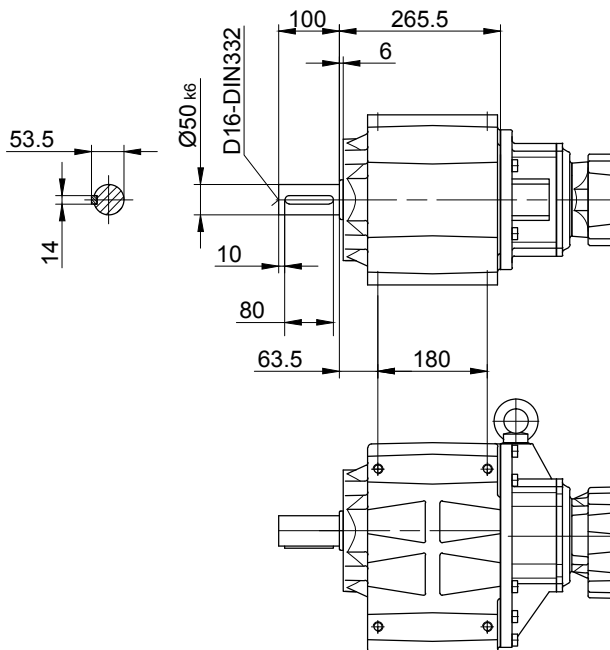
Flange with tapped holes

Code -71/



Foot with tapped holes left and right

Code -61LR/

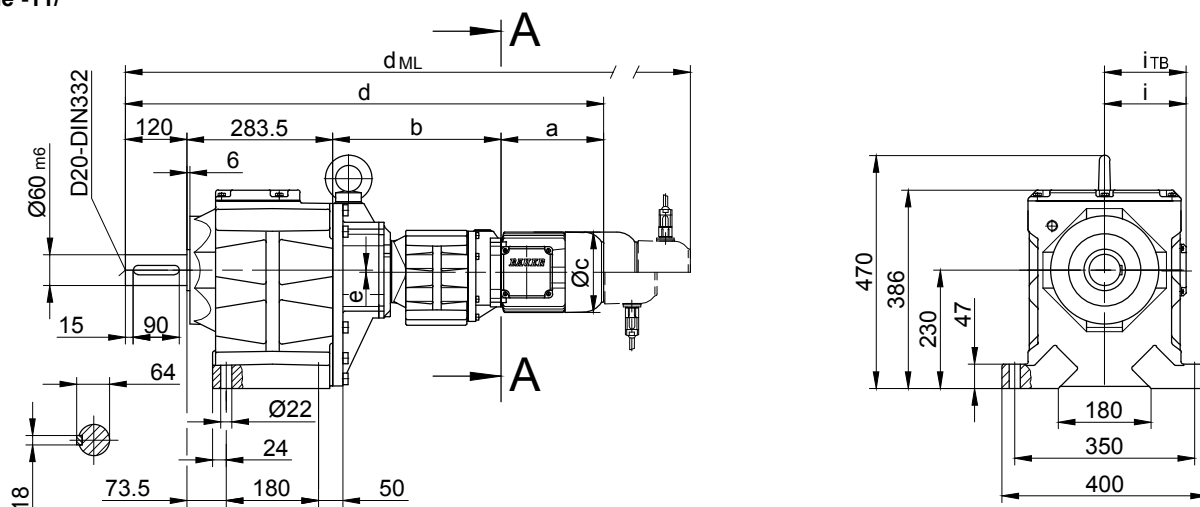


Dimension

BG70G20

Foot mounting with clearance holes

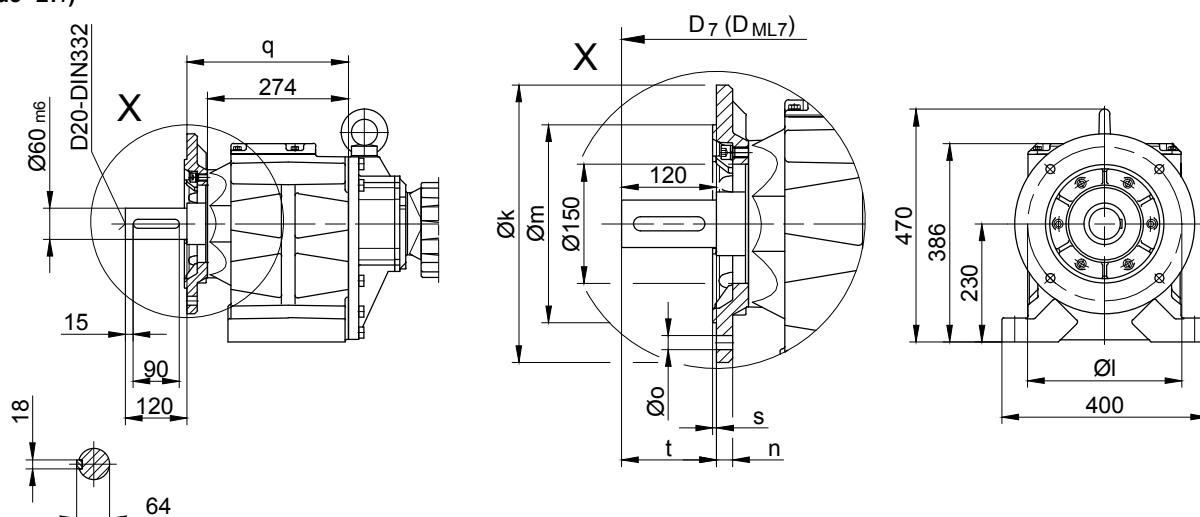
Code -11/



Flange with clearance holes

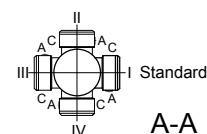
Code -37/

(Code -27/)



Flange dimensions

BG70G..	k	l	m	n	o	q	s	t	D ₇	D _{ML7}
Standard -37/	350	300	250 _{h6}	20	17.5	314	5	120	d+30.5	d _{ML} +30.5
small -27/	300	265	230 _{j6}	20	13.5	322	4	112	d+30.5	d _{ML} +30.5



Type	a*	b	c	d*	e	i	Design with motor extensions				
							i _{TB}	E../ES..	G	E../ES...-G	RR/RL
								d _{ML} *	d _{ML} *	d _{ML} *	d _{ML} *
BG70G20-../D05..	170	324	123	897.5	1	100	117	939.5	1000.5	1042	-
BG70G20-../D06..	170	324	123	897.5	1	100	119	939.5	1000.5	1042	-
BG70G20-../D07..	190	324	123	917.5	1	100	119	959.5	1020.5	1062	-
BG70G20-../D..08..	200	328	156	931.5	1	115	136.5	997.5	1038.5	1105	997.5
BG70G20-../D..09..	251	342.5	181	997	1	124	158	1090	1104	1194.5	1090



The dimensions "**a***", "**d***" and "**d_{ML}***" change dependent on the motor design.

Design state "A" = Standard Length

Type Example: BK70-74V/DPE08XA4

Comment: No change to the dimensions shown

Design state "B" = Extended Length

Type Example: BK70-74V/DPE08XB4

Comment:

please see Chapter 16 -

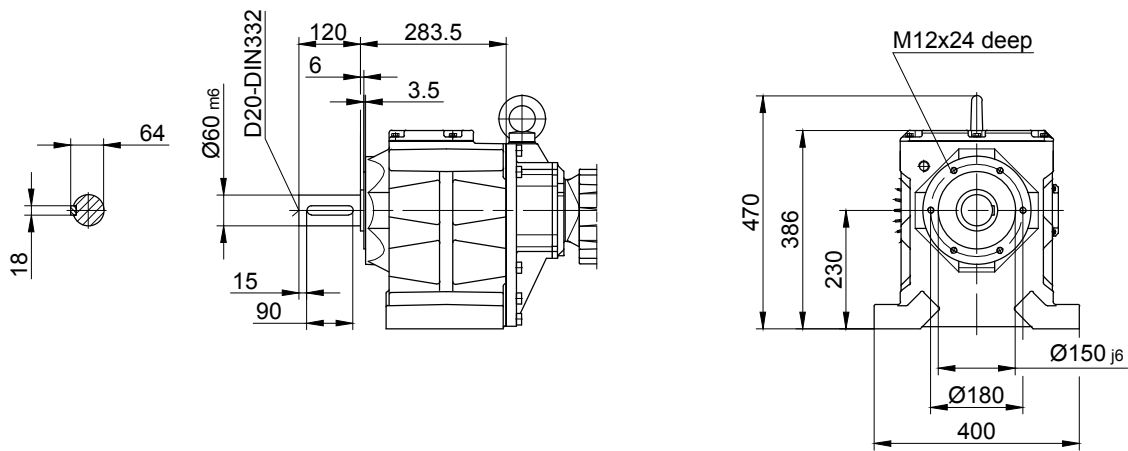
Additional dimension sheet -
Motor Length Comparison

The actual gearbox design can vary from the geometry shown.

BG70G20

Flange with tapped holes

Code -71/



The actual gearbox design can vary from the geometry shown.

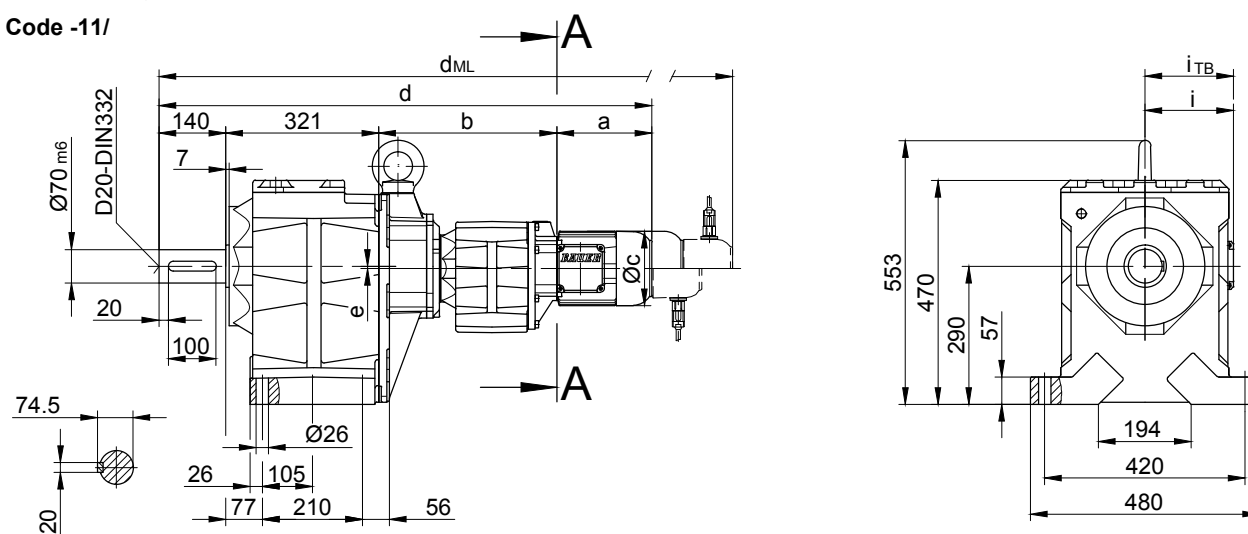
BG-series helical-geared motors

Dimension

BG80G40

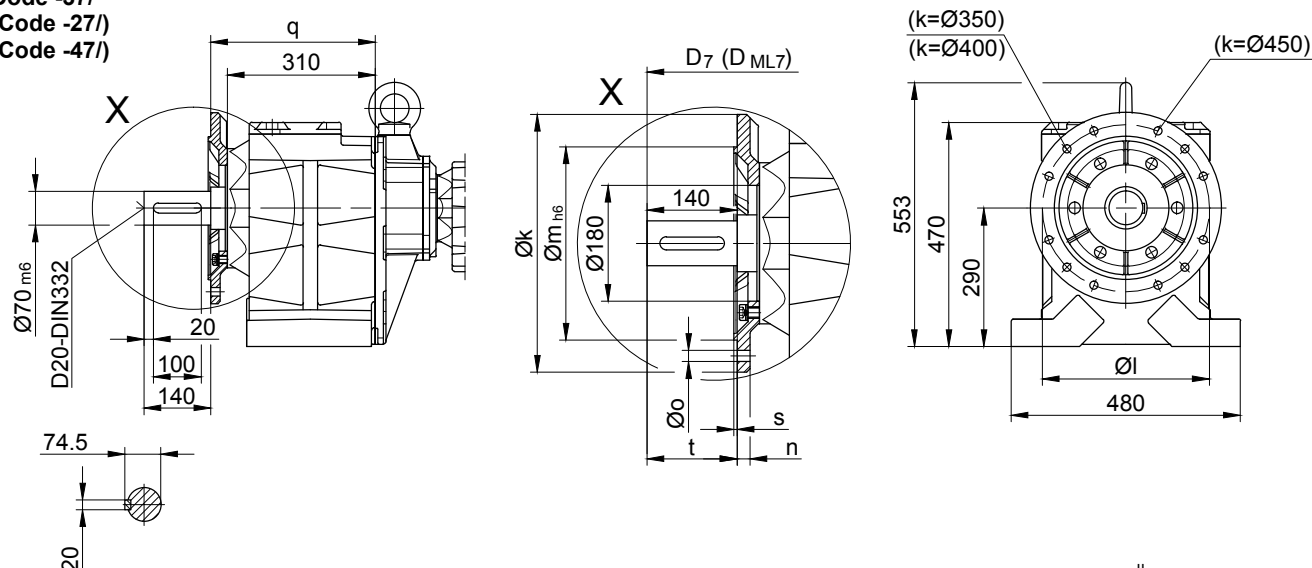
Foot mounting with clearance holes

Code -11/



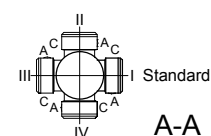
Flange with clearance holes

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



Flange dimensions

BG80G..	k	l	m	n	o	q	s	t	D ₇	D _{ML7}
Standard -37/	400	350	300	20	4 x Ø17.5	345	5	140	d+24	d _{ML} +24
small -27/	350	300	250	20	4 x Ø17.5	345	5	140	d+24	d _{ML} +24
big -47/	450	400	350	22	8 x Ø17.5	355	5	130	d+24	d _{ML} +24



Type	a*	b	c	d*	e	i	Design with motor extensions				
							i _{TB}	ES..	G	ES../ZS...G	RR/RL
								d _{ML} *	d _{ML} *	d _{ML} *	d _{ML} *
BG80G40-../D..08..	200	373	156	1034	-	115	136.5	1100	1141	1207.5	1100
BG80G40-../D..09..	251	387.5	181	1099.5	-	124	158	1192.5	1206.5	1297	1192.5
BG80G40-../D..11..	319	394	228	1174	-	181	181	1272	1281	1376.5	1272



The dimensions "a*", "d*" and "d_{ML}" change dependent on the motor design.
Design state "A" = Standard Length
Type Example: BK70-74V/DPE08XA4
Comment: No change to the dimensions shown

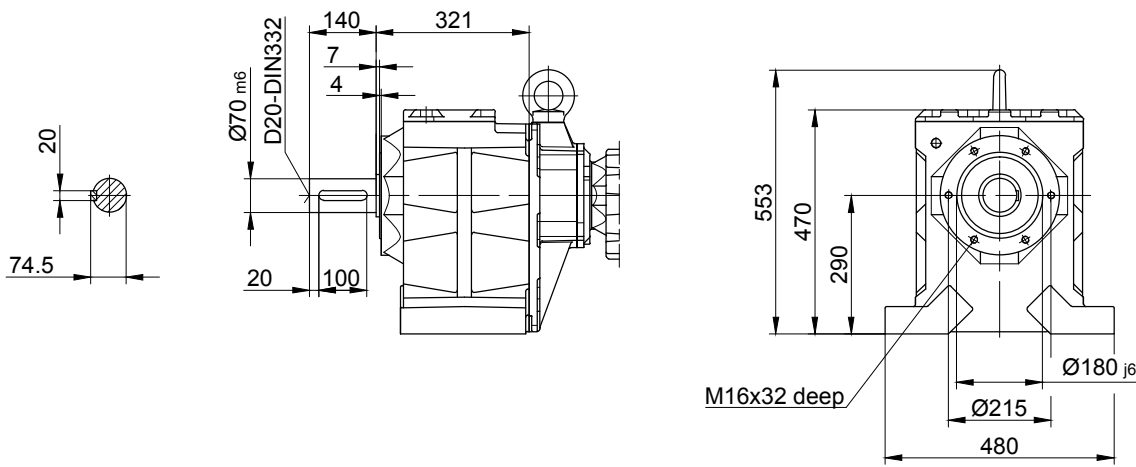
Design state "B" = Extended Length
Type Example: BK70-74V/DPE08XB4
Comment: Motor length changes please see Chapter 16 - Additional dimension sheet - Motor Length Comparison

The actual gearbox design can vary from the geometry shown.

BG80G40

Flange with tapped holes

Code -71/



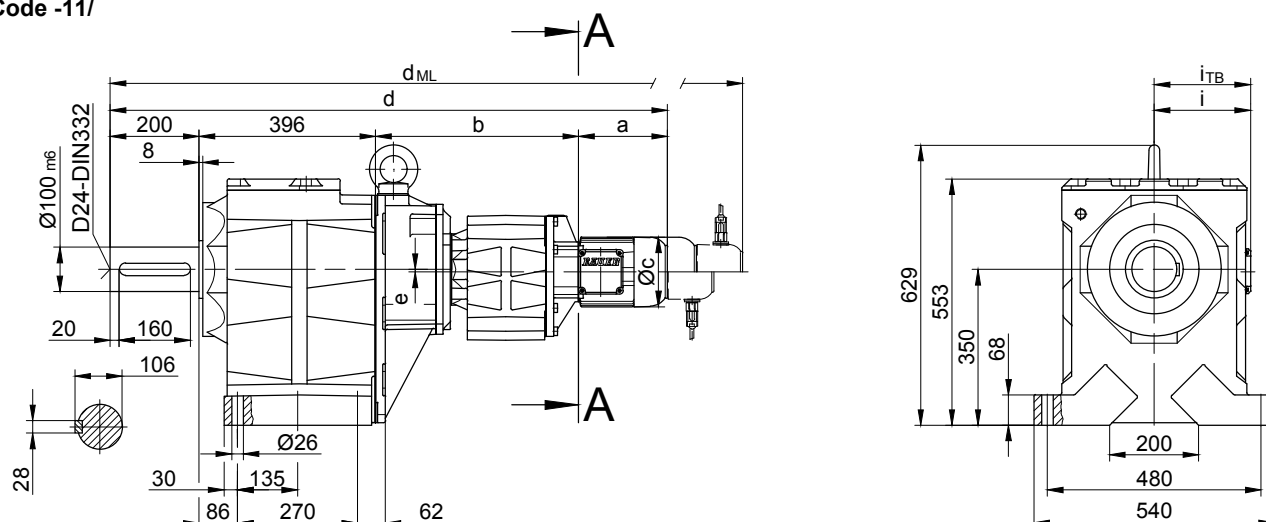
BG-series helical-geared motors

Dimension

BG90G50

Foot mounting with clearance holes

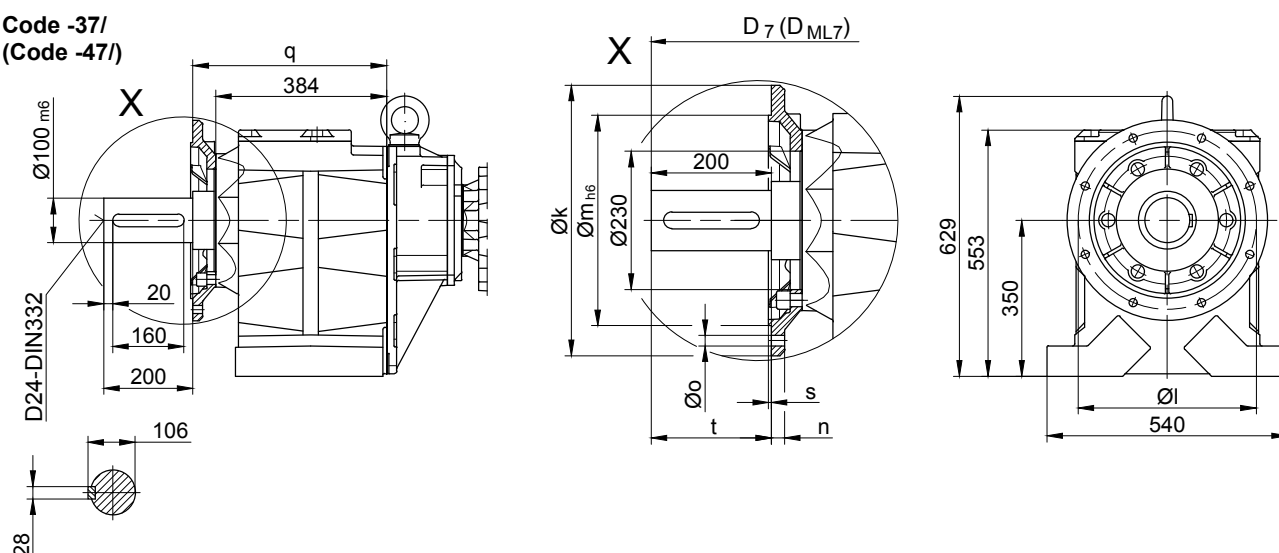
Code -11/



Flange with clearance holes

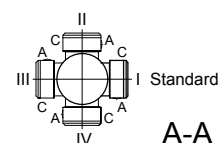
Code -37/

(Code -47/)



Flange dimensions

BG90G...	k	l	m	n	o	q	s	t	D_7	d_{ML7}
Standard -37/	450	400	350	22	17.5	439	5	200	$d+43$	$d_{ML}+43$
big -47/	550	500	450	22	17.5	444	5	195	$d+43$	$d_{ML}+43$



Type	a^*	b	c	d^*	e	i	Design with motor extensions				
							i_{TB}	ES../ZS..	G	ES../ZS..-G	RR/RL
								d_{ML}^*	d_{ML}^*	d_{ML}^*	d_{ML}^*
BG90G50-../D..08..	200	456	156	1252	6	115	136.5	1318	1359	1425.5	1318
BG90G50-../D..09..	251	470.5	181	1317.5	6	124	158	1410.5	1424.5	1514	1410.5
BG90G50-../D..11..	319	477	228	1392	6	181	181	1490	1499	1594.5	1490
BG90G50-../D..13..	393	490	258	1479	6	218	218	1590	1586	1694.5	1590
BG90G50-../D..16..	454.5	504	310	1554.5	6	244	244	1698	1661.5	1802	1698
BG90G50-../D..18..	542	535	348	1673	6	244	244	1822.5	1780	1926.5	1822.5



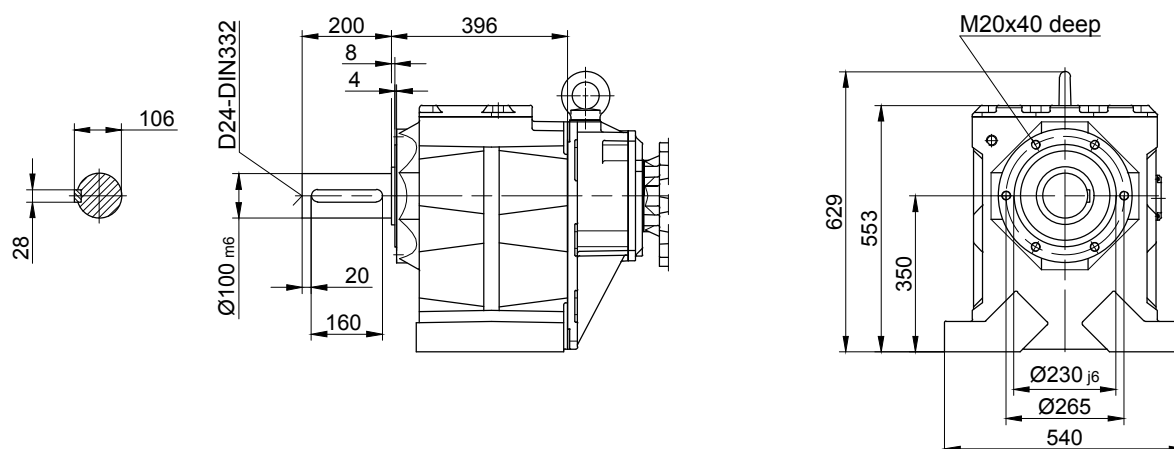
The dimensions " a^* ", " d^* " and " d_{ML}^* " change dependent on the motor design.
Design state "A" = Standard Length
 Type Example: BK70-74V/DPE08XA4
 Comment: No change to the dimensions shown

Design state "B" = Extended Length
 Type Example: BK70-74V/DPE08XB4
 Comment: Motor length changes please see Chapter 16 - Additional dimension sheet - Motor Length Comparison

The actual gearbox design can vary from the geometry shown.

BG90G50

Flange with tapped holes
Code -71/



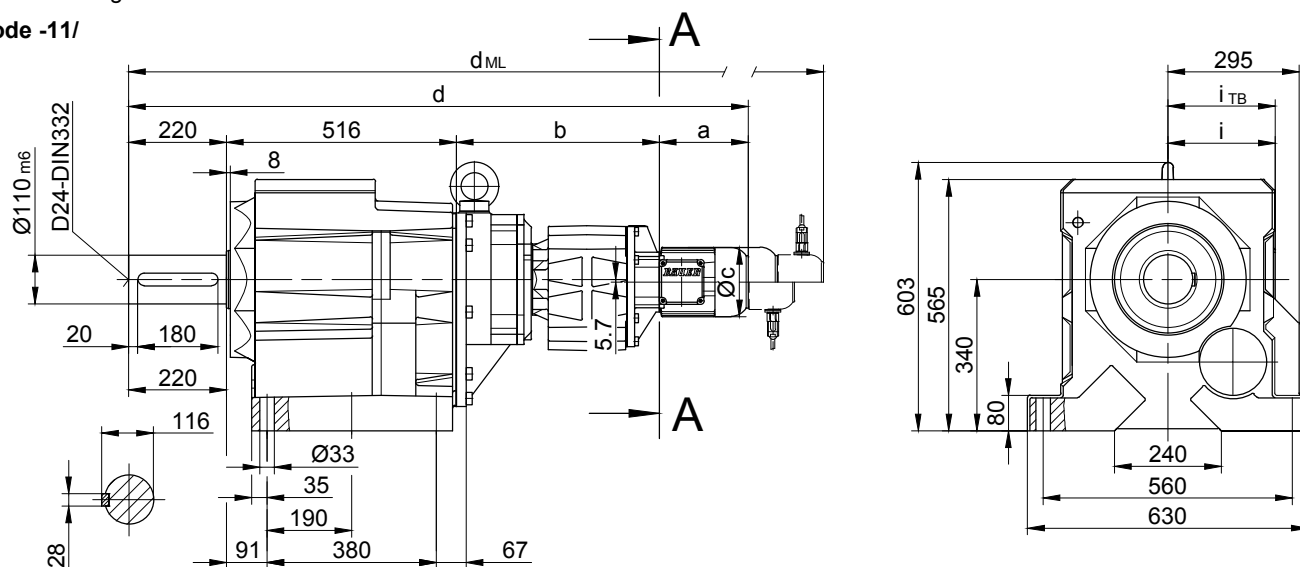
BG-series helical-geared motors

Dimension

BG100G50

Foot mounting with clearance holes

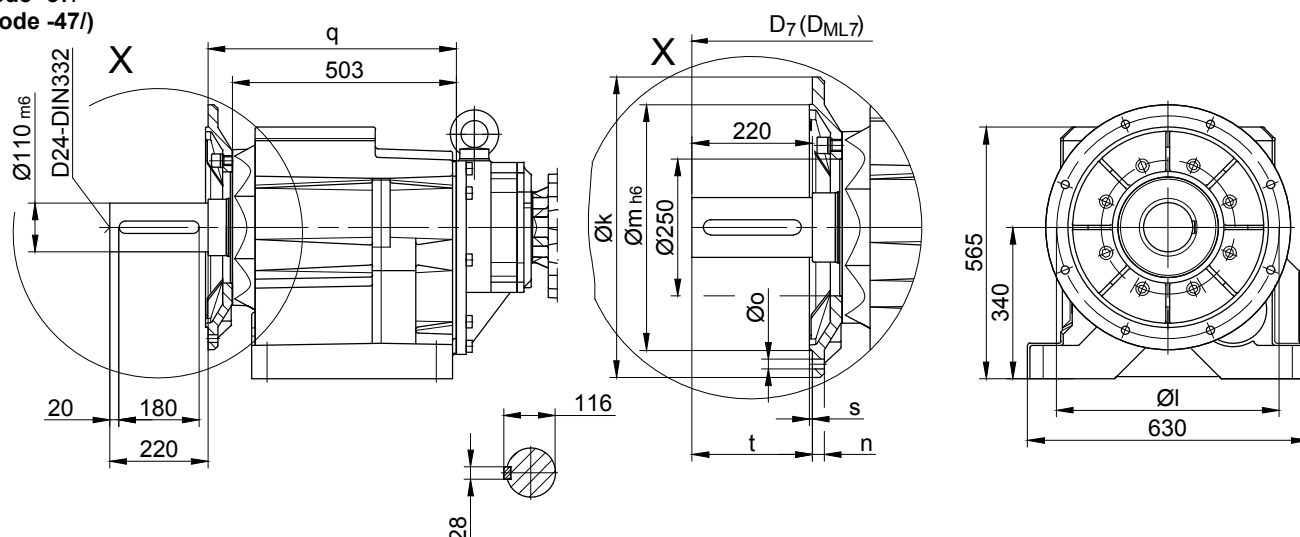
Code -11/



Flange with clearance holes

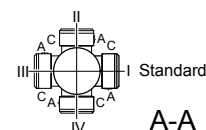
Code -37/

(Code -47/)



Flange dimensions

BG100G...	k	l	m	n	o	q	s	t	D ₇	D _{ML7}
Standard -37/	550	500	450	22	17.5	558	5	220	d+42	d _{ML} +42
big -47/	660	600	550	25	22	552	6	226	d+42	d _{ML} +42



Type	a*	b	c	d*	i	Design with motor extensions				
						i _{TB}	ES../ZS..	G	ES../ZS..-G	RR/RL
							d _{ML} *	d _{ML} *	d _{ML} *	d _{ML} *
BG100G50-../D..08..	200	456	156	1392	115	136.5	1458	1499	1565.5	1458
BG100G50-../D..09..	251	470.5	181	1457.5	124	158	1550.5	1564.5	1655	1550.5
BG100G50-../D..11..	319	477	228	1532	181	181	1630	1639	1734.5	1630
BG100G50-../D..13..	393	490	258	1619	218	218	1730	1726	1834.5	1730
BG100G50-../D..16..	454.5	504	310	1694.5	244	244	1838	1801.5	1942	1838
BG100G50-../D..18..	542	535	348	1813	288	288	1962.5	1920	2066.5	1962.5



The dimensions "a*", "d*" and "d_{ML}" change dependent on the motor design.
Design state "A" = Standard Length
 Type Example: BK70-74V/DPE08XA4
 Comment: No change to the dimensions shown

Design state "B" = Extended Length
 Type Example: BK70-74V/DPE08XB4
 Comment: Motor length changes please see Chapter 16 - Additional dimension sheet - Motor Length Comparison

The actual gearbox design can vary from the geometry shown.

Flange with tapped holes

Code 71/

