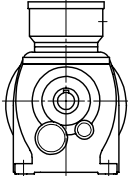
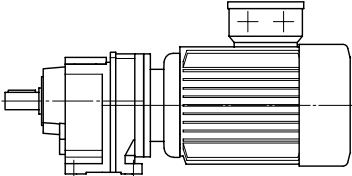
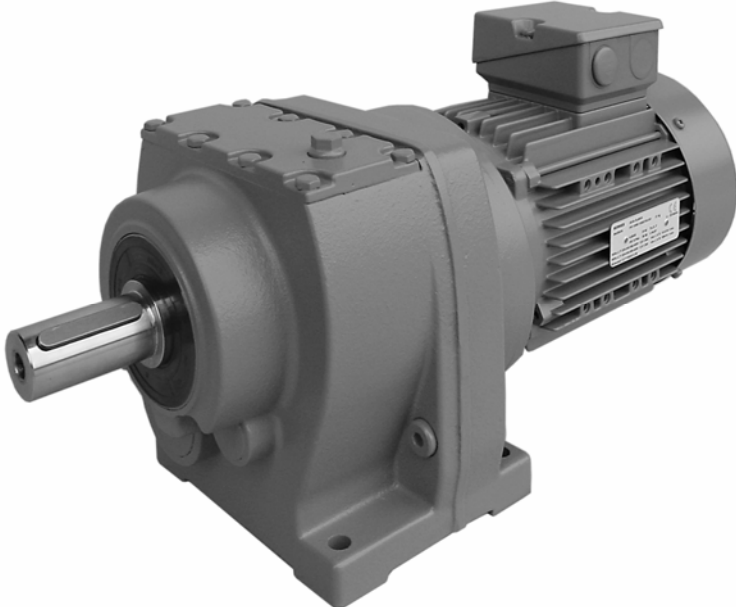
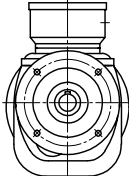
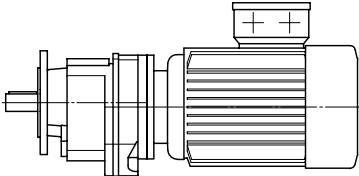


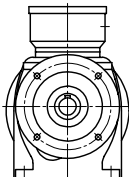
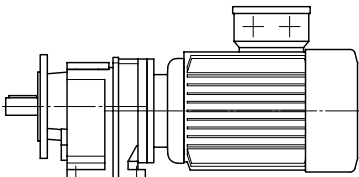
# Helical Geared Motors G



Foot mounted version  
Example: G02A DL63G4

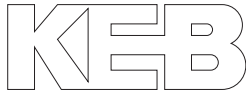


Flange mounted version  
Example: G33C DL80G4



Foot - Flange mounted version  
Example: G22E DL90S4

# Helical Geared Motors G



n2	T2	cG	i	Type	Dimensions	~kg
[1/min]	[Nm]				Page	

## 0.12 kW

<b>0.53</b>	2060	0.80	2640.3	<b>G53G22A DL63K4</b>	34/35	55
<b>0.62</b>	1770	0.90	2266.7	<b>G53G22C DL63K4</b>		56
<b>0.72</b>	1540	1.05	1971.8			
<b>0.81</b>	1350	1.20	1733.0			
<b>0.92</b>	1200	1.35	1535.8			
<b>1.0</b>	1070	1.50	1370.1			
<b>1.1</b>	960	1.70	1229.0			
<b>1.3</b>	870	1.85	1116.9			
<b>1.4</b>	770	2.1	984.77			
<b>1.6</b>	680	2.4	872.18			
<b>1.8</b>	625	2.6	802.80			
<b>2.0</b>	560	2.9	717.52			
<b>2.2</b>	495	3.3	636.13			
<b>2.5</b>	445	3.7	570.60			
<b>2.7</b>	405	4.0	518.58			

<b>1.00</b>	1100	0.80	1413.3	<b>G43G22A DL63K4</b>	33/35	34
<b>1.1</b>	985	0.90	1260.8	<b>G43G22C DL63K4</b>		34
<b>1.2</b>	880	1.00	1131.0			
<b>1.4</b>	800	1.10	1027.9			
<b>1.6</b>	705	1.25	906.23			
<b>1.8</b>	625	1.40	802.62			
<b>2.0</b>	560	1.55	719.94			
<b>2.2</b>	510	1.70	653.17			
<b>2.4</b>	455	1.90	585.39			
<b>2.7</b>	410	2.1	525.09			
<b>3.0</b>	370	2.3	477.22			
<b>3.4</b>	330	2.7	420.75			
<b>3.8</b>	290	3.0	372.64			
<b>4.2</b>	260	3.4	334.26			
<b>4.6</b>	235	3.7	303.26			

<b>1.8</b>	620	0.80	791.71	<b>G33G12A DL63K4</b>	32/35	22
<b>1.9</b>	570	0.85	727.68	<b>G33G12C DL63K4</b>		22
<b>2.2</b>	500	0.95	641.09			
<b>2.5</b>	445	1.10	568.36			
<b>2.8</b>	395	1.20	506.40			
<b>3.1</b>	355	1.35	454.59			
<b>3.6</b>	310	1.55	396.78			
<b>4.1</b>	270	1.80	347.53			
<b>4.5</b>	240	2.00	310.04			
<b>5.1</b>	215	2.2	278.10			
<b>5.6</b>	197	2.4	252.75			
<b>6.3</b>	174	2.8	222.84			
<b>7.1</b>	154	3.1	197.36			

<b>8.0</b>	144	3.3	177.27	<b>G33A DL63K4</b>	32	17
<b>9.3</b>	124	3.9	152.19	<b>G33C DL63K4</b>		17

<b>3.9</b>	290	0.80	361.24	<b>G22G12A DL63K4</b>	31/35	17
<b>4.5</b>	250	0.95	312.61	<b>G22G12C DL63K4</b>		17
<b>5.2</b>	220	1.05	273.25			
<b>5.9</b>	192	1.20	240.74			
<b>6.6</b>	170	1.35	213.43			
<b>7.4</b>	151	1.55	190.16			
<b>8.3</b>	136	1.70	170.71			

<b>9.2</b>	125	1.85	153.41	<b>G23A DL63K4</b>	31	12
<b>11</b>	107	2.2	131.06	<b>G23C DL63K4</b>		12
<b>12</b>	92	2.5	113.42			
<b>14</b>	81	2.9	99.14			
<b>16</b>	71	3.3	87.34			
<b>18</b>	63	3.7	77.43			

n2	T2	cG	i	Type	Dimensions	~kg
[1/min]	[Nm]				Page	

## 0.12 kW

<b>7.3</b>	150	0.80	192.31	<b>G13G02A DL63K4</b>	30/35	14
<b>8.3</b>	132	0.90	169.38	<b>G13G02C DL63K4</b>		14
<b>9.7</b>	114	1.00	145.94			
<b>11</b>	100	1.15	127.83			

<b>12</b>	94	1.25	115.34	<b>G13A DL63K4</b>	30	9
<b>14</b>	79	1.45	97.78	<b>G13C DL63K4</b>		10
<b>17</b>	68	1.70	83.91			
<b>19</b>	59	2.00	72.69			
<b>22</b>	52	2.3	63.42			
<b>25</b>	45	2.6	55.63			
<b>29</b>	40	2.9	49.00			
<b>33</b>	35	3.3	43.09			
<b>38</b>	30	3.9	36.98			

<b>19</b>	59	1.00	72.52	<b>G03A DL63K4</b>	29	9
<b>23</b>	50	1.20	61.26	<b>G03C DL63K4</b>		9
<b>27</b>	43	1.40	52.38			
<b>31</b>	37	1.65	45.19			
<b>36</b>	32	1.90	39.24			
<b>41</b>	28	2.2	34.25			
<b>48</b>	24	2.5	29.57			
<b>55</b>	21	2.9	25.51			
<b>64</b>	18	3.3	22.15			
<b>73</b>	16	3.8	19.33			

<b>83</b>	14	4.3	16.97	<b>G02A DL63K4</b>	29	9
<b>98</b>	12	5.1	14.34	<b>G02C DL63K4</b>		9
<b>115</b>	10.0	6.0	12.26			
<b>133</b>	8.6	7.0	10.58			
<b>154</b>	7.5	7.8	9.18			
<b>176</b>	6.5	8.4	8.02			
<b>201</b>	5.7	8.9	7.02			
<b>234</b>	4.9	9.4	6.04			
<b>271</b>	4.2	10	5.21			
<b>312</b>	3.7	11	4.52			
<b>357</b>	3.2	12	3.95			
<b>408</b>	2.8	12	3.46			

## 0.18 kW

<b>0.81</b>	2030	0.80	1733.0	<b>G53G22A DL63G4</b>	34/35	55
<b>0.92</b>	1800	0.90	1535.8	<b>G53G22C DL63G4</b>		56

<b>1.0</b>	1600	1.00	1370.1			
<b>1.1</b>	1440	1.15	1229.0			
<b>1.3</b>	1310	1.25	1116.9			
<b>1.4</b>	1150	1.40	984.77			
<b>1.6</b>	1020	1.60	872.18			
<b>1.8</b>	940	1.75	802.80			
<b>2.0</b>	840	1.95	717.52			
<b>2.2</b>	745	2.2	636.13			
<b>2.5</b>	670	2.4	570.60			
<b>2.7</b>	605	2.7	518.58			
<b>3.1</b>	535	3.0	457.21			
<b>3.5</b>	475	3.4	404.94			
<b>3.8</b>	435	3.7	372.73			

# Helical Geared Motors G



n2	T2	cG	i	Type	Dimensions	~kg
[1/min]	[Nm]				Page	
<b>0.18 kW</b>						
1.6	1060	0.80	906.23	<b>G43G22A DL63G4</b>	33/35	34
1.8	940	0.95	802.62	<b>G43G22C DL63G4</b>		34
2.0	845	1.05	719.94			
2.2	765	1.15	653.17			
2.4	685	1.30	585.39			
2.7	615	1.40	525.09			
3.0	560	1.55	477.22			
3.4	490	1.80	420.75			
3.8	435	2.0	372.64			
4.2	390	2.2	334.26			
4.6	355	2.5	303.26			
5.2	315	2.8	268.73			
5.9	280	3.1	240.42			
6.7	255	3.4	210.05	<b>G43A DL63G4</b>	33	28
7.8	220	4.0	181.51	<b>G43C DL63G4</b>		29
2.8	595	0.80	506.40	<b>G33G12A DL63G4</b>	32/35	22
3.1	530	0.90	454.59	<b>G33G12C DL63G4</b>		22
3.6	465	1.05	396.78			
4.1	405	1.20	347.53			
4.5	365	1.35	310.04			
5.1	325	1.50	278.10			
5.6	295	1.65	252.75			
6.3	260	1.85	222.84			
7.1	230	2.1	197.36			
8.0	215	2.2	177.27	<b>G33A DL63G4</b>	32	17
9.3	186	2.6	152.19	<b>G33C DL63G4</b>		17
11	161	3.0	132.39			
12	142	3.4	116.36			
14	126	3.8	103.11			
5.9	290	0.80	240.74	<b>G22G12A DL63G4</b>	31/35	17
6.6	255	0.90	213.43	<b>G22G12C DL63G4</b>		17
7.4	225	1.05	190.16			
8.3	205	1.15	170.71			
9.2	187	1.25	153.41	<b>G23A DL63G4</b>	31	12
11	160	1.45	131.06	<b>G23C DL63G4</b>		12
12	138	1.70	113.42			
14	121	1.95	99.14			
16	106	2.2	87.34			
18	94	2.5	77.43			
20	85	2.8	69.48			
23	74	3.1	60.74			
26	65	3.6	53.51			
30	58	4.0	47.44			
12	141	0.85	115.34	<b>G13A DL63G4</b>	30	9
14	119	1.00	97.78	<b>G13C DL63G4</b>		10
17	102	1.15	83.91			
19	89	1.30	72.69			
22	77	1.50	63.42			
25	68	1.75	55.63			
29	60	1.95	49.00			
33	53	2.2	43.09			
38	45	2.6	36.98			
44	39	3.0	32.03			
50	34	3.4	27.95			
58	30	3.9	24.52			
57	30	3.9	24.88	<b>G12A DL63G4</b>	30	9
				<b>G12C DL63G4</b>		10

n2	T2	cG	i	Type	Dimensions	~kg
[1/min]	[Nm]				Page	
<b>0.18 kW</b>						
23	75	0.80	61.26	<b>G03A DL63G4</b>	29	9
27	64	0.95	52.38	<b>G03C DL63G4</b>		9
31	55	1.10	45.19			
36	48	1.25	39.24			
41	42	1.45	34.25			
48	36	1.65	29.57			
55	31	1.95	25.51			
64	27	2.2	22.15			
73	24	2.5	19.33			
83	21	2.9	16.97	<b>G02A DL63G4</b>	29	9
98	17	3.4	14.34	<b>G02C DL63G4</b>		9
115	15	4.0	12.26			
133	13	4.7	10.58			
154	11	5.2	9.18			
176	9.8	5.6	8.02			
201	8.6	6.0	7.02			
234	7.4	6.3	6.04			
271	6.3	6.8	5.21			
312	5.5	7.3	4.52			
357	4.8	7.7	3.95			
408	4.2	8.3	3.46			
<b>0.25 kW</b>						
1.1	2030	0.80	1229.0	<b>G53G22A DL71K4</b>	34/35	55
1.2	1850	0.90	1116.9	<b>G53G22C DL71K4</b>		56
1.4	1630	1.00	984.77			
1.6	1440	1.15	872.18			
1.7	1330	1.25	802.80			
1.9	1190	1.35	717.52			
2.2	1050	1.55	636.13			
2.4	945	1.70	570.60			
2.7	860	1.90	518.58			
3.0	755	2.2	457.21			
3.4	670	2.4	404.94			
3.7	615	2.6	372.73			
4.2	550	3.0	333.14			
4.7	490	3.3	295.82			
5.3	435	3.8	262.14			
2.1	1080	0.80	653.17	<b>G43G22A DL71K4</b>	33/35	34
2.4	970	0.90	585.39	<b>G43G22C DL71K4</b>		34
2.6	870	1.00	525.09			
2.9	790	1.10	477.22			
3.3	695	1.25	420.75			
3.7	615	1.40	372.64			
4.1	555	1.60	334.26			
4.6	500	1.75	303.26			
5.2	445	1.95	268.73			
5.8	400	2.2	240.42			
6.6	360	2.4	210.05	<b>G43A DL71K4</b>	33	28
7.6	315	2.8	181.51	<b>G43C DL71K4</b>		29
8.7	275	3.2	158.99			
9.8	245	3.6	140.75			
11	215	4.0	125.69			

# Helical Geared Motors G



n2	T2	cG	i	Type	Dimensions	~kg
[1/min]	[Nm]				Page	
<b>0.25 kW</b>						
4.0	575	0.85	347.53	<b>G33G12A DL71K4</b>	32/35	22
4.5	515	0.95	310.04	<b>G33G12C DL71K4</b>		22
5.0	460	1.05	278.10			
5.5	420	1.15	252.75			
6.2	370	1.30	222.84			
7.0	325	1.50	197.36			
7.8	305	1.60	177.27	<b>G33A DL71K4</b>	32	17
9.1	260	1.85	152.19	<b>G33C DL71K4</b>		17
10	230	2.1	132.39			
12	200	2.4	116.36			
13	178	2.7	103.11			
15	159	3.0	91.99			
17	142	3.4	82.51			
18	129	3.7	74.99			
8.1	290	0.80	170.71	<b>G22G12A DL71K4</b>	31/35	17
				<b>G22G12C DL71K4</b>		17
9.0	265	0.90	153.41	<b>G23A DL71K4</b>	31	12
11	225	1.05	131.06	<b>G23C DL71K4</b>		12
12	196	1.20	113.42			
14	171	1.35	99.14			
16	151	1.55	87.34			
18	133	1.75	77.43			
20	120	1.95	69.48			
23	105	2.2	60.74			
26	92	2.5	53.51			
29	82	2.8	47.44			
33	72	3.3	41.53			
38	63	3.7	36.59			
17	145	0.80	83.91	<b>G13A DL71K4</b>	30	9
19	125	0.95	72.69	<b>G13C DL71K4</b>		10
22	109	1.05	63.42			
25	96	1.20	55.63			
28	84	1.40	49.00			
32	74	1.60	43.09			
37	64	1.85	36.98			
43	55	2.1	32.03			
50	48	2.4	27.95			
56	42	2.8	24.52			
64	37	3.1	21.59			
56	43	2.7	24.88	<b>G12A DL71K4</b>	30	9
65	37	3.2	21.25	<b>G12C DL71K4</b>		10
75	32	3.7	18.39			
35	68	0.90	39.24	<b>G03A DL71K4</b>	29	9
40	59	1.00	34.25	<b>G03C DL71K4</b>		9
47	51	1.20	29.57			
54	44	1.35	25.51			
63	38	1.55	22.15			
72	33	1.80	19.33			

n2	T2	cG	i	Type	Dimensions	~kg
[1/min]	[Nm]				Page	
<b>0.25 kW</b>						
82	29	2.1	16.97	<b>G02A DL71K4</b>	29	9
97	25	2.4	14.34	<b>G02C DL71K4</b>		9
113	21	2.8	12.26			
131	18	3.3	10.58			
151	16	3.7	9.18			
173	14	4.0	8.02			
197	12	4.2	7.02			
229	10	4.4	6.04			
266	9.0	4.8	5.21			
306	7.8	5.1	4.52			
351	6.8	5.4	3.95			
401	6.0	5.9	3.46			
<b>0.37 kW</b>						
1.7	1970	0.80	802.80	<b>G53G22A DL71G4</b>	34/35	56
1.9	1760	0.90	717.52	<b>G53G22C DL71G4</b>		57
2.2	1560	1.05	636.13			
2.4	1400	1.15	570.60			
2.7	1270	1.30	518.58			
3.0	1120	1.45	457.21			
3.4	995	1.65	404.94			
3.7	915	1.80	372.73			
4.1	820	2.00	333.14			
4.7	725	2.2	295.82			
5.3	645	2.5	262.14			
6.0	565	2.9	229.46			
6.7	510	3.2	207.08			
7.2	470	3.5	190.61			
3.3	1030	0.85	420.75	<b>G43G22A DL71G4</b>	33/35	35
3.7	915	0.95	372.64	<b>G43G22C DL71G4</b>		35
4.1	820	1.05	334.26			
4.6	745	1.15	303.26			
5.1	660	1.30	268.73			
5.7	590	1.50	240.42			
6.6	540	1.65	210.05	<b>G43A DL71G4</b>	33	29
7.6	465	1.90	181.51	<b>G43C DL71G4</b>		30
8.7	405	2.1	158.99			
9.8	360	2.4	140.75			
11	320	2.7	125.69			
12	290	3.0	113.03			
13	260	3.3	102.26			
15	240	3.7	93.21			
5.5	620	0.80	252.75	<b>G33G12A DL71G4</b>	32/35	23
6.2	550	0.90	222.84	<b>G33G12C DL71G4</b>		23
7.0	485	1.00	197.36			
7.8	455	1.05	177.27	<b>G33A DL71G4</b>	32	18
9.1	390	1.25	152.19	<b>G33C DL71G4</b>		18
10	340	1.40	132.39			
12	300	1.60	116.36			
13	265	1.85	103.11			
15	235	2.0	91.99			
17	210	2.3	82.51			
18	192	2.5	74.99			
21	169	2.8	66.12			
24	150	3.2	58.56			
27	132	3.6	51.70			

# Helical Geared Motors G



n2	T2	cG	i	Type	Dimensions	~kg
[1/min]	[Nm]				Page	
<b>0.37 kW</b>						
12	290	0.80	113.42	<b>G23A DL71G4</b>	31	13
14	255	0.90	99.14	<b>G23C DL71G4</b>		13
16	225	1.05	87.34			
18	198	1.20	77.43			
20	178	1.30	69.48			
23	156	1.50	60.74			
26	137	1.70	53.51			
29	121	1.90	47.44			
33	106	2.2	41.53			
38	94	2.5	36.59			
43	83	2.8	32.44			
48	74	3.1	28.90			
53	66	3.5	25.95			
61	58	4.0	22.65			
47	75	3.1	29.22	<b>G22A DL71G4</b>	31	13
55	64	3.6	25.09	<b>G22C DL71G4</b>		13
25	142	0.80	55.63	<b>G13A DL71G4</b>	30	10
28	125	0.95	49.00	<b>G13C DL71G4</b>		11
32	110	1.05	43.09			
37	95	1.25	36.98			
43	82	1.45	32.03			
49	72	1.65	27.95			
56	63	1.85	24.52			
64	55	2.1	21.59			
55	64	1.85	24.88	<b>G12A DL71G4</b>	30	10
65	54	2.1	21.25	<b>G12C DL71G4</b>		11
75	47	2.5	18.39			
86	41	2.8	16.08			
97	36	3.2	14.16			
110	32	3.6	12.56			
47	76	0.80	29.57	<b>G03A DL71G4</b>	29	10
54	65	0.90	25.51	<b>G03C DL71G4</b>		10
62	57	1.05	22.15			
71	50	1.20	19.33			
81	43	1.40	16.97	<b>G02A DL71G4</b>	29	10
96	37	1.65	14.34	<b>G02C DL71G4</b>		10
113	31	1.90	12.26			
130	27	2.2	10.58			
150	24	2.5	9.18			
172	21	2.7	8.02			
197	18	2.8	7.02			
229	15	3.0	6.04			
265	13	3.2	5.21			
305	12	3.5	4.52			
350	10	3.7	3.95			
399	8.9	4.0	3.46			

n2	T2	cG	i	Type	Dimensions	~kg
[1/min]	[Nm]				Page	
<b>0.55 kW</b>						
2.5	2040	0.80	570.60	<b>G53G22A DL80K4</b>	34/35	58
2.7	1850	0.90	518.58	<b>G53G22C DL80K4</b>		60
3.1	1640	1.00	457.21			
3.5	1450	1.10	404.94			
3.8	1330	1.20	372.73			
4.2	1190	1.35	333.14			
4.8	1060	1.55	295.82			
5.4	935	1.75	262.14			
6.1	820	2.00	229.46			
6.8	740	2.2	207.08			
7.4	680	2.4	190.61			
7.5	695	2.3	186.77	<b>G53A DL80K4</b>	34	54
8.5	620	2.6	165.96	<b>G53C DL80K4</b>		56
9.5	555	2.9	148.78			
10	500	3.3	134.34			
12	455	3.6	122.04			
13	415	3.9	111.58			
4.6	1080	0.80	303.26	<b>G43G22A DL80K4</b>	33/35	37
5.2	960	0.90	268.73	<b>G43G22C DL80K4</b>		38
5.9	860	1.00	240.42			
8.9	590	1.50	158.99	<b>G43A DL80K4</b>	33	32
10	525	1.65	140.75	<b>G43C DL80K4</b>		33
11	470	1.85	125.69			
12	420	2.1	113.03			
14	380	2.3	102.26			
15	345	2.5	93.21			
17	310	2.8	83.15			
19	280	3.1	74.59			
11	495	1.00	132.39	<b>G33A DL80K4</b>	32	21
12	435	1.10	116.36	<b>G33C DL80K4</b>		21
14	385	1.25	103.11			
15	345	1.40	91.99			
17	305	1.55	82.51			
19	280	1.75	74.99			
21	245	1.95	66.12			
24	220	2.2	58.56			
27	193	2.5	51.70			
34	152	3.2	40.87			
38	137	3.5	36.66			
42	124	3.7	33.32			
20	260	0.90	69.48	<b>G23A DL80K4</b>	31	16
23	225	1.05	60.74	<b>G23C DL80K4</b>		16
26	199	1.15	53.51			
30	177	1.30	47.44			
34	155	1.50	41.53			
39	136	1.70	36.59			
43	121	1.95	32.44			
49	108	2.2	28.90			
54	97	2.4	25.95			
62	84	2.7	22.65			
71	74	3.2	19.83			
65	81	2.9	21.82	<b>G22A DL80K4</b>	31	16
74	71	3.3	19.18	<b>G22C DL80K4</b>		16
83	63	3.7	17.00			

# Helical Geared Motors G



n2	T2	cG	i	Type	Dimensions	~kg
[1/min]	[Nm]				Page	

## 0.55 kW

38	138	0.85	36.98	G13A DL80K4	30	13
44	119	1.00	32.03	G13C DL80K4		13
50	104	1.10	27.95			
58	91	1.30	24.52			
65	80	1.45	21.59			

77	69	1.70	18.39	G12A DL80K4	30	13
88	60	1.95	16.08	G12C DL80K4		13
100	53	2.2	14.16			
112	47	2.5	12.56			
126	42	2.8	11.19			
140	37	3.0	10.04			
161	33	3.2	8.77			
184	29	3.5	7.68			
200	26	3.7	7.06			
227	23	4.0	6.22			
256	21	4.2	5.51			
287	18	4.5	4.91			
320	16	4.8	4.41			
366	14	5.2	3.85			
418	13	5.5	3.37			

115	46	1.30	12.26	G02A DL80K4	29	12
133	39	1.50	10.58	G02C DL80K4		13
154	34	1.70	9.18			
176	30	1.85	8.02			
201	26	1.95	7.02			
234	22	2.0	6.04			
271	19	2.2	5.21			
312	17	2.4	4.52			
357	15	2.5	3.95			
408	13	2.7	3.46			

## 0.75 kW

3.5	1990	0.80	404.94	G53G22A DL80G4	34/35	59
3.8	1830	0.90	372.73	G53G22C DL80G4		61
4.2	1640	1.00	333.14			
4.7	1450	1.10	295.82			
5.3	1290	1.25	262.14			
6.1	1130	1.45	229.46			
6.8	1020	1.60	207.08			
7.3	935	1.75	190.61			

7.5	955	1.70	186.77	G53A DL80G4	34	55
8.4	850	1.90	165.96	G53C DL80G4		57
9.4	760	2.1	148.78			
10	685	2.4	134.34			
11	625	2.6	122.04			
13	570	2.9	111.58			
14	510	3.2	100.12			
15	460	3.5	90.36			

n2	T2	cG	i	Type	Dimensions	~kg
[1/min]	[Nm]				Page	

## 0.75 kW

8.8	815	1.10	158.99	G43A DL80G4	33	33
9.9	720	1.20	140.75	G43C DL80G4		34
11	645	1.35	125.69			
12	580	1.50	113.03			
14	525	1.65	102.26			
15	475	1.85	93.21			
17	425	2.1	83.15			
19	380	2.3	74.59			
25	290	3.0	56.95			
27	265	3.3	51.52			
30	240	3.6	46.96			

12	595	0.80	116.36	G33A DL80G4	32	22
14	530	0.90	103.11	G33C DL80G4		22
15	470	1.00	91.99			
17	420	1.15	82.51			
19	385	1.25	74.99			
21	340	1.40	66.12			
24	300	1.60	58.56			
27	265	1.80	51.70			
34	210	2.3	40.87			
38	188	2.5	36.66			
42	170	2.7	33.32			
48	150	2.9	29.38			
54	133	3.2	26.02			

55	131	3.7	25.67	G32A DL80G4	32	22
				G32C DL80G4		22

26	275	0.85	53.51	G23A DL80G4	31	17
30	245	0.95	47.44	G23C DL80G4		17
34	210	1.10	41.53			
38	187	1.25	36.59			
43	166	1.40	32.44			
48	148	1.60	28.90			
54	133	1.75	25.95			
62	116	2.00	22.65			
71	101	2.3	19.83			

64	112	2.1	21.82	G22A DL80G4	31	17
73	98	2.4	19.18	G22C DL80G4		17
82	87	2.7	17.00			
92	78	3.0	15.16			
103	70	3.3	13.60			
113	63	3.7	12.36			

50	143	0.80	27.95	G13A DL80G4	30	14
57	125	0.95	24.52	G13C DL80G4		14
65	110	1.05	21.59			

# Helical Geared Motors G



n2	T2	cG	i	Type	Dimensions	~kg
[1/min]	[Nm]				Page	

## 0.75 kW

76	94	1.25	18.39	G12A DL80G4	30	14
87	82	1.40	16.08	G12C DL80G4		14
99	72	1.60	14.16			
111	64	1.80	12.56			
125	57	2.0	11.19			
139	51	2.2	10.04			
160	45	2.4	8.77			
182	39	2.5	7.68			
198	36	2.7	7.06			
225	32	2.9	6.22			
254	28	3.1	5.51			
285	25	3.3	4.91			
318	23	3.5	4.41			
364	20	3.8	3.85			
415	17	4.0	3.37			

114	63	0.95	12.26	G02A DL80G4	29	14
132	54	1.10	10.58	G02C DL80G4		14
152	47	1.25	9.18			
175	41	1.35	8.02			
199	36	1.40	7.02			
232	31	1.50	6.04			
269	27	1.60	5.21			
310	23	1.75	4.52			
355	20	1.85	3.95			
405	18	2.00	3.46			

## 1.1 kW

5.4	1860	0.85	262.14	G53G22A DL90S4	34/35	63
6.2	1630	1.00	229.46	G53G22C DL90S4		64
6.9	1470	1.10	207.08			
7.4	1350	1.20	190.61			

8.6	1230	1.35	165.96	G53A DL90S4	34	58
9.5	1100	1.50	148.78	G53C DL90S4		60
11	995	1.65	134.34			
12	905	1.80	122.04			
13	825	1.95	111.58			
14	740	2.2	100.12			
16	670	2.4	90.36			
17	615	2.6	83.17			
19	550	3.0	74.34			
22	490	3.3	66.01			
24	435	3.8	58.49			

10	1040	0.85	140.75	G43A DL90S4	33	36
11	930	0.95	125.69	G43C DL90S4		37
13	835	1.05	113.03			
14	755	1.15	102.26			
15	690	1.25	93.21			
17	615	1.40	83.15			
19	550	1.60	74.59			
21	500	1.75	67.67			
24	445	1.95	59.97			
25	420	2.1	56.95			
28	380	2.3	51.52			
30	345	2.5	46.96			
34	310	2.8	41.89			
38	280	3.1	37.58			
42	250	3.5	34.09			
47	225	3.9	30.21			

n2	T2	cG	i	Type	Dimensions	~kg
[1/min]	[Nm]				Page	

## 1.1 kW

17	610	0.80	82.51	G33A DL90S4	32	25
19	555	0.85	74.99	G33C DL90S4		25
21	490	1.00	66.12			
24	435	1.10	58.56			
27	390	1.25	52.40			
27	380	1.25	51.70			
31	335	1.45	45.61			
35	300	1.60	40.87			
39	270	1.75	36.66			
43	245	1.85	33.32			
48	215	2.0	29.38			
55	192	2.2	26.02			
61	172	2.4	23.28			
70	150	2.6	20.27			

55	190	2.5	25.67	G32A DL90S4	32	25
62	170	2.8	22.92	G32C DL90S4		25
69	152	3.2	20.61			
76	138	3.5	18.65			
84	126	3.8	17.00			

39	270	0.85	36.59	G23A DL90S4	31	20
44	240	0.95	32.44	G23C DL90S4		20
49	215	1.10	28.90			
55	192	1.20	25.95			
63	168	1.35	22.65			
72	147	1.60	19.83			

74	142	1.65	19.18	G22A DL90S4	31	20
84	126	1.85	17.00	G22C DL90S4		20
94	112	2.1	15.16			
104	101	2.3	13.60			
115	91	2.5	12.36			
130	81	2.9	10.90			

147	71	3.2	9.65			
164	64	3.4	8.64			
189	56	3.8	7.52			
202	52	3.2	7.04			
225	47	3.5	6.31			
247	42	4.6	5.74			
281	37	4.9	5.06			
317	33	5.1	4.48			
354	30	5.3	4.01			
407	26	5.5	3.49			

88	119	1.00	16.08	G12A DL90S4	30	17
100	105	1.10	14.16	G12C DL90S4		18
113	93	1.25	12.56			
127	83	1.40	11.19			
141	74	1.50	10.04			
162	65	1.65	8.77			
185	57	1.75	7.68			
201	52	1.85	7.06			
228	46	2.0	6.22			
258	41	2.1	5.51			
289	36	2.3	4.91			
322	33	2.4	4.41			
369	28	2.6	3.85			
421	25	2.8	3.37			

# Helical Geared Motors G



n2	T2	cG	i	Type	Dimensions	~kg
[1/min]	[Nm]				Page	
<b>1.5 kW</b>						
6.8	2030	0.80	207.08	<b>G53G22A DL90L4</b>	34/35	64
7.4	1870	0.85	190.61	<b>G53G22C DL90L4</b>		66
8.5	1690	0.95	165.96	<b>G53A DL90L4</b>	34	60
9.4	1520	1.05	148.78	<b>G53C DL90L4</b>		62
10	1370	1.20	134.34			
12	1240	1.30	122.04			
13	1140	1.45	111.58			
14	1020	1.60	100.12			
16	920	1.75	90.36			
17	850	1.90	83.17			
19	760	2.1	74.34			
21	675	2.4	66.01			
24	595	2.7	58.49			
27	520	3.1	51.20			
30	470	3.5	46.21			
33	435	3.8	42.53			
14	1040	0.85	102.26	<b>G43A DL90L4</b>	33	38
15	950	0.90	93.21	<b>G43C DL90L4</b>		39
17	850	1.05	83.15			
19	760	1.15	74.59			
21	690	1.25	67.67			
23	610	1.45	59.97			
25	580	1.50	56.95			
27	525	1.65	51.52			
30	480	1.85	46.96			
34	425	2.0	41.89			
37	385	2.3	37.58			
41	350	2.5	34.09			
47	310	2.8	30.21			
53	270	3.2	26.59			
60	235	3.4	23.29			
52	275	3.2	26.83	<b>G42A DL90L4</b>	33	38
58	245	3.5	24.23	<b>G42C DL90L4</b>		39
64	225	3.8	22.01			
24	595	0.80	58.56	<b>G33A DL90L4</b>	32	27
27	535	0.90	52.40	<b>G33C DL90L4</b>		27
27	525	0.90	51.70			
31	465	1.05	45.61			
34	415	1.15	40.87			
38	375	1.25	36.66			
42	340	1.35	33.32			
48	300	1.45	29.38			
54	265	1.60	26.02			
60	235	1.70	23.28			
69	205	1.85	20.27			
55	260	1.85	25.67	<b>G32A DL90L4</b>	32	27
61	235	2.1	22.92	<b>G32C DL90L4</b>		27
68	210	2.3	20.61			
75	190	2.5	18.65			
83	173	2.8	17.00			
93	155	3.1	15.16			
103	139	3.5	13.60			
114	126	3.8	12.34			
128	111	4.2	10.93			
146	98	4.5	9.63			
167	86	4.8	8.43			

n2	T2	cG	i	Type	Dimensions	~kg
[1/min]	[Nm]				Page	
<b>1.5 kW</b>						
49	295	0.80	28.90	<b>G23A DL90L4</b>	31	22
54	265	0.90	25.95	<b>G23C DL90L4</b>		22
62	230	1.00	22.65			
71	200	1.15	19.83			
73	196	1.20	19.18	<b>G22A DL90L4</b>	31	22
83	173	1.35	17.00	<b>G22C DL90L4</b>		22
93	155	1.50	15.16			
103	139	1.70	13.60			
114	126	1.85	12.36			
129	111	2.1	10.90			
146	98	2.3	9.65			
163	88	2.5	8.64			
187	77	2.7	7.52			
200	72	2.3	7.04			
222	64	2.5	6.31			
245	59	3.4	5.74			
278	52	3.5	5.06			
314	46	3.7	4.48			
350	41	3.8	4.01			
403	36	4.0	3.49			
99	144	0.80	14.16	<b>G12A DL90L4</b>	30	19
112	128	0.90	12.56	<b>G12C DL90L4</b>		19
126	114	1.05	11.19			
140	102	1.10	10.04			
160	89	1.20	8.77			
183	78	1.30	7.68			
199	72	1.35	7.06			
226	63	1.45	6.22			
255	56	1.55	5.51			
286	50	1.65	4.91			
319	45	1.75	4.41			
365	39	1.90	3.85			
417	34	2.0	3.37			
<b>2.2 kW</b>						
11	1990	0.80	134.34	<b>G53A DL100L4</b>	34	66
12	1810	0.90	122.04	<b>G53C DL100L4</b>		68
13	1660	1.00	111.58			
14	1490	1.10	100.12			
16	1340	1.20	90.36			
17	1230	1.30	83.17			
19	1100	1.45	74.34			
21	980	1.65	66.01			
24	870	1.85	58.49			
28	760	2.1	51.20			
31	685	2.4	46.21			
33	630	2.6	42.53			
37	565	2.9	38.01			
42	500	3.2	33.76			
47	445	3.5	29.91			
53	395	3.8	26.62			
45	465	2.4	31.19	<b>G52A DL100L4</b>	34	66
50	420	2.7	28.45	<b>G52C DL100L4</b>		68
54	390	3.4	26.17			



# Helical Geared Motors G



n2	T2	cG	i	Type	Dimensions	~kg
[1/min]	[Nm]				Page	
<b>2.2 kW</b>						
19	1110	0.80	74.59	<b>G43A DL100L4</b>	33	43
21	1000	0.85	67.67	<b>G43C DL100L4</b>		44
24	890	1.00	59.97			
25	845	1.05	56.95			
27	765	1.15	51.52			
30	695	1.25	46.96			
34	620	1.40	41.89			
38	560	1.55	37.58			
42	505	1.75	34.09			
47	450	1.95	30.21			
53	395	2.2	26.59			
61	345	2.3	23.29			
69	305	2.4	20.45			
53	400	2.2	26.83	<b>G42A DL100L4</b>	33	43
58	360	2.4	24.23	<b>G42C DL100L4</b>		44
64	325	2.6	22.01			
70	300	2.9	20.12			
78	270	3.3	18.06			
87	240	3.5	16.30			
94	225	3.7	15.00			
35	605	0.80	40.87	<b>G33A DL100L4</b>	32	33
39	545	0.85	36.66	<b>G33C DL100L4</b>		33
42	495	0.95	33.32			
48	435	1.00	29.38			
54	385	1.10	26.02			
61	345	1.15	23.28			
70	300	1.30	20.27			
62	340	1.40	22.92	<b>G32A DL100L4</b>	32	33
69	305	1.55	20.61	<b>G32C DL100L4</b>		33
76	275	1.75	18.65			
83	250	1.90	17.00			
93	225	2.1	15.16			
104	200	2.4	13.60			
115	183	2.6	12.34			
129	162	2.9	10.93			
147	143	3.1	9.63			
168	125	3.3	8.43			
191	110	3.5	7.40			
216	97	3.3	6.54			
238	88	3.7	5.94			
269	78	3.9	5.26			
306	69	4.2	4.63			
349	60	4.6	4.06			
397	53	4.9	3.56			
83	250	0.90	17.00	<b>G22A DL100L4</b>	31	28
93	225	1.05	15.16	<b>G22C DL100L4</b>		28
104	200	1.15	13.60			
114	184	1.25	12.36			
130	162	1.45	10.90			
147	143	1.60	9.65			
164	128	1.70	8.64			
188	112	1.90	7.52			
201	105	1.60	7.04			
224	94	1.75	6.31			
247	85	2.3	5.74			
280	75	2.4	5.06			
316	67	2.5	4.48			
353	60	2.6	4.01			
405	52	2.7	3.49			

n2	T2	cG	i	Type	Dimensions	~kg
[1/min]	[Nm]				Page	
<b>3.0 kW</b>						
14	2010	0.80	100.12	<b>G53A DL100LX4</b>	34	69
16	1810	0.90	90.36	<b>G53C DL100LX4</b>		71
17	1670	1.00	83.17			
19	1490	1.10	74.34			
22	1320	1.25	66.01			
24	1170	1.40	58.49			
28	1030	1.60	51.20			
31	925	1.75	46.21			
34	850	1.90	42.53			
38	760	2.1	38.01			
42	675	2.4	33.76			
48	600	2.6	29.91			
54	535	2.8	26.62			
46	625	1.80	31.19	<b>G52A DL100LX4</b>	34	69
50	570	1.95	28.45	<b>G52C DL100LX4</b>		71
55	525	2.5	26.17			
61	475	2.8	23.62			
67	430	3.0	21.45			
72	395	3.5	19.83			
28	1030	0.85	51.52	<b>G43A DL100LX4</b>	33	47
30	940	0.95	46.96	<b>G43C DL100LX4</b>		47
34	840	1.05	41.89			
38	755	1.15	37.58			
42	685	1.30	34.09			
47	605	1.45	30.21			
54	535	1.60	26.59			
61	465	1.70	23.29			
70	410	1.80	20.45			
53	540	1.65	26.83	<b>G42A DL100LX4</b>	33	47
59	485	1.80	24.23	<b>G42C DL100LX4</b>		47
65	440	1.95	22.01			
71	405	2.1	20.12			
79	360	2.4	18.06			
88	325	2.6	16.30			
95	300	2.7	15.00			
107	270	3.0	13.41			
120	240	3.2	11.90			
55	520	0.80	26.02	<b>G33A DL100LX4</b>	32	36
61	465	0.85	23.28	<b>G33C DL100LX4</b>		36
71	405	0.95	20.27			
62	460	1.05	22.92	<b>G32A DL100LX4</b>	32	36
69	415	1.15	20.61	<b>G32C DL100LX4</b>		36
77	375	1.30	18.65			
84	340	1.40	17.00			
94	305	1.60	15.16			
105	270	1.75	13.60			
116	245	1.95	12.34			
131	220	2.1	10.93			
149	193	2.3	9.63			
170	169	2.5	8.43			
193	148	2.6	7.40			
219	131	2.4	6.54			
241	119	2.7	5.94			
272	105	2.9	5.26			
309	93	3.1	4.63			
353	81	3.4	4.06			
401	71	3.6	3.56			

# Helical Geared Motors G



n2	T2	cG	i	Type	Dimensions	~kg
[1/min]	[Nm]				Page	

## 3.0 kW

105	270	0.85	13.60	G22A DL100LX4	31	31
116	250	0.95	12.36	G22C DL100LX4		32
131	220	1.05	10.90			
148	193	1.20	9.65			
166	173	1.25	8.64			
190	151	1.40	7.52			
203	141	1.20	7.04			
226	127	1.30	6.31			
249	115	1.70	5.74			
283	101	1.80	5.06			
319	90	1.90	4.48			
357	80	1.95	4.01			
410	70	2.0	3.49			

## 4.0 kW

19	1980	0.80	74.34	G53A DL112M4	34	82
22	1760	0.95	66.01	G53C DL112M4		84
25	1560	1.05	58.49			
28	1360	1.20	51.20			
31	1230	1.30	46.21			
34	1130	1.45	42.53			
38	1010	1.60	38.01			
43	900	1.80	33.76			
48	795	1.95	29.91			
54	710	2.1	26.62			
46	830	1.35	31.19	G52A DL112M4	34	82
50	755	1.50	28.45	G52C DL112M4		84
55	695	1.90	26.17			
61	630	2.1	23.62			
67	570	2.3	21.45			
72	530	2.6	19.83			
80	475	3.0	17.86			
90	425	3.2	16.01			
38	1000	0.85	37.58	G43A DL112M4	33	60
42	910	0.95	34.09	G43C DL112M4		60
48	805	1.10	30.21			
54	710	1.20	26.59			
62	620	1.30	23.29			
70	545	1.35	20.45			
59	645	1.35	24.23	G42A DL112M4	33	60
65	585	1.45	22.01	G42C DL112M4		60
71	535	1.60	20.12			
79	480	1.80	18.06			
88	435	1.95	16.30			
96	400	2.0	15.00			
107	355	2.3	13.41			
121	315	2.4	11.90			
136	280	2.6	10.55			
153	250	2.7	9.39			
211	181	2.6	6.82			

n2	T2	cG	i	Type	Dimensions	~kg
[1/min]	[Nm]				Page	

## 4.0 kW

70	550	0.90	20.61	G32A DL112M4	32	49
77	495	0.95	18.65	G32C DL112M4		49
84	450	1.05	17.00			
95	405	1.20	15.16			
106	360	1.35	13.60			
116	330	1.45	12.34			
131	290	1.60	10.93			
149	255	1.70	9.63			
170	225	1.85	8.43			
194	197	2.00	7.40			
219	174	1.85	6.54			
242	158	2.1	5.94			
273	140	2.2	5.26			
310	123	2.4	4.63			
354	108	2.5	4.06			
403	95	2.7	3.56			

## 5.5 kW

28	1850	0.90	51.20	G53A DA132S4	34	89
31	1670	0.95	46.21	G53C DA132S4		90
34	1540	1.05	42.53			
38	1380	1.20	38.01			
43	1220	1.35	33.76			
48	1080	1.45	29.91			
54	965	1.55	26.62			
64	825	1.75	22.80			
72	730	1.85	20.11			
61	855	1.55	23.62	G52A DA132S4	34	89
68	775	1.65	21.45	G52C DA132S4		90
73	720	1.95	19.83			
81	645	2.2	17.86			
91	580	2.3	16.01			
101	520	2.6	14.33			
112	465	2.7	12.90			
129	410	2.9	11.25			
48	1090	0.80	30.21	G43A DA132S4	33	67
55	965	0.90	26.59	G43C DA132S4		68
62	845	0.95	23.29			
71	740	1.00	20.45			
80	655	1.35	18.06	G42A DA132S4	33	67
89	590	1.45	16.30	G42C DA132S4		68
97	545	1.50	15.00			
108	485	1.65	13.41			
122	430	1.75	11.90			
137	380	1.90	10.55			
154	340	2.00	9.39			
180	290	2.2	8.04			
204	255	2.3	7.09			
213	245	1.90	6.82			
240	220	2.1	6.05			
270	194	2.3	5.36			
304	173	2.5	4.77			
355	148	2.7	4.09			
402	131	2.9	3.61			

# Helical Geared Motors G



n2	T2	cG	i	Type	Dimensions	~kg
[1/min]	[Nm]				Page	

## 5.5 kW

96	550	0.90	15.16	G32A DA132S4	32	57
107	495	1.00	13.60	G32C DA132S4		57
118	445	1.10	12.34			
133	395	1.20	10.93			
151	350	1.25	9.63			
172	305	1.35	8.43			
196	270	1.45	7.40			
222	235	1.35	6.54			
244	215	1.50	5.94			
276	191	1.60	5.26			
313	168	1.75	4.63			
358	147	1.85	4.06			
407	129	2.0	3.56			

## 7.5 kW

38	1880	0.85	38.01	G53A DA132M4	34	93
43	1670	1.00	33.76	G53C DA132M4		95
48	1480	1.05	29.91			
54	1310	1.15	26.62			
64	1130	1.25	22.80			
72	995	1.35	20.11			
61	1170	1.10	23.62	G52A DA132M4	34	93
68	1060	1.20	21.45	G52C DA132M4		95
73	980	1.40	19.83			
81	880	1.60	17.86			
91	790	1.70	16.01			
101	710	1.90	14.33			
112	635	2.00	12.90			
129	555	2.1	11.25			
144	500	2.3	10.08			
162	440	2.4	8.94			
185	390	2.6	7.86			
206	345	2.3	7.02			
229	310	2.5	6.32			
80	890	1.00	18.06	G42A DA132M4	33	72
89	805	1.05	16.30	G42C DA132M4		73
97	740	1.10	15.00			
108	660	1.20	13.41			
122	590	1.30	11.90			
137	520	1.40	10.55			
154	465	1.45	9.39			
180	395	1.60	8.04			
204	350	1.70	7.09			
213	335	1.40	6.82			
240	300	1.50	6.05			
270	265	1.65	5.36			
304	235	1.80	4.77			
355	200	2.0	4.09			
402	178	2.2	3.61			

## 9.2 kW

44	2020	0.80	33.76	G53A DA160MS4	34	115
49	1790	0.85	29.91	G53C DA160MS4		116
55	1590	0.95	26.62			
64	1360	1.05	22.80			
73	1200	1.10	20.11			

n2	T2	cG	i	Type	Dimensions	~kg
[1/min]	[Nm]				Page	

## 9.2 kW

82	1070	1.35	17.86	G52A DA160MS4	34	115
92	955	1.40	16.01	G52C DA160MS4		116
103	855	1.55	14.33			
114	770	1.65	12.90			
131	675	1.75	11.25			
146	605	1.90	10.08			
164	535	2.0	8.94			
187	470	2.1	7.86			
209	420	1.95	7.02			
233	380	2.1	6.32			
267	330	2.3	5.51			
298	295	2.5	4.94			
335	260	2.7	4.38			
382	230	2.9	3.85			

110	800	1.00	13.41	G42A DA160MS4	33	93
123	710	1.05	11.90	G42C DA160MS4		94
139	630	1.15	10.55			
157	560	1.20	9.39			
183	480	1.30	8.04			
207	425	1.40	7.09			
216	405	1.15	6.82			
243	360	1.25	6.05			
274	320	1.35	5.36			
308	285	1.50	4.77			
360	245	1.65	4.09			
408	215	1.80	3.61			

## 11.0 kW

55	1900	0.80	26.62	G53A DA160M4	34	115
64	1630	0.90	22.80	G53C DA160M4		116
73	1440	0.95	20.11			
82	1280	1.10	17.86	G52A DA160M4	34	115
92	1140	1.20	16.01	G52C DA160M4		116
103	1020	1.30	14.33			
114	920	1.35	12.90			
131	805	1.50	11.25			
146	720	1.60	10.08			
164	640	1.65	8.94			
187	560	1.80	7.86			
209	500	1.60	7.02			
233	450	1.75	6.32			
267	395	1.95	5.51			
298	355	2.1	4.94			
335	315	2.2	4.38			
382	275	2.4	3.85			

110	960	0.85	13.41	G42A DA160M4	33	93
123	850	0.90	11.90	G42C DA160M4		94
139	755	0.95	10.55			
157	670	1.00	9.39			
183	575	1.10	8.04			
207	505	1.20	7.09			
216	485	0.95	6.82			
243	430	1.05	6.05			
274	385	1.15	5.36			
308	340	1.25	4.77			
360	290	1.40	4.09			
408	260	1.50	3.61			

# Helical Geared Motors G



n2	T2	cG	i	Type	Dimensions	~kg
[1/min]	[Nm]				Page	

## 15.0 kW

82	1740	0.80	17.86	G52A DA160L4	34	134
92	1560	0.85	16.01	G52C DA160L4		136
103	1400	0.95	14.33			
114	1260	1.00	12.90			
131	1100	1.10	11.25			
146	985	1.15	10.08			
164	870	1.25	8.94			
187	765	1.30	7.86			
209	685	1.20	7.02			
233	615	1.30	6.32			
267	535	1.40	5.51			
298	480	1.55	4.94			
335	425	1.65	4.38			
382	375	1.75	3.85			

## 18.5 kW

114	1550	0.80	12.90	G52A DA180M4	34	164
131	1350	0.90	11.25	G52C DA180M4		165
146	1210	0.95	10.08			
165	1070	1.00	8.94			
188	940	1.05	7.86			
210	840	0.95	7.02			
233	755	1.05	6.32			
267	660	1.15	5.51			
299	590	1.25	4.94			
337	525	1.35	4.38			
383	460	1.45	3.85			

n2	T2	cG	i	Type	Dimensions	~kg
[1/min]	[Nm]				Page	

# Helical Geared Motors G for very low Output Speeds



n2 [1/min]	i	Type	Dimensions Page	~kg
---------------	---	------	--------------------	-----

## 1630 Nm

0.10	13862	G53G23A DL63K4	34/35	55
0.12	11843	G53G23C DL63K4		56
0.14	10249			
0.16	8958.3			
0.18	7892.3			
0.20	6996.9			
0.22	6278.4			
0.26	5487.9			
0.29	4834.9			
0.33	4286.4			
0.38	3752.8			
0.43	3306.2			
0.48	2931.1			

## 875 Nm

0.11	12756	G43G23A DL63K4	33/35	34
0.13	10898	G43G23C DL63K4		34
0.15	9431.2			
0.17	8243.8			
0.19	7262.8			
0.22	6438.8			
0.24	5777.7			
0.28	5050.2			
0.32	4449.3			
0.36	3944.5			
0.41	3453.5			
0.46	3042.5			
0.52	2697.3			
0.58	2429.7	G43G22A DL63K4	33/35	34
0.68	2085.9	G43G22C DL63K4		34
0.78	1814.5			
0.88	1594.8			

## 480 Nm

0.12	11893	G33G13A DL63K4	32/35	22
0.14	10082	G33G13C DL63K4		22
0.16	8652.7			
0.19	7495.5			
0.22	6539.6			
0.25	5736.6			
0.28	5052.5			
0.32	4442.9			
0.37	3813.0			
0.43	3303.0			
0.49	2881.8			
0.55	2565.1	G33G12A DL63K4	32/35	22
0.64	2191.5	G33G12C DL63K4		22
0.74	1896.5			
0.85	1657.7			
0.97	1460.5			
1.1	1294.8			
1.2	1153.6			
1.4	1035.6			
1.6	903.90			

n2 [1/min]	i	Type	Dimensions Page	~kg
---------------	---	------	--------------------	-----

## 235 Nm

0.14	10074	G23G13A DL63K4	31/35	17
0.17	8540.3	G23G13C DL63K4		17
0.19	7329.5			
0.22	6349.2			
0.25	5539.5			
0.29	4859.3			
0.33	4279.9			
0.37	3763.4			
0.44	3229.8			
0.50	2797.9			
0.58	2441.1			
0.65	2164.1			

0.72	1960.4	G22G13A DL63K4	31/35	17
0.85	1661.9	G22G13C DL63K4		17
0.99	1426.3			
1.1	1235.5			
1.3	1078.0			
1.5	945.59			
1.7	832.84			
1.9	732.34			
2.2	628.51			
2.6	544.45			
3.0	475.02			

3.3	422.82	G22G12A DL63K4	31/35	17
		G22G12C DL63K4		17

## 117 Nm

0.23	6085.3	G13G03A DL63K4	30/35	14
0.27	5140.9	G13G03C DL63K4		14
0.32	4395.3			
0.37	3791.8			
0.43	3293.2			
0.49	2874.3			
0.57	2481.0			
0.66	2140.3			
0.76	1858.8			
0.87	1622.4			

0.99	1424.2	G13G02A DL63K4	30/35	14
1.2	1203.2	G13G02C DL63K4		14

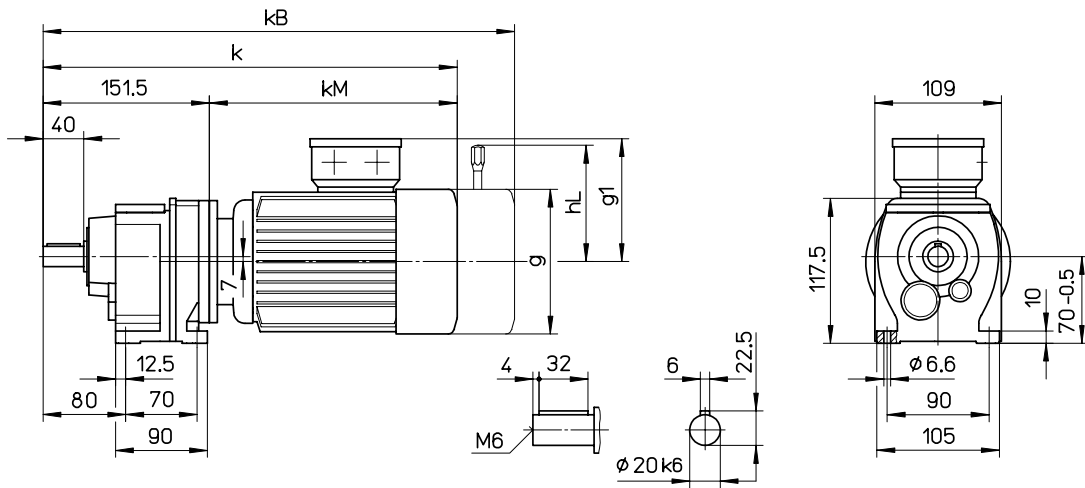
1.4	1028.7			
1.6	887.43			
1.8	770.74			
2.1	672.72			
2.4	589.22			
2.8	506.43			
3.2	436.89			
3.7	379.44			
4.3	331.18			
4.9	290.08			
5.6	251.28			
6.4	219.23			

# Helical Geared Motors G



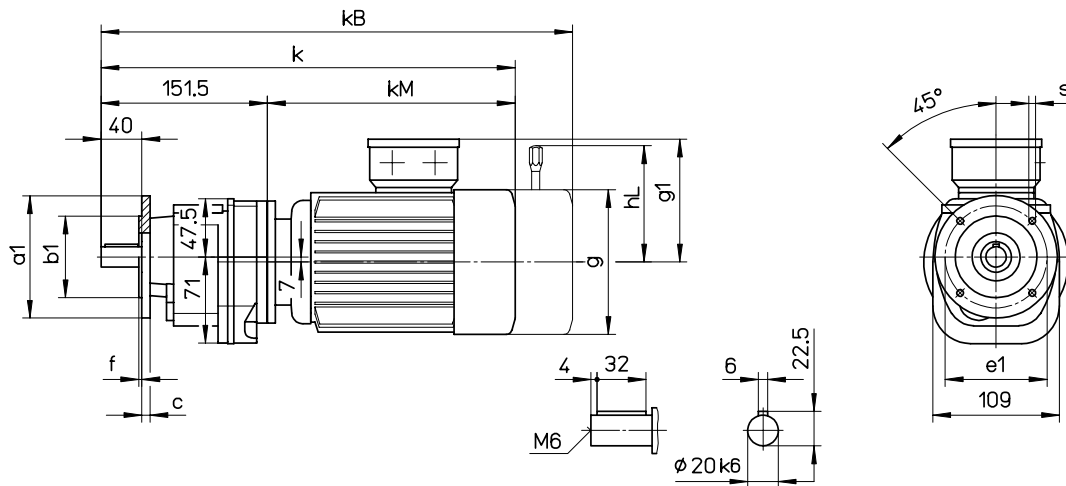
## G02A / G03A

Foot mounted version



## G02C / G03C

Flange mounted version



	k	kB	kM	g	g1	hL
G0_DL63/71	353	407	201	126	113	106
G0_DL80	396	453	244	142	121	114

Flange	a1	e1	b1	s	c	f
Ø120	120	100	80 j6	6.6	8	3

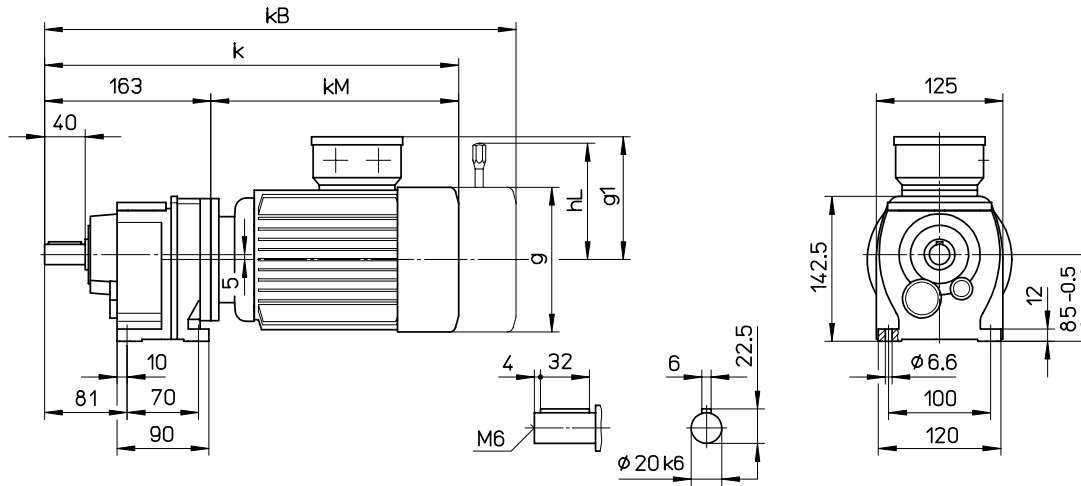
Dimensions kB and hL apply to geared motors with brake.

# Helical Geared Motors G



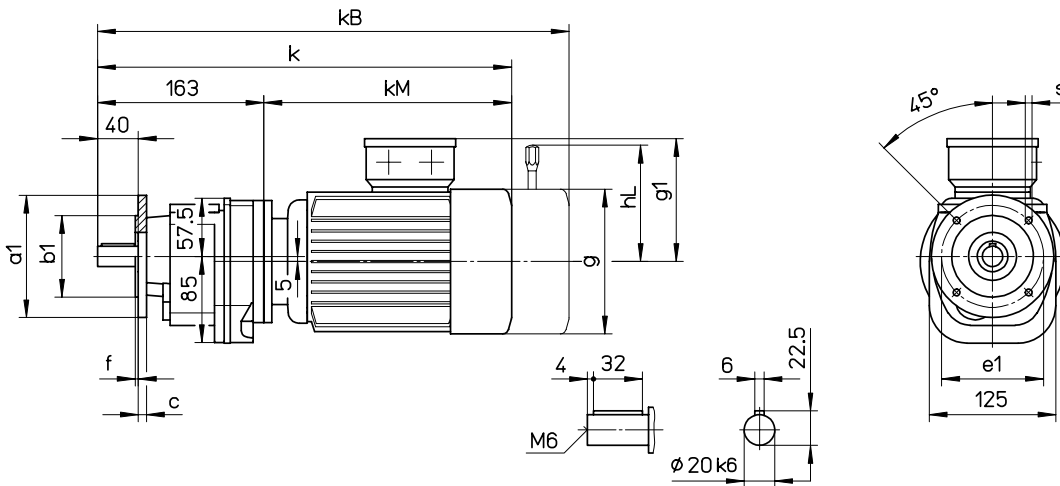
## G12A / G13A

Foot mounted version



## G12C / G13C

Flange mounted version



	k	kB	kM	g	g1	hL
G1_DL63/71	363	417	200	126	113	106
G1_DL80	406	463	243	142	121	114
G1_DL90	452	517	289	160	130	128

Flange	a1	e1	b1	s	c	f
Ø120	120	100	80 j6	6.6	8	3
Ø140	140	115	95 j6	9	9	3

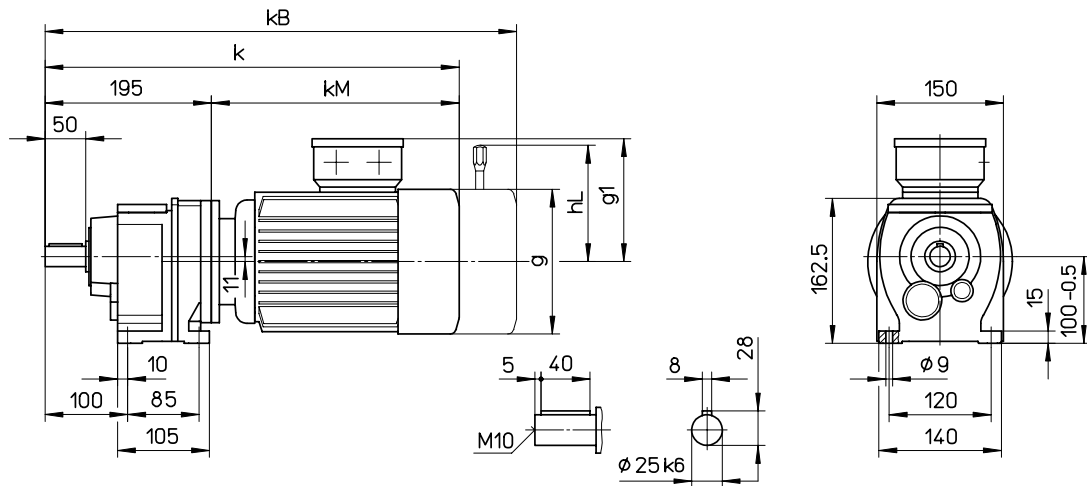
Dimensions kB and hL apply to geared motors with brake.

# Helical Geared Motors G



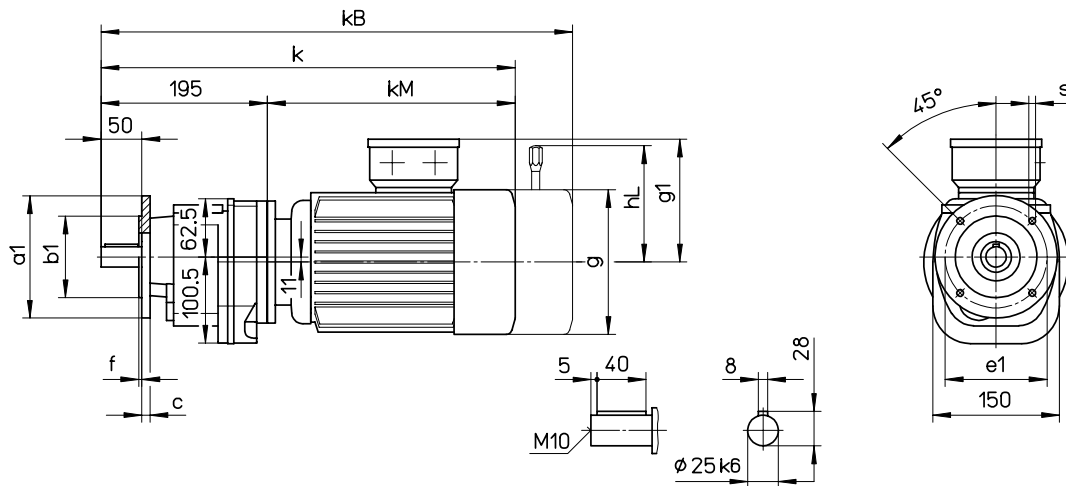
## G22A / G23A

Foot mounted version



## G22C / G23C

Flange mounted version



	k	kB	kM	g	g1	hL
G2_DL63/71	392	446	197	126	113	106
G2_DL80	435	492	240	142	121	114
G2_DL90	479	544	284	160	130	128
G2_DL100	532	603	337	180	141	168

Flange	a1	e1	b1	s	c	f
Ø140	140	115	95 j6	9	9	3
Ø160	160	130	110 j6	9	9	3.5

Dimensions kB and hL apply to geared motors with brake.

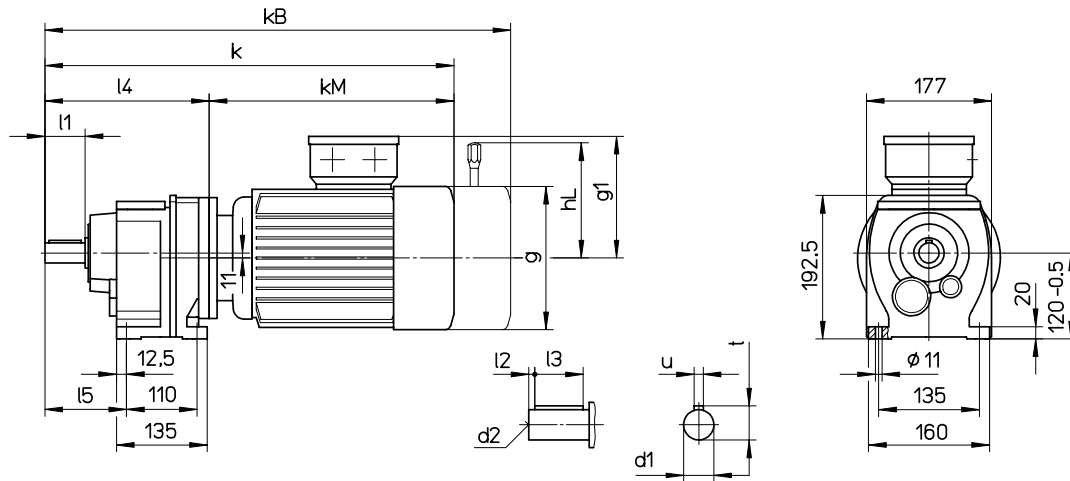


# Helical Geared Motors G



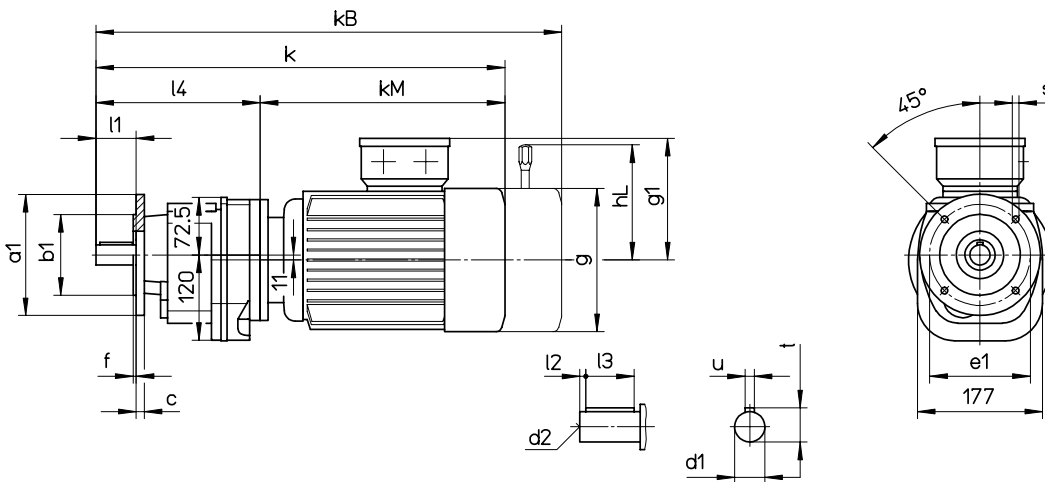
## G32A / G33A

Foot mounted version



## G32C / G33C

Flange mounted version



	Shaft Ø30x60		Shaft Ø35x70		kM	g	g1	hL
	k	kB	k	kB				
G3_DL63/71	430	484	440	494	196	126	113	106
G3_DL80	473.5	530.5	483.5	540.5	239.5	142	120.5	114
G3_DL90	519.5	584.5	529.5	594.5	285.5	160	129.5	128
G3_DL100	568	639	578	649	334	180	141	168
G3_DL112	609.5	696.5	619.5	706.5	375.5	200	151	176
G3_DA132	669	768	679	778	435	245	188	225

Shaft	d1	l1	t	u	d2	l2	l3	l4	l5
Ø30x60	30k6	60	33	8	M10	5	50	234	116.5
Ø35x70	35k6	70	38	10	M12	7	56	244	126.5

Flange	a1	e1	b1	s	c	f
Ø160	160	130	110 j6	9	9	3.5
Ø200	200	165	130 j6	11	10	3.5

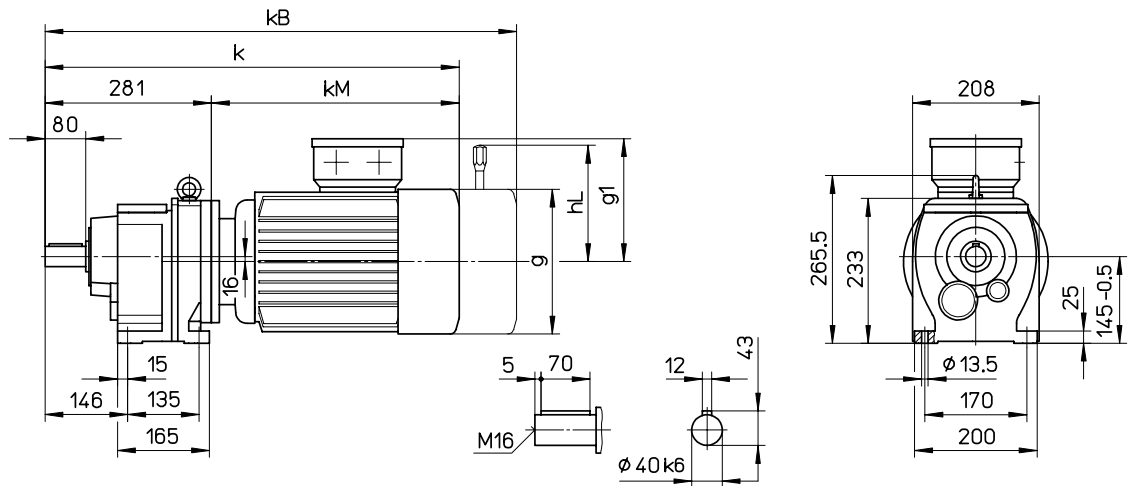
Dimensions kB and hL apply to geared motors with brake.

# Helical Geared Motors G



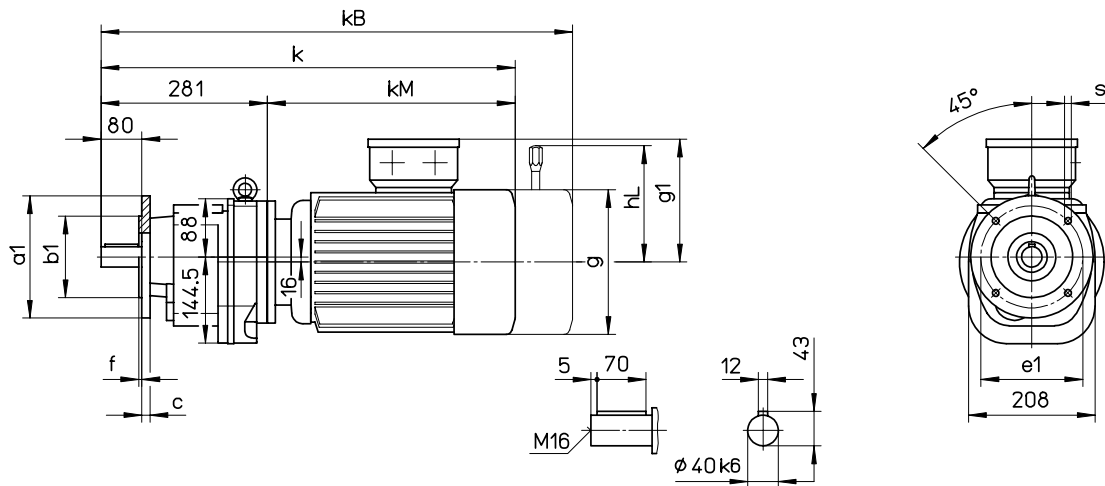
## G42A / G43A

Foot mounted version



## G42C / G43C

Flange mounted version



	k	kB	kM	g	g1	hL
G4_DL63/71	473.5	527.5	192.5	126	113	106
G4_DL80	517	574	236	142	121	114
G4_DL90	563	628	282	160	130	128
G4_DL100	610	681	329	180	141	168
G4_DL112	652	739	371	200	151	176
G4_DA132	712.5	811.5	431.5	245	188	225
G4_DL160	820.5	940.5	539.5	311	250	256

Flange	a1	e1	b1	s	c	f
Ø200	200	165	130 j6	11	10	3.5

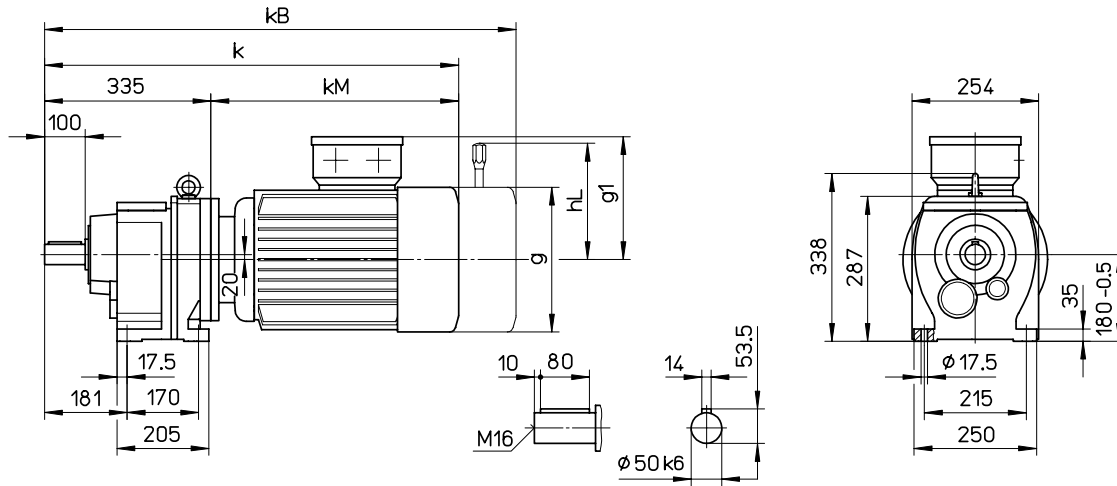
Dimensions kB and hL apply to geared motors with brake.

# Helical Geared Motors G



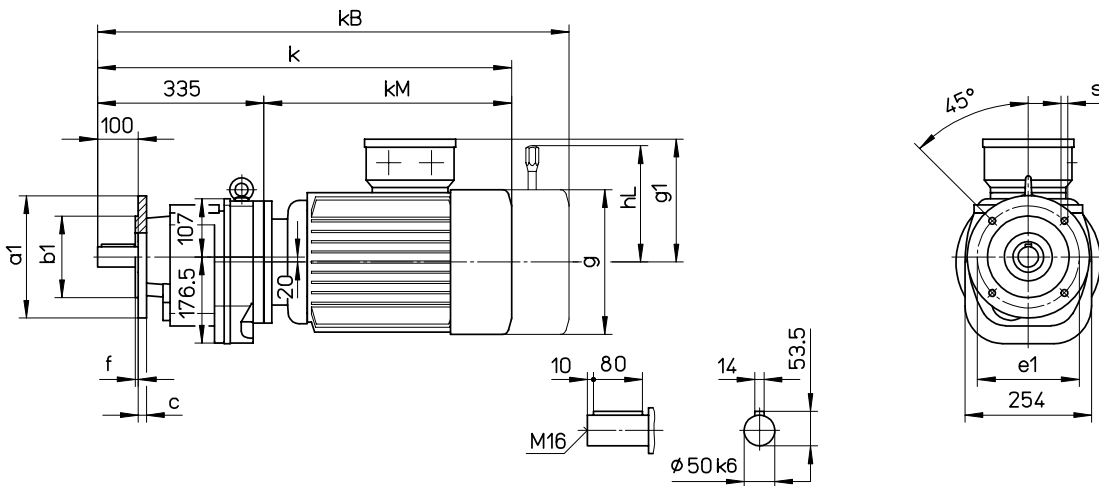
## G52A / G53A

Foot mounted version



## G52C / G53C

Flange mounted version

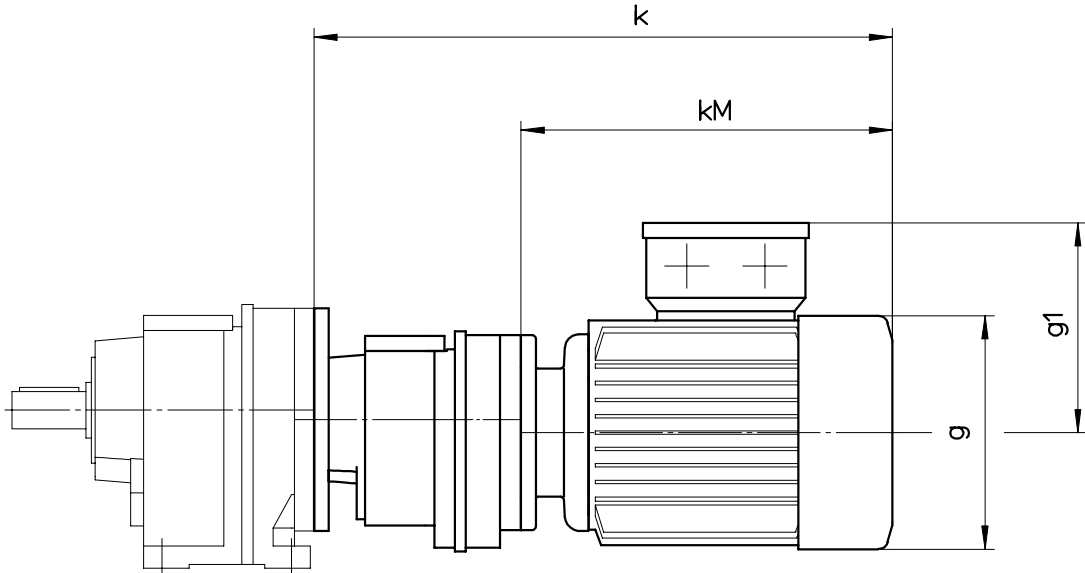


	k	kB	kM	g	g1	hL
G5_DL80	566	623	231	142	121	114
G5_DL90	612	677	277	160	130	128
G5_DL100	661	732	326	180	141	168
G5_DL112	702.5	789.5	367.5	200	151	176
G5_DA132	763	862	428	245	188	225
G5_DL160	867	987	532	311	250	256
G5_DL180	924	1063	589	356	291	335

Flange	a1	e1	b1	s	c	f
Ø250	250	215	180 j6	13.5	11	4

Dimensions kB and hL apply to geared motors with brake.

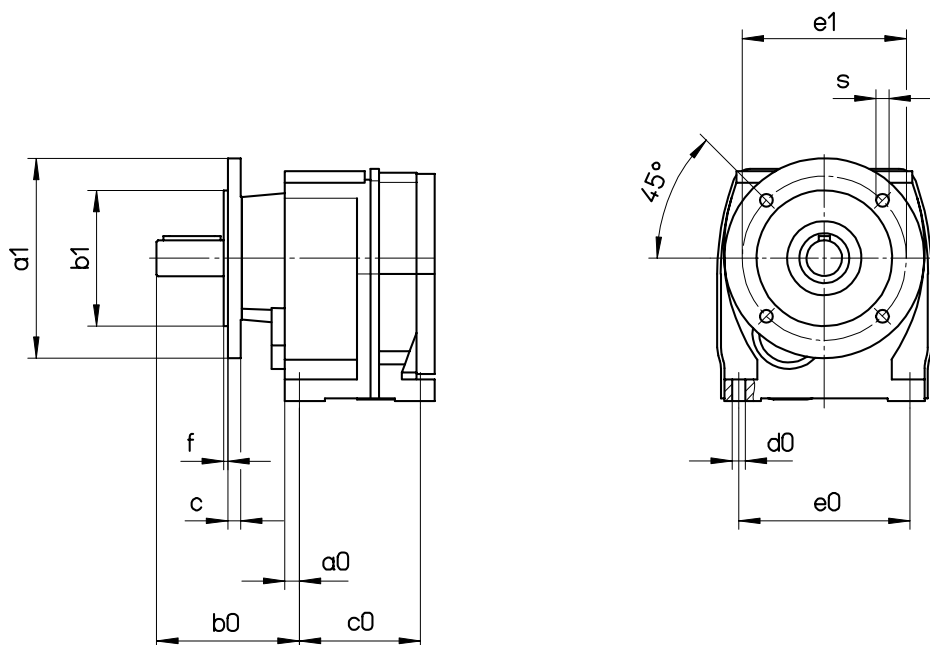
# Helical Geared Motors G for very low Output Speeds



	<b>k</b>	<b>kM</b>	<b>g</b>	<b>g1</b>
<b>G1_G0_DL63/71</b>	313	201	126	113
<b>G2_G1_DL63/71</b>	323	200	126	113
<b>G33G1_DL63/71</b>	323	200	126	113
<b>G43G2_DL63/71</b>	342	197	126	113
<b>G43G2_DL80</b>	385	240	142	121
<b>G53G2_DL63/71</b>	342	197	126	113
<b>G53G2_DL80</b>	385	240	142	121
<b>G53G2_DL90</b>	429	284	160	130

# Helical Gear Units G

## Foot - Flange mounted version



Gear	Shaft	a0	b0	c0	d0	e0	a1	e1	b1	c	s	f
<b>G0</b>	20x40	12.5	80	70	Ø6.6	90	120	100	80 j6	8	6.6	3
							140	115	95 j6	9	9	3
<b>G1</b>	20x40	10	81	70	Ø6.6	100	120	100	80 j6	8	6.6	3
							140	115	95 j6	9	9	3
<b>G2</b>	25x50	10	100	85	Ø9	120	140	115	95 j6	9	9	3
							160	130	110 j6	9	9	3.5
<b>G3</b>	30x60 35x70	12.5	116.5	110	Ø11	135	160	130	110 j6	9	9	3.5
			126.5				200	165	130 j6	10	11	3.5
<b>G4</b>	40x80	15	146	135	Ø13.5	170	200	165	130 j6	10	11	3.5
<b>G5</b>	50x100	17.5	181	170	Ø17.5	215	250	215	180 j6	11	13.5	4

# Helical Gear Units G



i	n2 [1/min] n1=1400	T2max [Nm]	P1max [kW]	-W	Motor adapter	Motor adapter	Motor adapter
					-M IEC	-M NEMA	-M S

## G03

72.52	19	60	0.12	W1	63 71	56	70
61.26	23	60	0.14	W1	63 71	56	70
52.38	27	60	0.17	W1	63 71	56	70
45.19	31	60	0.19	W1	63 71	56	70
39.24	36	60	0.22	W1	63 71	56	70
34.25	41	60	0.26	W1	63 71	56	70
29.57	47	60	0.30	W1	63 71	56	70
25.51	55	60	0.34	W1	63 71	56	70
22.15	63	60	0.40	W1	63 71	56	70
19.33	72	60	0.45	W1	63 71	56	70

## G02

16.97	82	60	0.52	W1	63 71	56	70
14.34	98	60	0.61	W1	63 71	56	70
12.26	114	60	0.72	W1	63 71	56	70
10.58	132	60	0.75	W1	63 71	56	70
9.18	152	58	0.75	W1	63 71	56	70
8.02	175	55	0.75	W1	63 71	56	70
7.02	199	51	0.75	W1	63 71	56	70
6.04	232	46	0.75	W1	63 71	56	70
5.21	269	43	0.75	W1	63 71	56	70
4.52	310	40	0.75	W1	63 71	56	70
3.95	355	37	0.75	W1	63 71	56	70
3.46	405	35	0.75	W1	63 71	56	70

# Helical Gear Units G



i	n2 [1/min] n1=1400	T2max [Nm]	P1max [kW]	-W	Motor adapter	Motor adapter	Motor adapter
					-M IEC	-M NEMA	-M S

## G13G03

6085.3	0.23	117	<0.05	W1	63 71	56	70
5140.9	0.27	117	<0.05	W1	63 71	56	70
4395.3	0.32	117	<0.05	W1	63 71	56	70
3791.8	0.37	117	<0.05	W1	63 71	56	70
3293.2	0.43	117	<0.05	W1	63 71	56	70
2874.3	0.49	117	<0.05	W1	63 71	56	70
2481.0	0.56	117	<0.05	W1	63 71	56	70
2140.3	0.65	117	<0.05	W1	63 71	56	70
1858.8	0.75	117	<0.05	W1	63 71	56	70
1622.4	0.86	117	<0.05	W1	63 71	56	70

## G13G02

1424.2	0.98	117	<0.05	W1	63 71	56	70
1203.2	1.2	117	<0.05	W1	63 71	56	70
1028.7	1.4	117	<0.05	W1	63 71	56	70
887.43	1.6	117	<0.05	W1	63 71	56	70
770.74	1.8	117	<0.05	W1	63 71	56	70
672.72	2.1	117	<0.05	W1	63 71	56	70
589.22	2.4	117	<0.05	W1	63 71	56	70
506.43	2.8	117	<0.05	W1	63 71	56	70
436.89	3.2	117	<0.05	W1	63 71	56	70
379.44	3.7	117	<0.05	W1	63 71	56	70
331.18	4.2	117	0.05	W1	63 71	56	70
290.08	4.8	117	0.06	W1	63 71	56	70
251.28	5.6	117	0.07	W1	63 71	56	70
219.23	6.4	117	0.08	W1	63 71	56	70
192.31	7.3	117	0.09	W1	63 71	56	70
169.38	8.3	117	0.10	W1	63 71	56	70
145.94	9.6	115	0.12	W1	63 71	56	70
127.83	11	115	0.13	W1	63 71	56	70

# Helical Gear Units G



i	n2 [1/min] n1=1400	T2max [Nm]	P1max [kW]	-W	Motor adapter	Motor adapter	Motor adapter
					-M IEC	-M NEMA	-M S

## G13

115.34	12	117	0.15	W1	63 71	56	70
97.78	14	117	0.18	W1	63 71	56	70
83.91	17	117	0.20	W1	63 71 80	56 140	70 90
72.69	19	117	0.24	W1	63 71 80	56 140	70 90
63.42	22	117	0.27	W1	63 71 80	56 140	70 90
55.63	25	117	0.31	W1	63 71 80	56 140	70 90
49.00	29	117	0.35	W1	63 71 80	56 140	70 90
43.09	32	117	0.40	W1	63 71	56	70
36.98	38	117	0.46	W1	63 71 80	56 140	70 90
32.03	44	117	0.54	W1	63 71 80 90	56 140	70 90 110
27.95	50	117	0.61	W2	63 71 80 90	56 140	70 90 110
24.52	57	117	0.70	W2	63 71 80 90	56 140	70 90 110
21.59	65	117	0.79	W2	63 71 80 90	56 140	70 90 110

## G12

24.88	56	117	0.69	W1	63 71	56	70
21.25	66	117	0.81	W1	63 71	56	70
18.39	76	117	0.93	W2	63 71 80	56 140	70 90
16.08	87	117	1.07	W2	63 71 80 90	56 140	70 90 110
14.16	99	117	1.21	W2	63 71 80 90	56 140	70 90 110
12.56	111	117	1.37	W2	63 71 80 90	56 140	70 90 110
11.19	125	117	1.50	W2	63 71 80 90	56 140	70 90 110
10.04	139	112	1.50	W2	63 71 80 90	56 140	70 90 110
8.77	160	106	1.50	W2	63 71 80 90	56 140	70 90 110
7.68	182	100	1.50	W2	63 71 80 90	56 140	70 90 110
7.06	198	97	1.50	W2	63 71 80 90	56 140	70 90 110
6.22	225	92	1.50	W2	63 71 80 90	56 140	70 90 110
5.51	254	87	1.50	W2	63 71 80 90	56 140	70 90 110
4.91	285	83	1.50	W2	63 71 80 90	56 140	70 90 110
4.41	318	79	1.50	W2	63 71 80 90	56 140	70 90 110
3.85	364	74	1.50	W2	63 71 80 90	56 140	70 90 110
3.37	415	69	1.50	W2	63 71 80 90	56 140	70 90 110



# Helical Gear Units G



i	n2 [1/min] n1=1400	T2max [Nm]	P1max [kW]	-W	Motor adapter	Motor adapter	Motor adapter
					-M IEC	-M NEMA	-M S

## G23G13

10074	0.14	233	<0.05	W1	63 71	56	70
8540.3	0.16	233	<0.05	W1	63 71	56	70
7329.5	0.19	233	<0.05	W1	63 71	56	70
6349.2	0.22	233	<0.05	W1	63 71	56	70
5539.5	0.25	233	<0.05	W1	63 71	56	70
4859.3	0.29	233	<0.05	W1	63 71	56	70
4279.9	0.33	233	<0.05	W1	63 71	56	70
3763.4	0.37	233	<0.05	W1	63 71	56	70
3229.8	0.43	233	<0.05	W1	63 71	56	70
2797.9	0.50	233	<0.05	W1	63 71	56	70
2441.1	0.57	233	<0.05	W1	63 71	56	70
2164.1	0.65	233	<0.05	W1	63 71	56	70

## G22G13

1960.4	0.71	233	<0.05	W1	63 71	56	70
1661.9	0.84	233	<0.05	W1	63 71	56	70
1426.3	0.98	233	<0.05	W1	63 71	56	70
1235.5	1.1	233	<0.05	W1	63 71	56	70
1078.0	1.3	233	<0.05	W1	63 71	56	70
945.59	1.5	233	<0.05	W1	63 71	56	70
832.84	1.7	233	<0.05	W1	63 71	56	70
732.34	1.9	233	<0.05	W1	63 71	56	70
628.51	2.2	233	0.05	W1	63 71	56	70
544.45	2.6	233	0.06	W1	63 71	56	70
475.02	2.9	233	0.07	W1	63 71	56	70

## G22G12

422.82	3.3	233	0.08	W1	63 71	56	70
361.24	3.9	233	0.09	W1	63 71	56	70
312.61	4.5	233	0.11	W1	63 71	56	70
273.25	5.1	233	0.13	W1	63 71	56	70
240.74	5.8	233	0.14	W1	63 71	56	70
213.43	6.6	233	0.16	W1	63 71	56	70
190.16	7.4	233	0.18	W1	63 71	56	70
170.71	8.2	233	0.20	W1	63 71 80	56 140	70 90

# Helical Gear Units G



i	n2 [1/min] n1=1400	T2max [Nm]	P1max [kW]	-W	Motor adapter	Motor adapter	Motor adapter
					-M IEC	-M NEMA	-M S

## G23

153.41	9.1	233	0.22	W1	63 71	56	70
131.06	11	233	0.26	W1	63 71	56	70
113.42	12	233	0.30	W1	63 71 80	56 140	70 90
99.14	14	233	0.34	W1	63 71 80	56 140	70 90
87.34	16	233	0.39	W1	63 71 80 90	56 140	70 90 110
77.43	18	233	0.44	W1	63 71 80 90	56 140	70 90 110
69.48	20	233	0.49	W1	63 71 80	56 140	70 90
60.74	23	233	0.56	W1	63 71 80 90	56 140	70 90 110
53.51	26	233	0.64	W2	63 71 80 90	56 140	70 90 110
47.44	30	233	0.72	W2	63 71 80 90	56 140	70 90 110
41.53	34	233	0.82	W2	63 71 80 90	56 140	70 90 110
36.59	38	233	0.93	W2	63 71 80 90 100	56 140 180	70 90 110 140
32.44	43	233	1.05	W2	63 71 80 90 100	56 140 180	70 90 110 140
28.90	48	233	1.18	W2	63 71 80 90 100	56 140 180	70 90 110 140
25.95	54	233	1.32	W2	63 71 80 90 100	56 140 180	70 90 110 140
22.65	62	230	1.49	W2	63 71 80 90 100	56 140 180	70 90 110 140
19.83	71	233	1.72	W2	63 71 80 90 100 112	56 140 180	70 90 110 140

## G22

29.22	48	233	1.17	W1	63 71	56	70
25.09	56	233	1.36	W1	63 71	56	70
21.82	64	233	1.57	W2	63 71 80	56 140	70 90
19.18	73	233	1.78	W2	63 71 80 90	56 140	70 90 110
17.00	82	233	2.01	W3	63 71 80 90 100	56 140 180	70 90 110 140
15.16	92	233	2.25	W3	63 71 80 90 100 112	56 140 180	70 90 110 140
13.60	103	233	2.51	W3	63 71 80 90 100 112	56 140 180	70 90 110 140
12.36	113	233	2.76	W3	63 71 80 90 100 112	56 140 180	70 90 110 140
10.90	128	233	3.00	W3	63 71 80 90 100 112	56 140 180	70 90 110 140
9.65	145	230	3.00	W3	63 71 80 90 100 112	56 140 180	70 90 110 140
8.64	162	220	3.00	W3	80 90 100 112	140 180	90 110 140
7.52	186	210	3.00	W3	80 90 100 112	140 180	90 110 140
7.04	199	167	3.00	W3	63 71 80 90 100 112	56 140 180	70 90 110 140
6.31	222	164	3.00	W3	63 71 80 90 100 112	56 140 180	70 90 110 140
5.74	244	197	3.00	W3	63 71 80 90 100 112	56 140 180	70 90 110 140
5.06	277	183	3.00	W3	63 71 80 90 100 112	56 140 180	70 90 110 140
4.48	312	169	3.00	W3	63 71 80 90 100 112	56 140 180	70 90 110 140
4.01	349	157	3.00	W3	80 90 100 112	140 180	90 110 140
3.49	401	142	3.00	W3	80 90 100 112	140 180	90 110 140

# Helical Gear Units G



i	n2 [1/min] n1=1400	T2max [Nm]	P1max [kW]	-W	Motor adapter	Motor adapter	Motor adapter
					-M IEC	-M NEMA	-M S

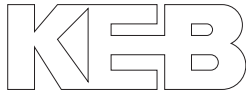
## G33G13

11893	0.12	482	<0.05	W1	63 71	56	70
10082	0.14	482	<0.05	W1	63 71	56	70
8652.7	0.16	482	<0.05	W1	63 71	56	70
7495.5	0.19	482	<0.05	W1	63 71	56	70
6539.6	0.21	482	<0.05	W1	63 71	56	70
5736.6	0.24	482	<0.05	W1	63 71	56	70
5052.5	0.28	482	<0.05	W1	63 71	56	70
4442.9	0.32	482	<0.05	W1	63 71	56	70
3813.0	0.37	482	<0.05	W1	63 71	56	70
3303.0	0.42	482	<0.05	W1	63 71	56	70
2881.8	0.49	482	<0.05	W1	63 71	56	70

## G33G12

2565.1	0.55	482	<0.05	W1	63 71	56	70
2191.5	0.64	482	<0.05	W1	63 71	56	70
1896.5	0.74	482	<0.05	W1	63 71	56	70
1657.7	0.84	482	<0.05	W1	63 71	56	70
1460.5	0.96	482	<0.05	W1	63 71	56	70
1294.8	1.1	482	0.05	W1	63 71	56	70
1153.6	1.2	482	0.06	W1	63 71	56	70
1035.6	1.4	482	0.07	W1	63 71	56	70
903.90	1.5	482	0.08	W1	63 71	56	70
791.71	1.8	482	0.09	W1	63 71	56	70
727.68	1.9	482	0.10	W1	63 71	56	70
641.09	2.2	482	0.11	W1	63 71	56	70
568.36	2.5	482	0.12	W1	63 71	56	70
506.40	2.8	482	0.14	W1	63 71	56	70
454.59	3.1	482	0.16	W1	63 71	56	70
396.78	3.5	482	0.18	W1	63 71	56	70
347.53	4.0	482	0.20	W1	63 71 80	56 140	70 90
310.04	4.5	482	0.23	W1	63 71 80	56 140	70 90
278.10	5.0	482	0.25	W1	63 71 80	56 140	70 90
252.75	5.5	482	0.28	W1	63 71 80	56 140	70 90
222.84	6.3	482	0.32	W1	63 71 80	56 140	70 90
197.36	7.1	482	0.36	W1	63 71 80	56 140	70 90

# Helical Gear Units G



i	n2 [1/min] n1=1400	T2max [Nm]	P1max [kW]	-W	Motor adapter	Motor adapter	Motor adapter
					-M IEC	-M NEMA	-M S

## G33

177.27	7.9	482	0.40	W1	63 71	56	70
152.19	9.2	482	0.46	W1	63 71	56	70
132.39	11	482	0.53	W1	63 71 80	56 140	70 90
116.36	12	482	0.61	W2	63 71 80 90	56 140	70 90 110
103.11	14	482	0.69	W2	63 71 80 90	56 140	70 90 110
91.99	15	482	0.77	W2	63 71 80 90 100	56 140 180	70 90 110 140
82.51	17	482	0.86	W2	63 71 80 90 100	56 140 180	70 90 110 140
74.99	19	482	0.94	W2	63 71 80 90 100	56 140 180	70 90 110 140
66.12	21	482	1.07	W2	63 71 80 90 100	56 140 180	70 90 110 140
58.56	24	482	1.21	W2	63 71 80 90 100	56 140 180	70 90 110 140
52.40	27	482	1.35	W2	80 90 100	140 180	90 110 140
51.70	27	482	1.37	W2	63 71 80 90	56 140	70 90 110
45.61	31	482	1.55	W2	80 90 100 112	140 180	90 110 140
40.87	34	482	1.73	W2	63 71 80 90 100 112	56 140 180	70 90 110 140
36.66	38	475	1.90	W3	63 71 80 90 100 112	56 140 180	70 90 110 140
33.32	42	460	2.02	W3	63 71 80 90 100 112	56 140 180	70 90 110 140
29.38	48	440	2.20	W3	63 71 80 90 100 112	56 140 180	70 90 110 140
26.02	54	420	2.37	W3	63 71 80 90 100 112	56 140 180	70 90 110 140
23.28	60	405	2.55	W3	80 90 100 112	140 180	90 110 140
20.27	69	385	2.79	W3	80 90 100 112	140 180	90 110 140

## G32

25.67	55	482	2.75	W2	63 71 80 90	56 140	70 90 110
22.92	61	482	3.08	W3	63 71 80 90 100	56 140 180	70 90 110 140
20.61	68	482	3.43	W3	63 71 80 90 100 112	56 140 180	70 90 110 140
18.65	75	482	3.79	W3	63 71 80 90 100 112	56 140 180	70 90 110 140
17.00	82	482	4.16	W3	63 71 80 90 100 112	56 140 180	70 90 110 140
15.16	92	482	4.66	W4	63 71 80 90 100 112 132	56 140 180 210	70 90 110 140 190
13.60	103	482	5.2	W4	63 71 80 90 100 112 132	56 140 180 210	70 90 110 140 190
12.34	113	482	5.5	W4	80 90 100 112 132	140 180 210	90 110 140 190
10.93	128	470	5.5	W4	80 90 100 112 132	140 180 210	90 110 140 190
9.63	145	440	5.5	W4	80 90 100 112 132	140 180 210	90 110 140 190
8.43	166	415	5.5	W4	80 90 100 112 132	140 180 210	90 110 140 190
7.40	189	390	5.5	W4	100 112 132	180 210	140 190
6.54	214	319	5.5	W4	63 71 80 90 100 112 132	56 140 180 210	70 90 110 140 190
5.94	236	325	5.5	W4	80 90 100 112 132	140 180 210	90 110 140 190
5.26	266	305	5.5	W4	80 90 100 112 132	140 180 210	90 110 140 190
4.63	302	290	5.5	W4	80 90 100 112 132	140 180 210	90 110 140 190
4.06	345	275	5.5	W4	80 90 100 112 132	140 180 210	90 110 140 190
3.56	393	260	5.5	W4	100 112 132	180 210	140 190

# Helical Gear Units G



i	n2 [1/min] n1=1400	T2max [Nm]	P1max [kW]	-W	Motor adapter	Motor adapter	Motor adapter
					-M IEC	-M NEMA	-M S

## G43G23

12756	0.11	875	<0.05	W1	63 71	56	70
10898	0.13	875	<0.05	W1	63 71	56	70
9431.2	0.15	875	<0.05	W1	63 71	56	70
8243.8	0.17	875	<0.05	W1	63 71	56	70
7262.8	0.19	875	<0.05	W1	63 71	56	70
6438.8	0.22	875	<0.05	W1	63 71	56	70
5777.7	0.24	875	<0.05	W1	63 71	56	70
5050.2	0.28	875	<0.05	W1	63 71	56	70
4449.3	0.31	875	<0.05	W1	63 71	56	70
3944.5	0.35	875	<0.05	W1	63 71	56	70
3453.5	0.41	875	<0.05	W1	63 71	56	70
3042.5	0.46	875	<0.05	W1	63 71	56	70
2697.3	0.52	875	<0.05	W1	63 71	56	70

## G43G22

2429.7	0.58	875	0.05	W1	63 71	56	70
2085.9	0.67	875	0.06	W1	63 71	56	70
1814.5	0.77	875	0.07	W1	63 71	56	70
1594.8	0.88	875	0.08	W1	63 71	56	70
1413.3	0.99	875	0.09	W1	63 71	56	70
1260.8	1.1	875	0.10	W1	63 71	56	70
1131.0	1.2	875	0.11	W1	63 71	56	70
1027.9	1.4	875	0.12	W1	63 71	56	70
906.23	1.5	875	0.14	W1	63 71	56	70
802.62	1.7	875	0.16	W1	63 71	56	70
719.94	1.9	875	0.18	W1	63 71	56	70
653.17	2.1	875	0.20	W1	63 71 80	56 140	70 90
585.39	2.4	875	0.22	W1	63 71 80	56 140	70 90
525.09	2.7	875	0.24	W1	63 71 80	56 140	70 90
477.22	2.9	875	0.27	W1	63 71 80	56 140	70 90
420.75	3.3	875	0.30	W1	63 71 80	56 140	70 90
372.64	3.8	875	0.34	W1	63 71 80	56 140	70 90
334.26	4.2	875	0.38	W1	63 71 80 90	56 140	70 90 110
303.26	4.6	875	0.42	W1	63 71 80 90	56 140	70 90 110
268.73	5.2	875	0.48	W1	63 71 80 90	56 140	70 90 110
240.42	5.8	875	0.53	W1	63 71 80 90	56 140	70 90 110

# Helical Gear Units G



i	n2 [1/min] n1=1400	T2max [Nm]	P1max [kW]	-W	Motor adapter	Motor adapter	Motor adapter
					-M IEC	-M NEMA	-M S

## G43

210.05	6.7	875	0.61	W1	63 71	56	70
181.51	7.7	875	0.71	W1	63 71	56	70
158.99	8.8	875	0.81	W2	63 71 80	56 140	70 90
140.75	9.9	875	0.91	W2	63 71 80 90	56 140	70 90 110
125.69	11	875	1.02	W2	63 71 80 90 100	56 140 180	70 90 110 140
113.03	12	875	1.13	W2	63 71 80 90 100	56 140 180	70 90 110 140
102.26	14	875	1.25	W2	63 71 80 90 100	56 140 180	70 90 110 140
93.21	15	875	1.38	W2	63 71 80 90 100	56 140 180	70 90 110 140
83.15	17	875	1.54	W2	63 71 80 90 100 112	56 140 180	70 90 110 140
74.59	19	875	1.72	W2	63 71 80 90 100 112	56 140 180	70 90 110 140
67.67	21	875	1.90	W3	80 90 100 112	140 180	90 110 140
59.97	23	875	2.14	W3	80 90 100 112	140 180	90 110 140
56.95	25	875	2.25	W3	63 71 80 90 100 112	56 140 180	70 90 110 140
51.52	27	875	2.49	W3	63 71 80 90 100 112	56 140 180	70 90 110 140
46.96	30	875	2.73	W3	63 71 80 90 100 112	56 140 180	70 90 110 140
41.89	33	875	3.06	W3	63 71 80 90 100 112 132	56 140 180 210	70 90 110 140 190
37.58	37	875	3.41	W3	63 71 80 90 100 112 132	56 140 180 210	70 90 110 140 190
34.09	41	875	3.76	W3	80 90 100 112 132	140 180 210	90 110 140 190
30.21	46	875	4.25	W3	80 90 100 112 132	140 180 210	90 110 140 190
26.59	53	860	4.74	W4	80 90 100 112 132	140 180 210	90 110 140 190
23.29	60	800	5.0	W4	80 90 100 112 132	140 180 210	90 110 140 190
20.45	68	735	5.3	W4	100 112 132	180 210	140 190

## G42

26.83	52	875	4.78	W3	63 71 80 90 100	56 140 180	70 90 110 140
24.23	58	863	5.2	W3	63 71 80 90 100 112	56 140 180	70 90 110 140
22.01	64	852	5.7	W3	63 71 80 90 100 112	56 140 180	70 90 110 140
20.12	70	860	6.3	W3	63 71 80 90 100 112	56 140 180	70 90 110 140
18.06	78	875	7.1	W4	63 71 80 90 100 112 132	56 140 180 210	70 90 110 140 190
16.30	86	845	7.6	W4	63 71 80 90 100 112 132	56 140 180 210	70 90 110 140 190
15.00	93	815	8.0	W4	80 90 100 112 132	140 180 210	90 110 140 190
13.41	104	805	8.8	W4	80 90 100 112 132	140 180 210	90 110 140 190
11.90	118	760	9.4	W4	80 90 100 112 132	140 180 210	90 110 140 190
10.55	133	725	10.1	W4	80 90 100 112 132	140 180 210	90 110 140 190
9.39	149	680	10.6	W4	100 112 132	180 210	140 190
8.04	174	635	11.0	W4	132	210	190
7.09	197	600	11.0	W4	132	210	190
6.82	205	470	10.1	W4	80 90 100 112 132	140 180 210	90 110 140 190
6.05	231	455	11.0	W4	80 90 100 112 132	140 180 210	90 110 140 190
5.36	261	440	11.0	W4	80 90 100 112 132	140 180 210	90 110 140 190
4.77	293	425	11.0	W4	100 112 132	180 210	140 190
4.09	342	405	11.0	W4	132	210	190
3.61	388	385	11.0	W4	132	210	190

# Helical Gear Units G



i	n2 [1/min] n1=1400	T2max [Nm]	P1max [kW]	-W	Motor adapter	Motor adapter	Motor adapter
					-M IEC	-M NEMA	-M S

## G53G23

13862	0.10	1628	<0.05	W1	63 71	56	70
11843	0.12	1628	<0.05	W1	63 71	56	70
10249	0.14	1628	<0.05	W1	63 71	56	70
8958.3	0.16	1628	<0.05	W1	63 71	56	70
7892.3	0.18	1628	<0.05	W1	63 71	56	70
6996.9	0.20	1628	<0.05	W1	63 71	56	70
6278.4	0.22	1628	<0.05	W1	63 71	56	70
5487.9	0.26	1628	<0.05	W1	63 71	56	70
4834.9	0.29	1628	<0.05	W1	63 71	56	70
4286.4	0.33	1628	0.06	W1	63 71	56	70
3752.8	0.37	1628	0.06	W1	63 71	56	70
3306.2	0.42	1628	0.07	W1	63 71	56	70
2931.1	0.48	1628	0.08	W1	63 71	56	70

## G53G22

2640.3	0.53	1628	0.09	W1	63 71	56	70
2266.7	0.62	1628	0.11	W1	63 71	56	70
1971.8	0.71	1628	0.12	W1	63 71	56	70
1733.0	0.81	1628	0.14	W1	63 71	56	70
1535.8	0.91	1628	0.16	W1	63 71	56	70
1370.1	1.0	1628	0.17	W1	63 71	56	70
1229.0	1.1	1628	0.19	W1	63 71 80	56 140	70 90
1116.9	1.3	1628	0.21	W1	63 71 80	56 140	70 90
984.77	1.4	1628	0.24	W1	63 71 80	56 140	70 90
872.18	1.6	1628	0.27	W1	63 71 80	56 140	70 90
802.80	1.7	1628	0.30	W1	63 71 80	56 140	70 90
717.52	2.0	1628	0.33	W1	63 71 80	56 140	70 90
636.13	2.2	1628	0.38	W1	63 71 80 90	56 140	70 90 110
570.60	2.5	1628	0.42	W1	63 71 80 90	56 140	70 90 110
518.58	2.7	1628	0.46	W1	63 71 80 90	56 140	70 90 110
457.21	3.1	1628	0.52	W1	63 71 80 90	56 140	70 90 110
404.94	3.5	1628	0.59	W2	63 71 80 90	56 140	70 90 110
372.73	3.8	1628	0.64	W2	63 71 80 90	56 140	70 90 110
333.14	4.2	1628	0.72	W2	63 71 80 90	56 140	70 90 110
295.82	4.7	1628	0.81	W2	63 71 80 90 100	56 140 180	70 90 110 140
262.14	5.3	1628	0.91	W2	63 71 80 90 100	56 140 180	70 90 110 140
229.46	6.1	1628	1.04	W2	63 71 80 90 100	56 140 180	70 90 110 140
207.08	6.8	1628	1.15	W2	63 71 80 90 100	56 140 180	70 90 110 140
190.61	7.3	1628	1.25	W2	63 71 80 90 100	56 140 180	70 90 110 140

# Helical Gear Units G



i	n2 [1/min] n1=1400	T2max [Nm]	P1max [kW]	-W	Motor adapter	Motor adapter	Motor adapter
					-M IEC	-M NEMA	-M S

## G53

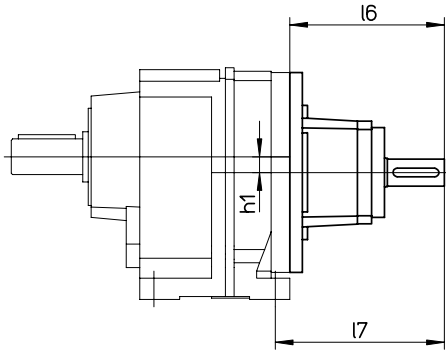
186.77	7.5	1628	1.28	W2	80	140	90
165.96	8.4	1628	1.44	W2	80 90	140	90 110
148.78	9.4	1628	1.60	W2	80 90 100	140 180	90 110 140
134.34	10	1628	1.78	W3	80 90 100 112	140 180	90 110 140
122.04	11	1628	1.96	W3	80 90 100 112	140 180	90 110 140
111.58	13	1628	2.14	W3	80 90 100 112	140 180	90 110 140
100.12	14	1628	2.38	W3	80 90 100 112	140 180	90 110 140
90.36	15	1628	2.64	W3	80 90 100 112	140 180	90 110 140
83.17	17	1628	2.87	W3	80 90 100 112	140 180	90 110 140
74.34	19	1628	3.21	W3	80 90 100 112 132	140 180 210	90 110 140 190
66.01	21	1628	3.62	W3	80 90 100 112 132	140 180 210	90 110 140 190
58.49	24	1628	4.08	W3	80 90 100 112 132 160	140 180 210 250	90 110 140 190
51.20	27	1628	4.66	W4	80 90 100 112 132	140 180 210	90 110 140 190
46.21	30	1628	5.2	W4	80 90 100 112 132	140 180 210	90 110 140 190
42.53	33	1628	5.6	W4	80 90 100 112 132	140 180 210	90 110 140 190
38.01	37	1628	6.3	W4	80 90 100 112 132 160	140 180 210 250	90 110 140 190
33.76	41	1628	7.1	W4	80 90 100 112 132 160	140 180 210 250	90 110 140 190
29.91	47	1560	7.6	W4	80 90 100 112 132 160 180	140 180 210 250 280	90 110 140 190
26.62	53	1500	8.3	W4	100 112 132 160 180	180 210 250 280	140 190
22.80	61	1430	9.2	W5	132 160 180	210 250 280	190
20.11	70	1350	9.8	W5	132 160 180	210 250 280	190

## G52

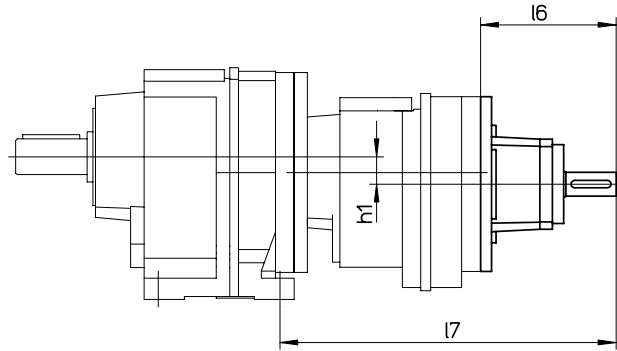
31.19	45	1130	5.3	W3	80 90 100 112	140 180	90 110 140
28.45	49	1120	5.8	W3	80 90 100 112	140 180	90 110 140
26.17	53	1330	7.4	W3	80 90 100 112	140 180	90 110 140
23.62	59	1310	8.1	W4	80 90 100 112 132	140 180 210	90 110 140 190
21.45	65	1290	8.8	W4	80 90 100 112 132	140 180 210	90 110 140 190
19.83	71	1390	10.3	W4	80 90 100 112 132	140 180 210	90 110 140 190
17.86	78	1430	11.7	W5	80 90 100 112 132 160	140 180 210 250	90 110 140 190
16.01	87	1360	12.5	W5	80 90 100 112 132 160	140 180 210 250	90 110 140 190
14.33	98	1330	13.6	W5	80 90 100 112 132 160 180	140 180 210 250 280	90 110 140 190
12.90	109	1260	14.3	W5	100 112 132 160 180	180 210 250 280	140 190
11.25	124	1190	15.5	W5	132 160 180	210 250 280	190
10.08	139	1140	16.6	W5	132 160 180	210 250 280	190
8.94	157	1070	17.5	W5	132 160 180	210 250 280	190
7.86	178	1000	18.5	W5	132 160 180	210 250 280	190
7.02	199	815	17.0	W5	80 90 100 112 132 160 180	140 180 210 250 280	90 110 140 190
6.32	221	790	18.3	W5	100 112 132 160 180	180 210 250 280	140 190
5.51	254	760	18.5	W5	132 160 180	210 250 280	190
4.94	283	735	18.5	W5	132 160 180	210 250 280	190
4.38	319	700	18.5	W5	132 160 180	210 250 280	190
3.85	364	660	18.5	W5	132 160 180	210 250 280	190



# Helical Gear Units G



**Fig. 1**

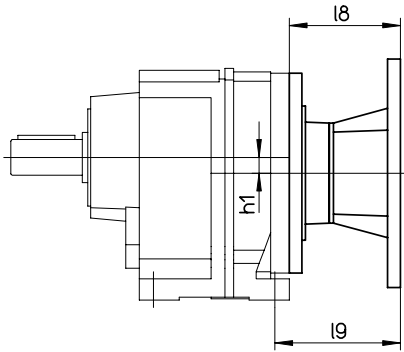


**Fig. 2**

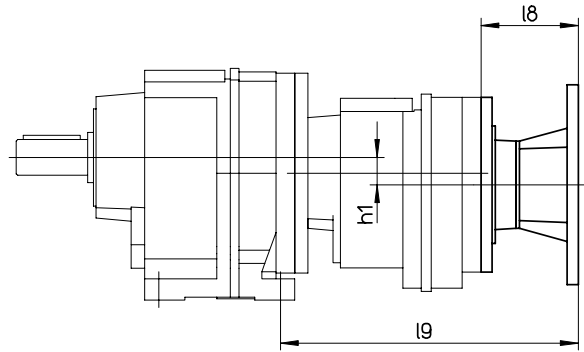
Type	Fig.	$h_1$	$l_6$	$l_7$
G0_-W1	1	7	79.5	81
G1_-W1	1	5	78.5	90.5
G1_-W2	1	5	113.5	125.5
G13G0_-W1	2	12	79.5	203
G2_-W1	1	11	75.5	85.5
G2_-W2	1	11	108.5	118.5
G2_-W3	1	11	153.5	163.5
G2_G1_-W1	2	16	78.5	211.5
G2_G1_-W2	2	16	113.5	246.5
G3_-W1	1	11	75	83
G3_-W2	1	11	110	118
G3_-W3	1	11	154	162
G3_-W4	1	11	192.5	200.5
G33G1_-W1	2	16	78.5	209.5
G33G1_-W2	2	16	113.5	244.5

Type	Fig.	$h_1$	$l_6$	$l_7$
G4_-W1	1	16	71.5	71.5
G4_-W2	1	16	106.5	106.5
G4_-W3	1	16	149.5	149.5
G4_-W4	1	16	189	189
G43G2_-W1	2	27	75.5	220.5
G43G2_-W2	2	27	108.5	253.5
G43G2_-W3	2	27	153.5	298.5
G5_-W2	1	20	101.5	85.5
G5_-W3	1	20	146	130
G5_-W4	1	20	185.5	169.5
G5_-W5	1	20	243.5	227.5
G53G2_-W1	2	31	75.5	204.5
G53G2_-W2	2	31	108.5	237.5
G53G2_-W3	2	31	153.5	282.5

# Helical Gear Units G with Adapter for IEC Motors



**Fig. 1**

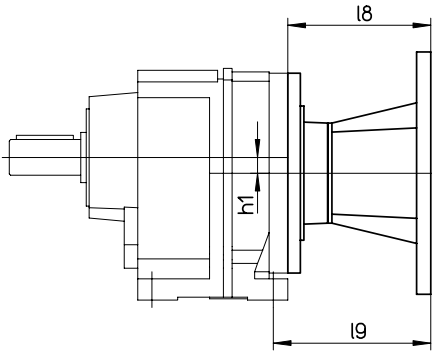


**Fig. 2**

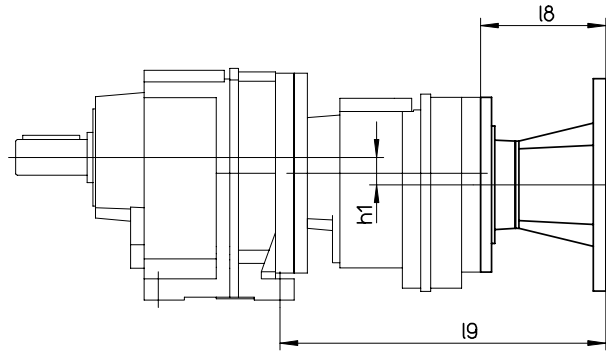
Type	Fig.	h1	l8	l9
G0_-M IEC63	1	7	75	76.5
G0_-M IEC71	1	7	82	83.5
G1_-M IEC63	1	5	74	86
G1_-M IEC71	1	5	81	93
G1_-M IEC80	1	5	118	130
G1_-M IEC90	1	5	128	140
G13G0_-M IEC63	2	12	75	198.5
G13G0_-M IEC71	2	12	82	205.5
G2_-M IEC63	1	11	71	81
G2_-M IEC71	1	11	78	88
G2_-M IEC80	1	11	113	123
G2_-M IEC90	1	11	123	133
G2_-M IEC100	1	11	156.5	166.5
G2_-M IEC112	1	11	156.5	166.5
G2_G1_-M IEC63	2	16	74	207
G2_G1_-M IEC71	2	16	81	214
G2_G1_-M IEC80	2	16	118	251
G32_-M IEC63	1	11	70.5	78.5
G3_-M IEC71	1	11	77.5	85.5
G3_-M IEC80	1	11	114.5	122.5
G3_-M IEC90	1	11	124.5	132.5
G3_-M IEC100	1	11	157	165
G3_-M IEC112	1	11	157	165
G3_-M IEC132	1	11	196	204
G33G1_-M IEC63	2	16	74	205
G33G1_-M IEC71	2	16	81	212
G33G1_-M IEC80	2	16	118	249

Type	Fig.	h1	l8	l9
G4_-M IEC63	1	16	67	67
G4_-M IEC71	1	16	74	74
G4_-M IEC80	1	16	111	111
G4_-M IEC90	1	16	121	121
G4_-M IEC100	1	16	152.5	152.5
G4_-M IEC112	1	16	152.5	152.5
G4_-M IEC132	1	16	192.5	192.5
G43G2_-M IEC63	2	27	71	216
G43G2_-M IEC71	2	27	78	223
G43G2_-M IEC80	2	27	113	258
G43G2_-M IEC90	2	27	123	268
G5_-M IEC80	1	20	106	90
G5_-M IEC90	1	20	116	100
G5_-M IEC100	1	20	149	133
G5_-M IEC112	1	20	149	133
G5_-M IEC132	1	20	189	173
G5_-M IEC160	1	20	249	233
G5_-M IEC180	1	20	249	233
G53G2_-M IEC63	2	31	71	200
G53G2_-M IEC71	2	31	78	207
G53G2_-M IEC80	2	31	113	242
G53G2_-M IEC90	2	31	123	252
G53G2_-M IEC100	2	31	156.5	285.5

# Helical Gear Units G with Adapter for NEMA Motors



**Fig. 1**

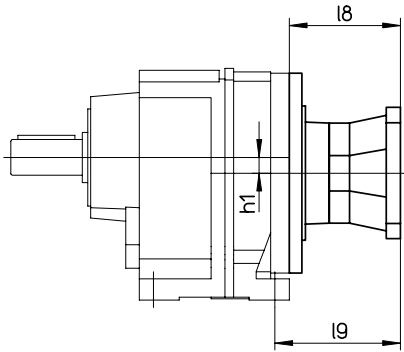


**Fig. 2**

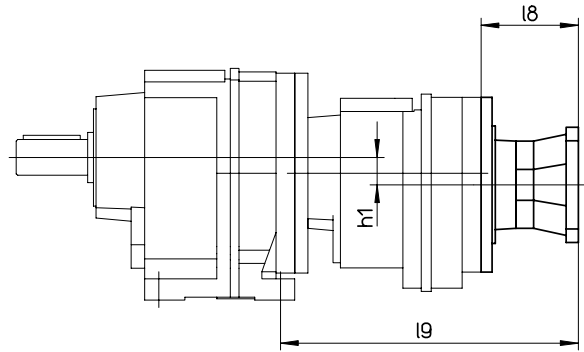
Type	Fig.	h1	l8	l9
G0_-M NEMA56	1	7	104	105.5
G1_-M NEMA56	1	5	103	115
G1_-M NEMA140	1	5	132	144
G13G0_-M NEMA56	2	12	104	227.5
G2_-M NEMA56	1	11	100	110
G2_-M NEMA140	1	11	127	137
G2_-M NEMA180	1	11	163	173
G2_G1_-M NEMA56	2	16	103	236
G2_G1_-M NEMA140	2	16	132	265
G3_-M NEMA56	1	11	99.5	107.5
G3_-M NEMA140	1	11	128.5	136.5
G3_-M NEMA180	1	11	163.5	171.5
G3_-M NEMA210	1	11	195.5	203.5
G33G1_-M NEMA56	2	16	103	234
G33G1_-M NEMA140	2	16	132	263

Type	Fig.	h1	l8	l9
G4_-M NEMA56	1	16	96	96
G4_-M NEMA140	1	16	125	125
G4_-M NEMA180	1	16	159	159
G4_-M NEMA210	1	16	192	192
G43G2_-M NEMA56	2	27	100	245
G43G2_-M NEMA140	2	27	127	272
G5_-M NEMA140	1	20	120	104
G5_-M NEMA180	1	20	155.5	139.5
G5_-M NEMA210	1	20	188.5	172.5
G5_-M NEMA250	1	20	234.5	218.5
G5_-M NEMA280	1	20	250.5	234.5
G53G2_-M NEMA56	2	31	100	229
G53G2_-M NEMA140	2	31	127	256
G53G2_-M NEMA180	2	31	163	292

# Helical Gear Units G with Adapter for Servo Motors



**Fig. 1**



**Fig. 2**

Type	Fig.	$h_1$	$l_8$	$l_9$
G0_-M S70/1	1	7	75	76.5
G1_-M S70/1	1	5	74	86
G1_-M S90/1	1	5	108	120
G1_-M S110/1	1	5	118	130
G13G0_-M S70/1	2	12	75	198.5
G2_-M S70/1	1	11	71	81
G2_-M S90/1	1	11	103	113
G2_-M S110/1	1	11	113	123
G2_-M S140/1	1	11	146.5	156.5
G2_G1_-M S70/1	2	16	74	207
G2_G1_-M S90/1	2	16	108	241
G3_-M S70/1	1	11	70.5	78.5
G3_-M S90/1	1	11	104.5	112.5
G3_-M S110/1	1	11	114.5	122.5
G3_-M S140/1	1	11	147	155
G3_-M S190/1	1	11	174	182
G33G1_-M S70/1	2	16	74	205
G33G1_-M S90/1	2	16	108	239

Type	Fig.	$h_1$	$l_8$	$l_9$
G4_-M S70/1	1	16	67	67
G4_-M S90/1	1	16	101	101
G4_-M S110/1	1	16	111	111
G4_-M S140/1	1	16	142.5	142.5
G4_-M S190/1	1	16	170.5	170.5
G43G2_-M S70/1	2	27	71	216
G43G2_-M S90/1	2	27	103	248
G43G2_-M S110/1	2	27	113	258
G5_-M S90/1	1	20	96	80
G5_-M S110/1	1	20	106	90
G5_-M S140/1	1	20	139	123
G5_-M S190/1	1	20	167	151
G53G2_-M S70/1	2	31	71	200
G53G2_-M S90/1	2	31	103	232
G53G2_-M S110/1	2	31	113	242
G53G2_-M S140/1	2	31	146.5	275.5