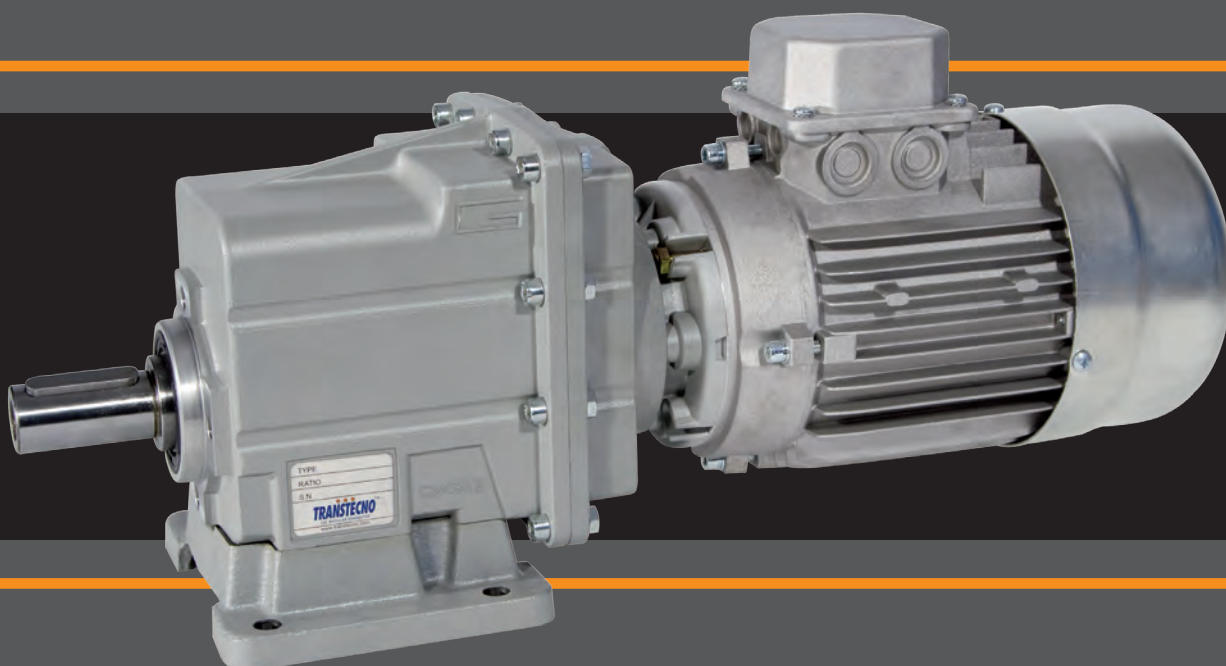
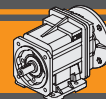


ЦИЛИНДРИЧЕСКИЕ РЕДУКТОРЫ
HELICAL GEARBOXES

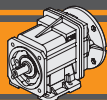




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Смазка	Lubrication	B3
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Соединительные адаптеры для моторов IEC	IEC Motor adapters	B12
Габаритные размеры	Dimensions	B14

Этот раздел заменяет все предыдущие версии и обновления. Если Вы получили каталог не через наших дистрибьюторов - не гарантируется, что этот каталог самой последней версии. Самая свежая версия всегда доступна на нашем сайте www.transtecno.com

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Технические характеристики

Высокая степень модульности редукторов серии CMG дает возможность выбора необходимых присоединительных фланцев и лап.

Основные характеристики:

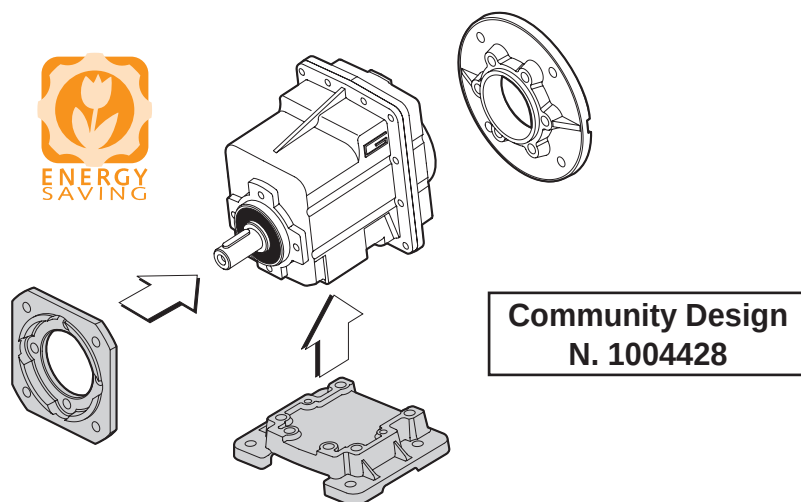
- Литой алюминиевый корпус со входными фланцами для габаритов 00, 01, 02, 03 и 04 и чугунный - для 05.
- Чугунные лапы и выходные фланцы;
- Шлифованные каленные цилиндрические шестерни;
- Синтетическая долговечная смазка.

Technical features

The high degree of modularity is a design feature of CMG helical gearboxes range. It is possible to set up the version required using flanges or feet.

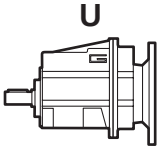
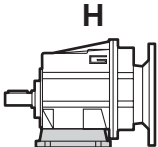
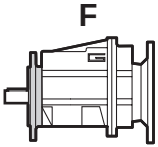
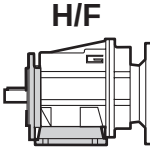
The main features of CMG range are:

- Die-cast aluminum housings and input flanges for sizes 00, 01, 02, 03 and 04. Cast iron housing on size 05;
- Cast iron feet and output flanges;
- Ground-hardened helical gears;
- Permanent synthetic oil long-life lubrication.

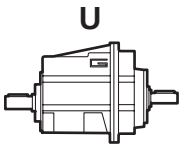
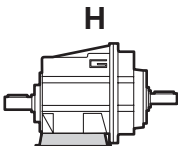
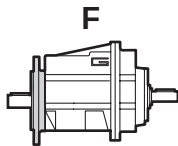
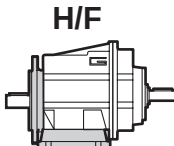


Маркировка

Designation

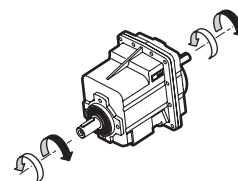
							
РЕДУКТОР / GEARBOX							
CMG	01	2	H65	9.81	71	B14	B3
Тип Type	Габарит Size	Количество ступеней Stages	Версия Version	Передаточное число Ratio	IEC 	Тип фланца Version	Монтажная позиция Mounting position
CMG	00	2	U...	См.таблицы see tables	63..	B5	B3-B5
	01	3	H...		—	B14	B8
	02		F...		112..		B6
	03		H.../F...				B7
	04						V5-V1
	05						V6-V3

ДВИГАТЕЛЬ / MOTOR				
0.75kW	4p	3ph	50Hz	T1
Мощность Power	Кол-во полюсов Poles	Кол-во фаз Phases	Частота Frequency	Позиция клеммной коробки Terminal box pos.
См. таблицы see tables	2p 4p 6p 8p	1ph 3ph	50Hz 60Hz	T1(stl)

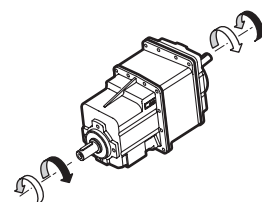
					
РЕДУКТОР / GEARBOX					
CMGIS	01	2	U	9.81	B3
Тип Type	Габарит Size	Количество ступеней Stages	Версия Version	Передаточное число Ratio	Монтажная позиция Mounting position
CMGIS	01	2	U...	См.таблицы see tables	B3-B5
	02	3	H...		B8
	03		F...		B6
	04		H.../F...		B7
	05				V5-V1
					V6-V3

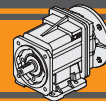
Направление вращения Direction of rotation

CMG...2
CMGIS..2



CMG...3
CMGIS..3





Смазка

Lubrication

Долговечная синтетическая смазка (коэффициент вязкости 320) дает возможность применять габариты 00, 01, 02, 03 и 04 во всех монтажных позициях и исключает необходимость обслуживания редукторов.
Для 05 габарита кол-во смазки зависит от монтажной позиции.

Permanent synthetic oil long-life lubrication (viscosity grade 320) makes it possible to use sizes 00, 01, 02, 03 and 04 in all mounting positions; for this reason they can be installed in any assembly position and do not require maintenance.
For size 05 lubrication depends on assembly position.

Примечание:

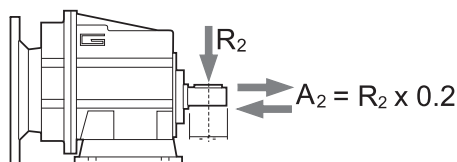
Для габаритов с 00 по 04 кол-во смазки не зависит от монтажной позиции.
The oil quantity does not depend on mounting position for sizes from 00 up to 04.

Количество смазки (литры) / Oil quantity (liters)										
CMG - CMGIS										
002	012	013	022	023	032	033	042	043	052	053
*	0.32	0.94	0.32	0.94	0.70	1.80	0.70	1.80	*	*

* Свяжитесь с техническим отделом / Contact our Technical Service

Радиальные нагрузки

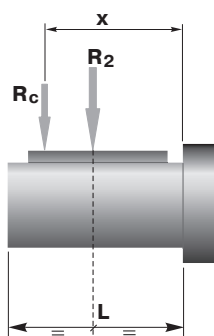
Radial loads



n ₂ [об/мин]	R ₂ [H]					
	CMG 00	CMG 01	CMG 02	CMG 03	CMG 04	CMG 05
700	416	764	1529	1987	2379	3556
600	437	805	1609	2092	2504	3744
500	465	855	1710	2223	2661	3979
400	501	921	1842	2395	2866	4286
250	586	1077	2154	2801	3353	5013
180	653	1323	2554	3321	3897	5853
150	748	1406	2714	3529	4244	6392
120	806	1631	3467	3801	4572	7388
100	958	1842	3684	4507	5234	7851
80	1032	1984	3969	5042	5991	8963
60	1136	2184	4368	5549	6594	10483
40	1300	2500	5000	6500	8000	12000
10	1300	2500	5000	6500	8000	12000

Если суммарная радиальная нагрузка не приходится на центр выходного вала, необходимо рассчитать её по формуле:

When the resulting radial load is not applied on the centre line of the shaft it is necessary to calculate the effective load with the following formula:



	CMG 00	CMG 01	CMG 02	CMG 03	CMG 04	CMG 05
a	73	104	117	132	150	180
b	53	84	92	102	115	140
R _{2MAX}	1300	2500	5000	6500	8000	12000

$$R_c = \frac{R_2 \cdot a}{(b + x)} \leq R_{2MAX}$$

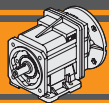
$$R \leq R_c$$

a, b = значения из таблицы
a, b = values given in the table

Обозначения

Symbols

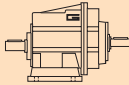
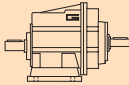
n ₁	[min ⁻¹]	Скорость на входе / Input speed
n ₂	[min ⁻¹]	Скорость на выходе / Output speed
i		Передаточное отношение / Ratio
P ₁	[kW]	Входная мощность / Input power
M ₂	[Nm]	Номинальный вых. момент при мощности P ₁ / Output torque referred to P ₁
Pn ₁	[kW]	Номинальная входная мощность / Nominal input power
Mn ₂	[Nm]	Номинальный вых. момент при мощности Pn ₁ / Nominal output torque referred to Pn ₁
sf		Сервис фактор / Service factor
R ₂	[N]	Радиальная нагрузка / Permitted output radial load
A ₂	[N]	Осевая нагрузка / Permitted output axial load

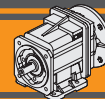
**CMG****ЦИЛИНДРИЧЕСКИЕ РЕДУКТОРЫ**
HELICAL GEARBOXES

Таблицы выбора

 n_1 1400 об/мин

Technical data

	n_2 [об/мин]	Mn_2 [Нм]	Pn_1 [кВт]	i		n_2 [об/мин]	Mn_2 [Нм]	Pn_1 [кВт]	i
CMGIS 002					CMGIS 022				
	279	40	1.2	5.03		383	100	4.2	3.66
	230	40	1.0	6.10		316	100	3.4	4.43
	187	40	0.82	7.49		257	100	2.8	5.45
	156	50	0.85	8.99		190	120	2.5	7.39
	138	50	0.75	10.16		159	120	2.1	8.78
	116	50	0.63	12.07		141	120	1.8	9.93
	105	70	0.80	13.40		127	200	2.8	11.01
	92.5	70	0.71	15.14		116	200	2.5	12.05
	77.1	70	0.59	18.17		106	200	2.3	13.21
	64.9	70	0.50	21.58		94.6	200	2.1	14.81
	59.6	70	0.45	23.51		81.9	160	1.4	17.10
	55.8	70	0.43	25.10		76.7	160	1.3	18.26
	51.7	70	0.39	27.08		69.7	200	1.5	20.08
	43.1	70	0.33	32.49		58.7	200	1.3	23.85
	33.3	70	0.25	42.04		46.8	200	1.0	29.93
	31.2	70	0.24	44.89		39.0	200	0.9	35.91
	28.7	70	0.22	48.86		30.1	200	0.7	46.46
						28.2	200	0.6	49.61
						25.9	200	0.6	54.00
CMGIS 012					CMGIS 023				
	367	60	2.4	3.82		29.7	200	0.66	47.19
	302	60	2.0	4.63		25.0	200	0.56	56.05
	246	60	1.6	5.69		21.9	200	0.49	64.01
	181	80	1.6	7.72		18.4	200	0.41	76.02
	153	80	1.3	9.17		15.5	200	0.35	90.29
	143	80	1.2	9.81		12.2	200	0.27	114.46
	122	100	1.3	11.50		10.3	200	0.23	135.95
	118	100	1.3	11.90		8.0	200	0.18	175.89
	101	120	1.3	13.80		6.8	200	0.15	204.69
	95.7	120	1.3	14.62		5.3	200	0.12	264.84
	78.4	120	1.0	17.86		4.5	200	0.10	307.80
	73.4	120	1.0	19.07		3.5	200	0.08	398.25
	70.6	120	0.9	19.83					
	59.4	120	0.8	23.56					
	47.4	120	0.6	29.56					
	39.5	120	0.5	35.47					
	30.5	120	0.4	45.89					
	28.6	120	0.4	49.00					
	26.3	120	0.3	53.33					
CMGIS 013					CMGIS 032				
	30.0	120	0.40	46.61		374	150	6.1	3.74
	25.3	120	0.34	55.36		311	150	5.1	4.50
	22.1	120	0.30	63.22		255	150	4.2	5.48
	18.6	120	0.25	75.08		222	180	4.4	6.31
	15.7	120	0.21	89.17		177	180	3.5	7.93
	12.4	120	0.17	113.05		154	180	3.0	9.08
	10.4	120	0.14	134.27		128	180	2.5	10.93
	8.1	120	0.11	173.72		111	250	3.0	12.60
	6.9	120	0.09	202.16		105	250	2.9	13.30
	5.4	120	0.07	261.57		91.5	280	2.8	15.30
	4.6	120	0.06	304.00		76.9	280	2.3	18.21
	3.6	120	0.05	393.33		72.8	280	2.2	19.24
						66.2	280	2.0	21.15
						45.8	300	1.5	30.57
						31.7	300	1.0	44.18
						27.3	300	0.9	51.30



Таблицы выбора

n_1 1400 об/мин

Technical data

	n_2 [об/мин]	Mn_2 [Нм]	Pn_1 [кВт]	i
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CMGIS 033

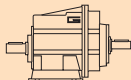
31.0	300	1.0	45.21
22.8	300	0.76	61.32
19.2	300	0.64	72.83
14.4	300	0.48	97.45
12.1	300	0.40	115.74
9.9	300	0.33	140.81
8.0	300	0.27	174.26
6.2	300	0.21	225.47
5.3	300	0.18	262.05
4.3	300	0.14	325.79
3.7	300	0.12	378.64

CMGIS 042

374	230	9.4	3.74
311	230	7.8	4.50
255	230	6.4	5.48
222	260	6.3	6.31
176	260	5.0	7.93
154	280	4.7	9.08
128	280	3.9	10.93
111	350	4.2	12.60
105	350	4.0	13.30
91.5	420	4.2	15.30
76.9	420	3.5	18.21
72.8	420	3.3	19.24
45.8	500	2.5	30.57
31.7	500	1.7	44.18
27.3	500	1.5	51.30

CMGIS 043

31.0	500	1.7	45.21
22.8	500	1.3	61.32
19.2	500	1.1	72.83
14.4	500	0.80	97.45
12.1	500	0.67	115.74
9.9	500	0.55	140.81
8.0	500	0.45	174.26
6.2	500	0.35	225.47
5.3	500	0.30	262.05
4.3	500	0.24	325.79
3.7	500	0.21	378.64

	n_2 [об/мин]	Mn_2 [Нм]	Pn_1 [кВт]	i
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CMGIS 052

371	410	16.6	3.78
292	410	13.0	4.80
241	410	10.8	5.82
210	470	10.7	6.68
167	470	8.6	8.37
153	510	8.5	9.16
141	510	7.9	9.90
120	630	8.3	11.64
106	630	7.3	13.25
99.2	750	8.1	14.11
86.4	750	7.1	16.20
68.9	750	5.6	20.31
58.3	900	5.7	24.02
43.6	900	4.3	32.13
30.2	900	3.0	46.31

CMGIS 053

25.0	900	2.50	56.05
21.7	900	2.18	64.48
18.7	900	1.87	74.96
17.3	900	1.73	81.07
16.2	900	1.63	86.24
12.9	900	1.29	108.43
10.9	900	1.09	128.84
8.1	900	0.81	172.32
7.5	900	0.75	186.17
6.5	900	0.65	216.19
5.6	900	0.56	248.99
4.8	900	0.49	289.15

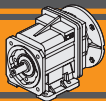
Примечание:

Pn_1 - входная механическая мощность, которую необходимо понижать для предотвращения возникновения перегрева.

Для получения более детальной информации свяжитесь, пожалуйста, с техническим отделом.

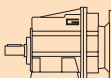
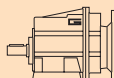
Note:

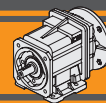
Pn_1 is an input mechanical power which must be reduced by the heating factor in order to get the relevant one. For more details please contact our Technical Service.

**CMG****ЦИЛИНДРИЧЕСКИЕ РЕДУКТОРЫ**
HELICAL GEARBOXES

Таблицы выбора

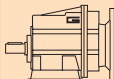
Technical data

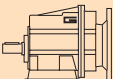
P ₁ [кВт]	n ₂ [об/мин]	M ₂ [Нм]	sf	i			P ₁ [кВт]	n ₂ [об/мин]	M ₂ [Нм]	sf	i			
0.12							0.12							
63A4 (1400 об/мин)	279	4	10.1	5.03	CMG002	B5/B14	63A4 (1400 об/мин)	8.0	134	2.2	174.26	CMG033	B5	
	230	5	8.3	6.10		B5/B14		6.2	173	1.7	225.47		B5	
	187	6	6.8	7.49		B5/B14		5.3	202	1.5	262.05		B5	
	156	7	7.1	8.99		B5/B14		4.3	251	1.2	325.79		B5	
	138	8	6.3	10.16		B5/B14		3.7	291	1.0	378.64		B5	
	116	9	5.3	12.07		B5/B14		5.3	202	2.5	262.05	CMG043	B5	
	105	11	6.7	13.40		B5/B14								
	92.5	12	5.9	15.14		B5/B14								
	77.1	14	4.9	18.17		B5/B14								
	64.9	17	4.1	21.58		B5/B14								
	59.6	18	3.8	23.51		B5/B14		4.3	251	2.0	325.79		B5	
	55.8	20	3.5	25.10		B5/B14								
	51.7	21	3.3	27.08		B5/B14								
	43.1	26	2.7	32.49		B5/B14								
	33.3	33	2.1	42.04		B5/B14								
	31.2	35	2.0	44.89		B5/B14		3.7	291	1.7	378.64		B5	
	28.7	38	1.8	48.86		B5/B14								
	367	3	20.0	3.82	CMG012	B5	63B4 (1400 об/мин)	279	6	6.8	5.03	CMG002	B5/B14	
	302	4	16.5	4.63		B5		230	7	5.6	6.10		B5/B14	
	246	5	13.4	5.69		B5		187	9	4.5	7.49		B5/B14	
	181	6	13.2	7.72		B5		156	11	4.7	8.99		B5/B14	
	153	7	11.1	9.17		B5		138	12	4.2	10.16		B5/B14	
	143	8	10.4	9.81		B5		116	14	3.5	12.07		B5/B14	
	122	9	11.1	11.50		B5		105	16	4.4	13.40		B5/B14	
	118	9	10.7	11.90		B5		92.5	18	3.9	15.14		B5/B14	
	101	11	11.1	13.80		B5		77.1	21	3.3	18.17		B5/B14	
	95.7	12	10.4	14.62		B5		64.9	25	2.8	21.58		B5/B14	
	78.4	14	8.6	17.86		B5		59.6	28	2.5	23.51		B5/B14	
73.4	15	8.0	19.07	B5		55.8		30	2.4	25.10	B5/B14			
70.6	16	7.7	19.83	B5		51.7		32	2.2	27.08	B5/B14			
59.4	19	6.5	23.56	B5		43.1		38	1.8	32.49	B5/B14			
47.4	23	5.2	29.56	B5		33.3		50	1.4	42.04	B5/B14			
39.5	28	4.3	35.47	B5		31.2		53	1.3	44.89	B5/B14			
30.5	36	3.3	45.89	B5		28.7		58	1.2	48.86	B5/B14			
28.6	39	3.1	49.00	B5		CMG012	367	5	13.3	3.82	CMG012		B5	
26.3	42	2.9	53.33	B5			302	6	11.0	4.63			B5	
30.0	36	3.3	46.61	CMG013	B5		246	7	8.9	5.69			B5	
25.3	43	2.8	55.36		B5		181	9	8.8	7.72			B5	
22.1	49	2.5	63.22		B5		153	11	7.4	9.17			B5	
18.6	58	2.1	75.08		B5		143	12	6.9	9.81			B5	
15.7	69	1.7	89.17		B5		122	14	7.4	11.50			B5	
12.4	87	1.4	113.05		B5		118	14	7.1	11.90			B5	
10.4	103	1.2	134.27		B5		101	16	7.4	13.80			B5	
8.1	134	0.9	173.72		B5		95.7	17	7.0	14.62			B5	
6.9	156	0.8	202.16		B5		78.4	21	5.7	17.86			B5	
12.2	88	2.3	114.46	CMG023	B5		73.4	22	5.3	19.07			B5	
10.3	105	1.9	135.95		B5		70.6	23	5.1	19.83	B5			
8.0	135	1.5	175.89		B5		59.4	28	4.3	23.56	B5			
6.8	157	1.3	204.69		B5		47.4	35	3.4	29.56	B5			
5.3	204	1.0	264.84		B5		39.5	42	2.9	35.47	B5			
4.5	237	0.8	307.80		B5		30.5	54	2.2	45.89	B5			
3.5	306	0.7	398.25		B5		28.6	58	2.1	49.00	B5			
							26.3	63	1.9	53.33	B5			
						CMG013	30.0	54	2.2	46.61	CMG013		B5	
							25.3	64	1.9	55.36			B5	
							22.1	73	1.6	63.22			B5	
							18.6	87	1.4	75.08			B5	
							15.7	103	1.2	89.17			B5	
							12.4	130	0.9	113.05			B5	



Таблицы выбора

Technical data

P ₁ [кВт]	n ₂ [об/мин]	M ₂ [Нм]	sf	i		
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P ₁ [кВт]	n ₂ [об/мин]	M ₂ [Нм]	sf	i		
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0.18

63B4 (1400 об/мин)	18.4	88	2.3	76.02	CMG023	B5
	15.5	104	1.9	90.29		B5
	12.2	132	1.5	114.46		B5
	10.3	157	1.3	135.95		B5
	8.0	203	1.0	175.89		B5
	6.8	236	0.9	204.69		B5
	12.1	134	2.2	115.74	CMG033	B5
	9.9	163	1.8	140.81		B5
	8.0	201	1.5	174.26		B5
	6.2	260	1.2	225.47		B5
	5.3	302	1.0	262.05		B5
	8.0	201	2.5	174.26	CMG043	B5
	6.2	260	1.9	225.47		B5
	5.3	302	1.7	262.05		B5
	4.3	376	1.3	325.79		B5
	3.7	437	1.1	378.64		B5

0.25

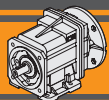
71A4 (1400 об/мин)	30.0	75	1.6	46.61	CMG013	B5/B14
	25.3	89	1.4	55.36		B5/B14
	22.1	101	1.2	63.22		B5/B14
	18.6	120	1.0	75.08		B5/B14
	15.7	143	0.8	89.17		B5/B14
	30.1	76	2.6	46.46	CMG022	B5/B14
	28.2	81	2.5	49.61		B5/B14
	25.9	88	2.3	54.00		B5/B14
	29.7	76	2.6	47.19	CMG023	B5/B14
	25.0	90	2.2	56.05		B5/B14
	21.9	103	1.9	64.01		B5/B14
	18.4	122	1.6	76.02		B5/B14
	15.5	145	1.4	90.29		B5/B14
	12.2	183	1.1	114.46		B5/B14
	10.3	218	0.9	135.95		B5/B14
	19.2	117	2.6	72.83		B5/B14
	14.4	156	1.9	97.45		B5/B14
	12.1	186	1.6	115.74		B5/B14
	9.9	226	1.3	140.81		B5/B14
	8.0	279	1.1	174.26		B5/B14
	6.2	361	0.8	225.47		B5/B14
	9.9	226	2.2	140.81	CMG043	B5/B14
	8.0	279	1.8	174.26		B5/B14
	6.2	361	1.4	225.47		B5/B14
	5.3	420	1.2	262.05		B5/B14
	4.3	522	1.0	325.79		B5/B14
	3.7	607	0.8	378.64		B5/B14
	6.5	347	2.6	216.19		B5/B14
	5.6	399	2.3	248.99		B5/B14
	4.8	464	1.9	289.15		B5/B14

0.25

71A4 (1400 об/мин)	279	8	4.9	5.03	CMG002	B5/B14
	230	10	4.0	6.10		B5/B14
	187	12	3.3	7.49		B5/B14
	156	15	3.4	8.99		B5/B14
	138	17	3.0	10.16		B5/B14
	116	20	2.5	12.07		B5/B14
	105	22	3.2	13.40		B5/B14
	92.5	25	2.8	15.14		B5/B14
	77.1	30	2.4	18.17		B5/B14
	64.9	35	2.0	21.58		B5/B14
	59.6	38	1.8	23.51		B5/B14
	55.8	41	1.7	25.10		B5/B14
	51.7	44	1.6	27.08		B5/B14
	43.1	53	1.3	32.49		B5/B14
	33.3	69	1.0	42.04		B5/B14
	31.2	73	1.0	44.89		B5/B14
	28.7	80	0.9	48.86		B5/B14
	367	6	9.6	3.82	CMG012	B5/B14
	302	8	7.9	4.63		B5/B14
	246	9	6.4	5.69		B5/B14
	181	13	6.3	7.72		B5/B14
	153	15	5.3	9.17		B5/B14
	143	16	5.0	9.81		B5/B14
	122	19	5.3	11.50		B5/B14
	118	20	5.1	11.90		B5/B14
	101	23	5.3	13.80		B5/B14
	95.7	24	5.0	14.62		B5/B14
	78.4	29	4.1	17.86		B5/B14
	73.4	31	3.8	19.07		B5/B14
	70.6	32	3.7	19.83		B5/B14
	59.4	39	3.1	23.56		B5/B14
	47.4	48	2.5	29.56		B5/B14
	39.5	58	2.1	35.47		B5/B14
	30.5	75	1.6	45.89		B5/B14
	28.6	80	1.5	49.00		B5/B14
	26.3	87	1.4	53.33		B5/B14

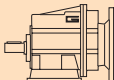
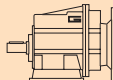
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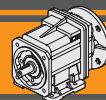
71B4 (1400 об/мин)	279	12	3.3	5.03	CMG002	B5/B14
	230	15	2.7	6.10		B5/B14
	187	18	2.2	7.49		B5/B14
	156	22	2.3	8.99		B5/B14
	138	25	2.0	10.16		B5/B14
	116	29	1.7	12.07		B5/B14
	105	32	2.2	13.40		B5/B14
	92.5	37	1.9	15.14		B5/B14
	77.1	44	1.6	18.17		B5/B14
	64.9	52	1.3	21.58		B5/B14
	59.6	57	1.2	23.51		B5/B14
	55.8	61	1.2	25.10		B5/B14
	51.7	66	1.1	27.08		B5/B14
	43.1	79	0.9	32.49		B5/B14

**CMG****ЦИЛИНДРИЧЕСКИЕ РЕДУКТОРЫ**
HELICAL GEARBOXES

Таблицы выбора

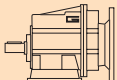
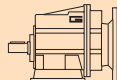
Technical data

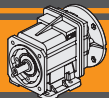
P ₁ [кВт]	n ₂ [об/мин]	M ₂ [Нм]	sf	i			P ₁ [кВт]	n ₂ [об/мин]	M ₂ [Нм]	sf	i		
0.37							0.55						
71B4 (1400 об/мин)	367	9	6.5	3.82	CMG012	B5/B14	80A4 (1400 об/мин)	279	18	2.2	5.03	CMG002	B5/B14
	302	11	5.3	4.63		B5/B14		230	22	1.8	6.10		B5/B14
	246	14	4.4	5.69		B5/B14		187	27	1.5	7.49		B5/B14
	181	19	4.3	7.72		B5/B14		156	32	1.5	8.99		B5/B14
	153	22	3.6	9.17		B5/B14		138	37	1.4	10.16		B5/B14
	143	24	3.4	9.81		B5/B14		116	43	1.2	12.07		B5/B14
	122	28	3.6	11.50		B5/B14		105	48	1.5	13.40		B5/B14
	118	29	3.5	11.90		B5/B14		92.5	55	1.3	15.14		B5/B14
	101	33	3.6	13.80		B5/B14		77.1	65	1.1	18.17		B5/B14
	95.7	35	3.4	14.62		B5/B14		64.9	78	0.9	21.58		B5/B14
	78.4	43	2.8	17.86		B5/B14		59.6	85	0.8	23.51		B5/B14
	73.4	46	2.6	19.07		B5/B14		CMG012	367	14	4.4	3.82	B5/B14
	70.6	48	2.5	19.83		B5/B14			302	17	3.6	4.63	B5/B14
	59.4	57	2.1	23.56		B5/B14			246	21	2.9	5.69	B5/B14
	47.4	72	1.7	29.56		B5/B14			181	28	2.9	7.72	B5/B14
	39.5	86	1.4	35.47		B5/B14			153	33	2.4	9.17	B5/B14
	30.5	111	1.1	45.89		B5/B14			143	35	2.3	9.81	B5/B14
	28.6	119	1.0	49.00		B5/B14			122	41	2.4	11.50	B5/B14
	26.3	129	0.9	53.33		B5/B14			118	43	2.3	11.90	B5/B14
	30.0	111	1.1	46.61	CMG013	B5/B14			101	50	2.4	13.80	B5/B14
	25.3	131	0.9	55.36		B5/B14			95.7	53	2.3	14.62	B5/B14
	22.1	150	0.8	63.22		B5/B14			78.4	64	1.9	17.86	B5/B14
	46.8	73	2.8	29.93	CMG022	B5/B14		73.4	69	1.7	19.07	B5/B14	
	39.0	87	2.3	35.91		B5/B14		70.6	71	1.7	19.83	B5/B14	
	30.1	113	1.8	46.46		B5/B14		59.4	85	1.4	23.56	B5/B14	
	28.2	120	1.7	49.61		B5/B14		47.4	106	1.1	29.56	B5/B14	
	25.9	131	1.5	54.00		B5/B14		39.5	128	0.9	35.47	B5/B14	
	29.7	112	1.8	47.19	CMG023	B5/B14		81.9	62	2.6	17.10	CMG022	B5/B14
	25.0	133	1.5	56.05		B5/B14		76.7	66	2.4	18.26		B5/B14
	21.9	152	1.3	64.01		B5/B14		69.7	72	2.8	20.08		B5/B14
	18.4	180	1.1	76.02		B5/B14		58.7	86	2.3	23.85		B5/B14
	15.5	214	0.9	90.29		B5/B14		46.8	108	1.9	29.93		B5/B14
	31.7	107	2.8	44.18	CMG032	B5		39.0	129	1.5	35.91	B5/B14	
	27.3	124	2.4	51.30		B5		30.1	167	1.2	46.46	B5/B14	
	22.8	145	2.1	61.32		28.2		179	1.1	49.61	B5/B14		
	19.2	173	1.7	72.83	CMG033	B5/B14		25.9	194	1.0	54.00	B5/B14	
	14.4	231	1.3	97.45		B5/B14		29.7	166	1.2	47.19	CMG023	B5/B14
	12.1	275	1.1	115.74		B5/B14		25.0	198	1.0	56.05		B5/B14
	9.9	334	0.9	140.81		B5/B14		21.9	226	0.9	64.01		B5/B14
	14.4	231	2.2	97.45		CMG043		B5/B14	45.8	110	2.7	30.57	CMG032
	12.1	275	1.8	115.74	B5/B14			31.7	159	1.9	44.18	B5/B14	
	9.9	334	1.5	140.81	B5/B14			27.3	185	1.6	51.30	B5/B14	
	8.0	413	1.2	174.26	B5/B14			31.0	159	1.9	45.21	CMG033	B5/B14
	6.2	535	0.9	225.47	B5/B14			22.8	216	1.4	61.32		B5/B14
10.9	306	2.9	128.84	CMG053	B5/B14	19.2	257	1.2	72.83	B5/B14			
8.1	409	2.2	172.32		B5/B14	14.4	344	0.9	97.45	B5/B14			
7.5	442	2.0	186.17		B5/B14	22.8	216	2.3	61.32	CMG043	B5/B14		
6.5	513	1.8	216.19		B5/B14	19.2	257	1.9	72.83		B5/B14		
5.6	591	1.5	248.99		B5/B14	14.4	344	1.5	97.45		B5/B14		
4.8	686	1.3	289.15		B5/B14	12.1	408	1.2	115.74		B5/B14		
					B5/B14	9.9	497	1.0	140.81		B5/B14		
				B5/B14	8.0	615	0.8	174.26	B5/B14				

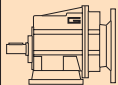
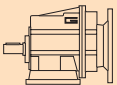


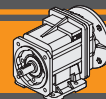
Таблицы выбора

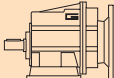
Technical data

P ₁ [кВт]	n ₂ [об/мин]	M ₂ [Нм]	sf	i			P ₁ [кВт]	n ₂ [об/мин]	M ₂ [Нм]	sf	i			
0.55							0.75							
80A4 (1400 об/мин)	12.9	382	2.4	108.43	CMG053	B5/B14	80B4 (1400 об/мин)	31.0	217	2.3	45.21	CMG043	B5/B14	
	10.9	454	2.0	128.84		B5/B14		22.8	295	1.7	61.32		B5/B14	
	8.1	608	1.5	172.32		B5/B14		19.2	350	1.4	72.83		B5/B14	
	7.5	657	1.4	186.17		B5/B14		14.4	469	1.1	97.45		B5/B14	
	6.5	762	1.2	216.19		B5/B14		12.1	557	0.9	115.74		B5/B14	
	5.6	878	1.0	248.99		B5/B14		CMG053	21.7	310	2.9	64.48	B5/B14	
	4.8	1020	0.9	289.15		B5/B14			18.7	361	2.5	74.96	B5/B14	
0.75							1.1							
80B4 (1400 об/мин)	279	25	1.6	5.03	CMG002	B5/B14	90S4 (1400 об/мин)	367	28	2.2	3.82	CMG012	B5/B14	
	230	30	1.3	6.10		B5/B14		302	33	1.8	4.63		B5/B14	
	187	37	1.1	7.49		B5/B14		246	41	1.5	5.69		B5/B14	
	156	44	1.1	8.99		B5/B14		181	56	1.4	7.72		B5/B14	
	138	50	1.0	10.16		B5/B14		153	66	1.2	9.17		B5/B14	
	116	59	0.8	12.07		B5/B14		143	71	1.1	9.81		B5/B14	
	105	66	1.1	13.40		B5/B14		118	86	1.2	11.90		B5/B14	
	92.5	74	0.9	15.14		B5/B14		101	99	1.2	13.80		B5/B14	
	77.1	89	0.8	18.17		B5/B14		95.7	105	1.1	14.62		B5/B14	
								70.6	143	0.8	19.83		B5/B14	
	367	19	3.2	3.82	CMG012	B5/B14		257	39	2.5	5.45	CMG022	B5/B14	
	302	23	2.6	4.63		B5/B14		189	53	2.3	7.39		B5/B14	
	246	28	2.1	5.69		B5/B14		160	63	1.9	8.78		B5/B14	
	181	38	2.1	7.72		B5/B14		141	72	1.7	9.93		B5/B14	
	153	45	1.8	9.17		B5/B14		116	87	2.3	12.05		B5/B14	
	143	48	1.7	9.81		B5/B14		106	95	2.1	13.21		B5/B14	
	122	56	1.8	11.50		B5/B14		94.6	107	1.9	14.81		B5/B14	
	118	58	1.7	11.90		B5/B14		69.7	145	1.4	20.08		B5/B14	
	101	68	1.8	13.80		B5/B14		58.7	172	1.2	23.85		B5/B14	
	95.7	72	1.7	14.62		B5/B14		39.0	259	0.8	35.91		B5/B14	
	78.4	88	1.4	17.86	CMG022	B5/B14		76.9	131	2.1	18.21	CMG032	B5/B14	
	73.4	94	1.3	19.07		B5/B14		72.8	139	2.0	19.24		B5/B14	
	70.6	97	1.2	19.83		B5/B14		66.2	152	1.8	21.15		B5/B14	
	59.4	116	1.0	23.56		B5/B14		45.8	220	1.4	30.57		B5/B14	
						B5/B14		31.7	318	0.9	44.18		B5/B14	
	94.6	73	2.8	14.81		CMG022		B5/B14					CMG033	B5/B14
	81.9	84	1.9	17.10				B5/B14	31.0	319	0.9	45.21		B5/B14
	76.7	90	1.8	18.26				B5/B14	45.8	220	2.3	30.57	CMG042	B5/B14
	69.7	99	2.0	20.08				B5/B14	31.7	318	1.6	44.18		B5/B14
	58.7	117	1.7	23.85				B5/B14	27.3	370	1.4	51.30		B5/B14
	46.8	147	1.4	29.93	CMG032	B5/B14		31.0	319	1.6	45.21	CMG043	B5/B14	
	39.0	176	1.1	35.91		B5/B14		22.8	433	1.2	61.32		B5/B14	
	30.1	228	0.9	46.46		B5/B14		19.2	514	1.0	72.83		B5/B14	
	28.2	244	0.8	49.61		B5/B14		43.6	231	3.9	32.13	CMG052	B5/B14	
	25.9	265	0.8	54.00		B5/B14		30.2	334	2.7	46.31		B5/B14	
							</							

**CMG****ЦИЛИНДРИЧЕСКИЕ РЕДУКТОРЫ**
HELICAL GEARBOXES**Таблицы выбора****Technical data**

P ₁ [кВт]	n ₂ [об/мин]	M ₂ [Нм]	sf	i			P ₁ [кВт]	n ₂ [об/мин]	M ₂ [Нм]	sf	i			
1.1							1.85							
90S4 (1400 об/мин)	25.0	395	2.3	56.05	CMG053	B5/B14	90LB4 (1400 об/мин)	367	46	1.3	3.82	CMG012	B5/B14	
	21.7	455	2.0	64.48		B5/B14		302	56	1.1	4.63		B5/B14	
	18.7	529	1.7	74.96		B5/B14								
	17.3	572	1.6	81.07		B5/B14		383	44	2.3	3.66	CMG022	B5/B14	
	16.2	608	1.5	86.24		B5/B14		316	54	1.9	4.43		B5/B14	
	12.9	765	1.2	108.43		B5/B14		257	66	1.5	5.45		B5/B14	
	10.9	909	1.0	128.84		B5/B14		189	90	1.3	7.39		B5/B14	
					160	106	1.1	8.78	B5/B14					
1.5							1.85							
90L4 (1400 об/мин)	367	38	1.6	3.82	CMG012	B5/B14	90LB4 (1400 об/мин)	116	146	1.4	12.05	CMG032	B5/B14	
	302	45	1.3	4.63		B5/B14		106	160	1.2	13.21		B5/B14	
	246	56	1.1	5.69		B5/B14		94.6	179	1.1	14.81		B5/B14	
	181	76	1.1	7.72		B5/B14								
	153	90	0.9	9.17		B5/B14		177	96	1.9	7.93		B5/B14	
	383	36	2.8	3.66	CMG022	B5/B14		154	110	1.6	9.08		B5/B14	
	316	44	2.3	4.43		B5/B14		128	132	1.4	10.93		B5/B14	
	257	54	1.9	5.45		B5/B14		111	153	1.6	12.60		B5/B14	
	189	73	1.7	7.39		B5/B14		105	161	1.6	13.30		B5/B14	
	160	86	1.4	8.78		B5/B14		91.5	185	1.5	15.30		B5/B14	
	141	98	1.2	9.93		B5/B14		76.9	221	1.3	18.21		B5/B14	
	116	118	1.7	12.05		B5/B14		72.8	233	1.2	19.24	B5/B14		
	106	130	1.5	13.21		B5/B14		66.2	256	1.1	21.15	B5/B14		
	94.6	145	1.4	14.81		B5/B14		45.8	370	0.8	30.57	B5/B14		
	69.7	197	1.0	20.08		B5/B14		91.5	185	2.3	15.3	CMG042	B5/B14	
	58.7	234	0.9	23.85		B5/B14		76.9	221	1.9	18.21		B5/B14	
						72.8		233	1.8	19.24	B5/B14			
	154	89	2.0	9.08	CMG032	B5/B14		45.8	370	1.3	30.57		B5/B14	
	128	107	1.7	10.93		B5/B14		31.7	535	0.9	44.18		B5/B14	
	111	124	2.0	12.60		B5/B14		27.3	621	0.8	51.30	B5/B14		
	105	131	1.9	13.30		B5/B14								
	91.5	150	1.9	15.30		B5/B14		31.0	536	0.9	45.21	CMG043	B5/B14	
	76.9	179	1.6	18.21		B5/B14		43.6	389	2.3	32.13	CMG052	B5/B14	
	72.8	189	1.5	19.24		B5/B14		30.2	561	1.6	46.31		B5/B14	
	66.2	208	1.3	21.15		B5/B14								
	45.8	300	1.0	30.57		B5/B14		25.0	665	1.4	56.05	CMG053	B5/B14	
	76.9	179	2.3	18.21	CMG042	B5/B14		21.7	765	1.2	64.48		B5/B14	
	72.8	189	2.2	19.24		B5/B14		18.7	889	1.0	74.96		B5/B14	
	45.8	300	1.7	30.57		B5/B14		17.3	962	0.9	81.07		B5/B14	
	31.7	434	1.2	44.18		B5/B14		16.2	1023	0.9	86.24		B5/B14	
	27.3	504	1.0	51.30		B5/B14								
	31.0	435	1.1	45.21	CMG043	B5/B14		2.2						
	22.8	590	0.9	61.32		B5/B14		100LA4 (1400 об/мин)	374	54	2.8	3.74	CMG032	B5/B14
						311		65	2.3	4.50	B5/B14			
						255		79	1.9	5.48	B5/B14			
	43.6	316	2.9	32.13	CMG052	B5/B14		222	91	2.0	6.31	B5/B14		
	30.2	455	2.0	46.31		B5/B14		177	114	1.6	7.93	B5/B14		
						154		131	1.4	9.08	B5/B14			
	25.0	539	1.7	56.05	CMG053	B5/B14		128	157	1.1	10.93	B5/B14		
	21.7	620	1.5	64.48		B5/B14		111	182	1.4	12.60	B5/B14		
18.7	721	1.2	74.96	B5/B14		105	192	1.3	13.30	B5/B14				
17.3	780	1.2	81.07	B5/B14		91.5	220	1.3	15.30	B5/B14				
16.2	829	1.1	86.24	B5/B14		76.9	262	1.1	18.21	B5/B14				
12.9	1043	0.9	108.43	B5/B14		72.8	277	1.0	19.24	B5/B14				
						66.2	305	0.9	21.15	B5/B14				



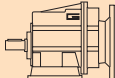
P ₁ [кВт]	n ₂ [об/мин]	M ₂ [Нм]	sf	i		
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2.2

100LA4 (1400 об/мин)	128	157	1.8	10.93	CMG042	B5/B14
	111	182	1.9	12.6		B5/B14
	105	192	1.8	13.30		B5/B14
	91.5	220	1.9	15.30		B5/B14
	76.9	262	1.6	18.21		B5/B14
	72.8	277	1.5	19.24		B5/B14
	45.8	440	1.1	30.57		B5/B14
	58.3	346	2.6	24.02	CMG052	B5/B14
	43.6	463	1.9	32.13		B5/B14
	30.2	667	1.3	46.31		B5/B14
	25.0	791	1.1	56.05	CMG053	B5/B14
	21.7	910	1.0	64.48		B5/B14
	18.7	1057	0.9	74.96		B5/B14

3.0

100LB4 (1400 об/мин)	374	74	2.0	3.74	CMG032	B5/B14
	311	88	1.7	4.50		B5/B14
	255	108	1.4	5.48		B5/B14
	222	124	1.5	6.31		B5/B14
	177	156	1.2	7.93		B5/B14
	154	178	1.0	9.08		B5/B14
	128	215	0.8	10.93		B5/B14
	111	248	1.0	12.60		B5/B14
	105	261	1.0	13.30		B5/B14
	91.5	301	0.9	15.30		B5/B14
	374	74	3.1	3.74	CMG042	B5/B14
	311	88	2.6	4.50		B5/B14
	255	108	2.1	5.48		B5/B14
	222	124	2.1	6.31		B5/B14
	177	156	1.7	7.93		B5/B14
	154	178	1.6	9.08		B5/B14
	128	215	1.3	10.93		B5/B14
	111	248	1.4	12.60		B5/B14
	105	261	1.3	13.30		B5/B14
	91.5	301	1.4	15.30		B5/B14
	76.9	358	1.2	18.21	CMG052	B5/B14
	72.8	378	1.1	19.24		B5/B14
	45.8	601	0.8	30.57		B5/B14
	106	260	2.4	13.25		B5/B14
	99.2	277	2.7	14.11		B5/B14
	86.4	318	2.4	16.20		B5/B14
	68.9	399	1.9	20.31		B5/B14
	58.3	472	1.9	24.02		B5/B14
	43.6	631	1.4	32.13		B5/B14
	30.2	910	1.0	46.31		B5/B14
	25.0	1078	0.8	56.05	CMG053	B5/B14
	25.0	1078	0.8	56.05		B5/B14

P ₁ [кВт]	n ₂ [об/мин]	M ₂ [Нм]	sf	i		
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4.0

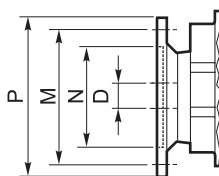
112M4 (1400 об/мин)	374	98	1.5	3.74	CMG032	B5/B14
	311	118	1.3	4.50		B5/B14
	255	144	1.0	5.48		B5/B14
	222	165	1.1	6.31		B5/B14
	177	208	0.9	7.93		B5/B14
	374	98	2.3	3.74	CMG042	B5/B14
	311	118	1.9	4.50		B5/B14
	255	144	1.6	5.48		B5/B14
	222	165	1.6	6.31		B5/B14
	177	208	1.3	7.93		B5/B14
	154	238	1.2	9.08		B5/B14
	128	286	1.0	10.93		B5/B14
	111	330	1.1	12.60		B5/B14
	105	348	1.0	13.30		B5/B14
	91.5	401	1.0	15.30		B5/B14
	76.9	477	0.9	18.21	CMG052	B5/B14
	72.8	504	0.8	19.24		B5/B14
	210	175	2.7	6.68		B5/B14
	167	219	2.1	8.37		B5/B14
	153	240	2.1	9.16		B5/B14
	141	259	2.0	9.90		B5/B14
	120	305	2.1	11.64		B5/B14
	106	347	1.8	13.25		B5/B14
	99.2	370	2.0	14.11		B5/B14
	86.4	424	1.8	16.20		B5/B14
	68.9	532	1.4	20.31		B5/B14
	58.3	629	1.4	24.02		B5/B14
	43.6	842	1.1	32.13		B5/B14

5.5

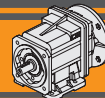
132S4 (1400 об/мин)	371	136	3.0	3.78	CMG052	B5
	292	173	2.4	4.80		B5
	241	210	2.0	5.82		B5
	210	241	2.0	6.68		B5
	167	302	1.6	8.37		B5
	153	330	1.5	9.16		B5
	141	357	1.4	9.90		B5
	120	419	1.5	11.64		B5
	106	477	1.3	13.25		B5
	99.2	508	1.5	14.11		B5
	86.4	583	1.3	16.20		B5
	68.9	731	1.0	20.31		B5
	58.3	865	1.0	24.02		B5

7.5

132MA4 (1400 об/мин)	371	185	2.2	3.78	CMG052	B5
	292	236	1.7	4.80		B5
	241	286	1.4	5.82		B5
	210	328	1.4	6.68		B5
	167	411	1.1	8.37		B5
	153	450	1.1	9.16		B5
	141	486	1.0	9.90		B5
	120	572	1.1	11.64		B5
	106	651	1.0	13.25		B5
	99.2	693	1.1	14.11		B5
	86.4	796	0.9	16.20		B5

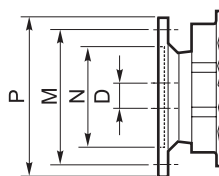


N.B.
 Highlighted areas indicate motor inputs available on each size of unit.
B/BS = Metal shaft sleeve.



Соединительные адаптеры для моторов IEC

IEC Motor adapters



CMG

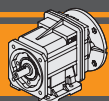
	IEC	N	M	P	D	i (передаточное число / ratio)															
						3.74	4.50	5.48	6.31	7.93	9.08	10.93	12.60	13.30	15.30	18.21	19.24	21.15	30.57	44.18	51.30
CMG032	100/112B5	180	215	250	28																
	100/112B14	110	130	160																	
	90 B5	130	165	200	24																
	90 B14	95	115	140																	
	80 B5	130	165	200	19	B															
	80 B14	80	100	120																	
	71 B5	110	130	160	14	BS															

						3.74	4.50	5.48	6.31	7.93	9.08	10.93	12.60	13.30	15.30	18.21	19.24	30.57	44.18	51.30	
CMG042	100/112B5	180	215	250	28																
	100/112B14	110	130	160																	
	90 B5	130	165	200	24																
	90 B14	95	115	140																	
	80 B5	130	165	200	19	B															
	80 B14	80	100	120																	
	71 B5	110	130	160	14	BS															

						45.21	61.32	72.83	97.45	115.74	140.81	174.26	225.47	262.05	325.79	378.64	
CMG033 CMG043	90 B5	130	165	200	24												
	90 B14	95	115	140													
	80 B5	130	165	200	19												
	80 B14	80	100	120													
	71 B5	110	130	160	14	B											
	71 B14	70	85	105													
	63 B5	95	115	140	11	BS											

						3.78	4.80	5.82	6.68	8.37	9.16	9.90	11.64	13.25	14.11	16.20	20.31	24.02	32.13	46.31	
CMG052	132 B5	230	265	300	38																
	100/112B5	180	215	250	28																
	100/112B14	110	130	160																	
	90 B5	130	165	200	24	B															
	90 B14	95	115	140																	
	80 B5	130	165	200	19	BS															

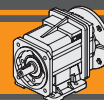
						56.05	64.48	74.96	81.07	86.24	108.43	128.84	172.32	186.17	216.19	248.99	289.15
CMG053	100/112B5	180	215	250	28												
	100/112B14	110	130	160													
	90 B5	130	165	200	24												
	90 B14	95	115	140													
	80 B5	130	165	200	19	B											
	80 B14	80	100	120													
	71 B5	110	130	160	14	BS											

**CMG****ЦИЛИНДРИЧЕСКИЕ РЕДУКТОРЫ**
HELICAL GEARBOXES**Габаритные размеры****Dimensions**

CMG CMGIS	A	B	I	j	LM	LR	Входной вал / Input shaft					Выходной вал / Output shaft					Вес / Weight [кг]	
							D ₁ h6	E ₁	F ₁	G ₁	T ₁	D ₂ h6	E ₂	F ₂	G ₂	T ₂	CMG	CMGIS
002	92	81.5	0	44	143 ¹⁾ 153 ²⁾	140	14	30	5	M6	16	16	40	5	M6	18	—	—
012	124	93	6.5	45	195	187	16	40	5	M6	18	20	40	6	M6	22.5	5.3	5.0
013		112	43		268	260											7.8	7.5
022	124	98	11.5	45	205	197	16	40	5	M6	18	25	50	8	M8	28	6.2	5.9
023		117	48		278	270											8.7	8.4
032	156	118	5	70	237	229.5	19	40	6	M6	21.5	30	60	8	M10	33	11.3	11.2
033			41.5		303	295	16		5		18						13.6	13.3
042	156	128	15	70	250	242.5	19	40	6	M6	21.5	35	70	10	M12	38	13.2	13.1
043			51.5		316	308	16		5		18						15.5	15.2
052	190	157	20	88	307.5	286.5	28	60	8	M10	31	40	80	12	M16	43	—	—
053			68		380	373	19	40	6	M6	21.5						—	—

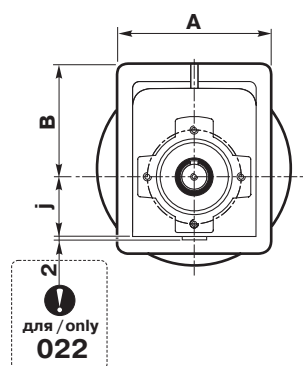
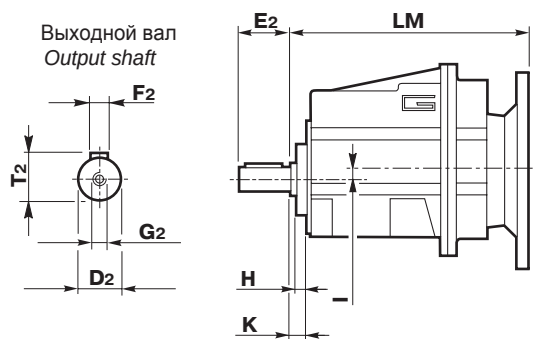
1) IEC 63/71, 2) IEC 80

Версия U / U Version						
CMG CMGIS	H	K	L	M	N f7	O
002	2.5	11	78	64	50	n°5 M6x14
012 013	8.5	13.5	95	76	60	n°4 M8x15
022 023	8.5	13.5	95	76	60	n°4 M8x15
032 033	9	15	127	110	90	n°6 M8x19
042 043	9	15	127	110	90	n°6 M8x19
052 053	10	16	160	135	110	n°6 M10x22

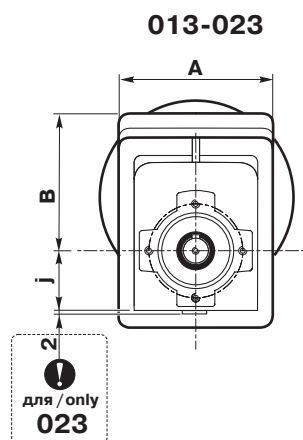
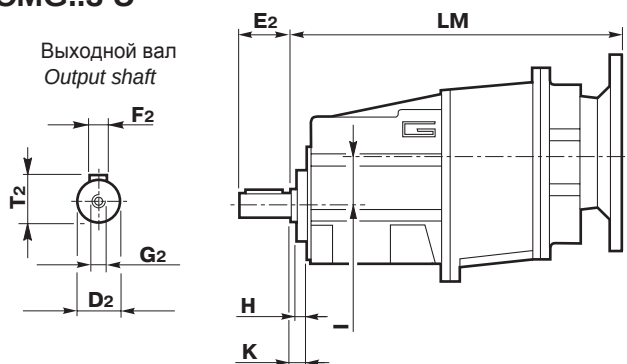


CMG..U

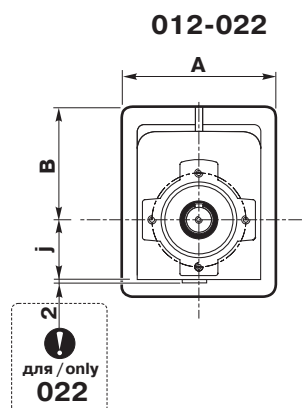
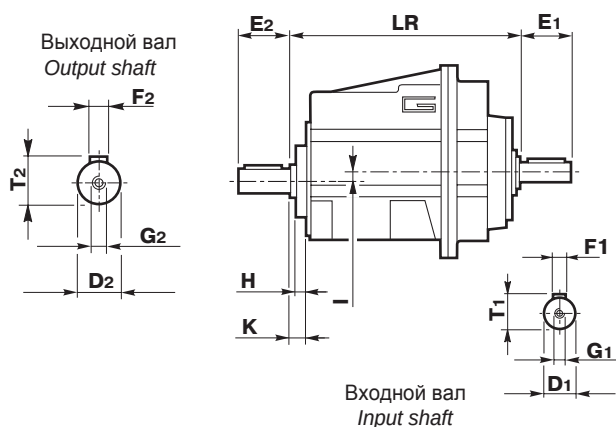
CMG..2 U



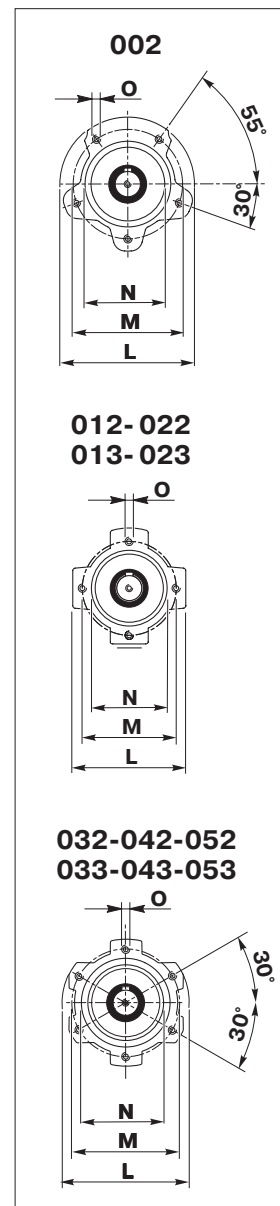
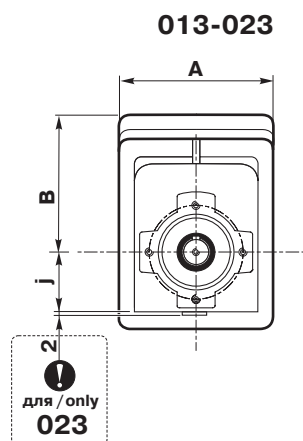
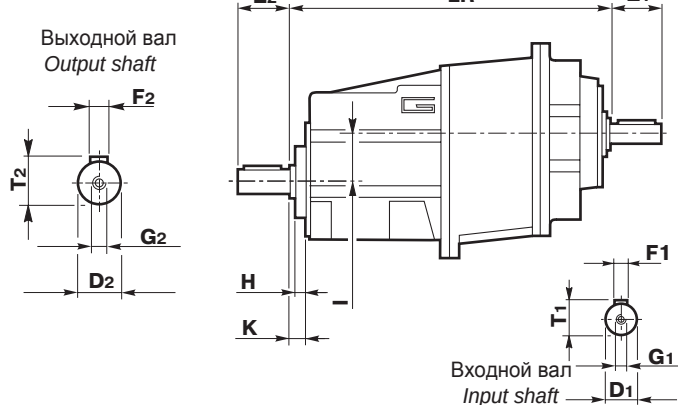
CMG..3 U

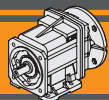


CMGIS..2 U



CMGIS..3 U



**CMG****ЦИЛИНДРИЧЕСКИЕ РЕДУКТОРЫ**
HELICAL GEARBOXES**Габаритные размеры****Dimensions**

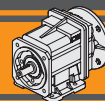
CMG CMGIS	A	B	I	LM	LR	Входной фланец / Input shaft					Выходной фланец / Output shaft					*Вес / Weight [кг]	
						D ₁ h6	E ₁	F ₁	G ₁	T ₁	D ₂ h6	E ₂	F ₂	G ₂	T ₂	CMG	CMGIS
002	92	81.5	0	143 ¹⁾ 153 ²⁾	140	14	30	5	M6	16	16	40	5	M6	18	—	—
012	124	93	6.5	195	187	16	40	5	M6	18	20	40	6	M6	22.5	5.3	5.0
013		112	43	268	260											7.8	7.5
022	124	98	11.5	205	197	16	40	5	M6	18	25	50	8	M8	28	6.2	5.9
023		117	48	278	270											8.7	8.4
032	156	118	5	237	229.5	19	40	6	M6	21.5	30	60	8	M10	33	11.3	11.2
033			41.5	303	295	16		5		18						13.6	13.3
042	156	128	15	250	242.5	19	40	6	M6	21.5	35	70	10	M12	38	13.2	13.1
043			51.5	316	308	16		5		18						15.5	15.2
052	190	157	20	307.5	286.5	28	60	8	M10	31	40	80	12	M16	43	—	—
053			68	380	373	19										—	—

1) IEC 63/71, 2) IEC 80

* Версия U / U Version

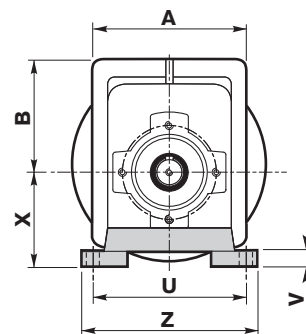
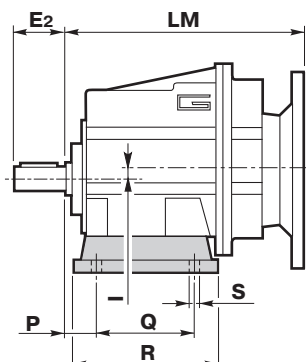
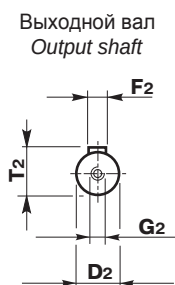
Версия H / H Version										
CMG CMGIS	P	Q	R	S	U	V	X	Z	Лапы / Foot	
									Тип / Type	Вес / Weight [кг]
002	18	60	80	9	100	10	60	120	H60	0.2
	18	80	104	9	110 - 120	10	75	145	H75	0.3
	18	50 - 87	110	9	110	10	85	135	H85	0.4
012 013	20	85	108	9	115	12	65	139	H65	0.7
	18	80	118	9	110	12	75	140	H75	1.0
	25	85	120	9	120	12	80	140	H80	1.1
	18	50 - 87	118	9	110	12	85	130	H85	1.2
	25	130	154	9	110	12	90	135	H90	1.5
	18	50 - 107.5	135	11	130	12	100	155	H100	1.7
022 023	20	85	108	9	115	12	65	139	H65	0.7
	18	80	118	9	110	12	75	140	H75	1.0
	25	85	120	9	120	12	80	140	H80	1.1
	18	50 - 87	118	9	110	12	85	130	H85	1.2
	25	130	154	9	110	12	90	135	H90	1.5
	18	50 - 107.5	135	11	130	12	100	155	H100	1.7
032 033	30	105	136	14	160	14	95	194	H95	1.5
	30	100	150	11	150	14	110	185	H110	1.9
	18	70			160					
	30	165	195	14	135	14	115	170	H115	2.2
	35	110	160	14	170	14	120	210	H120	2.6
042 043	30	105	136	14	160	14	95	194	H95	1.5
	30	100	150	11	150	14	110	185	H110	1.9
	18	70			160					
	30	165	195	14	135	14	115	170	H115	2.2
	35	110	160	14	170	14	120	210	H120	2.6
052 053	35	145	200	18	200	22	120	239	H120	3.5
	35	205	244	18	170	22	140	219	H140	4.3
	25	110 156	199	18	225	22	155	264	H155	5.1

Предпочтительно / Preferred

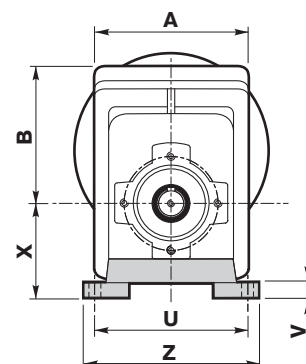
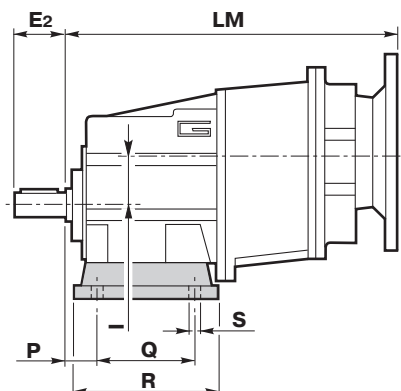
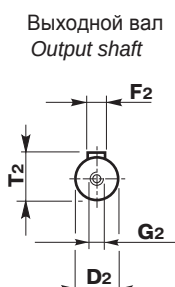


CMG..H

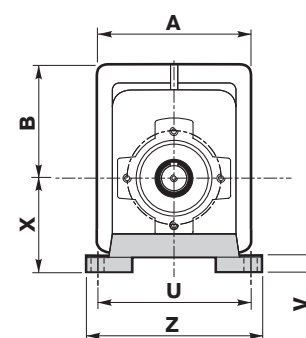
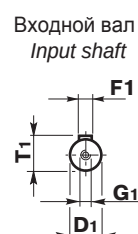
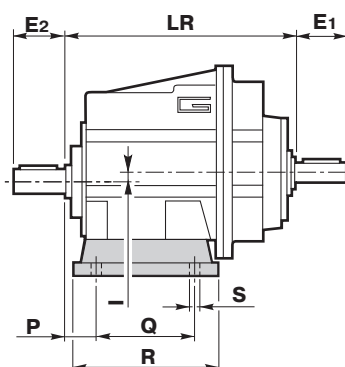
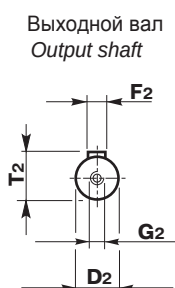
CMG..2 H..



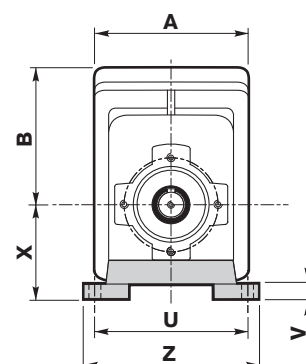
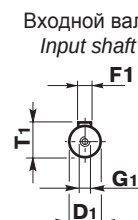
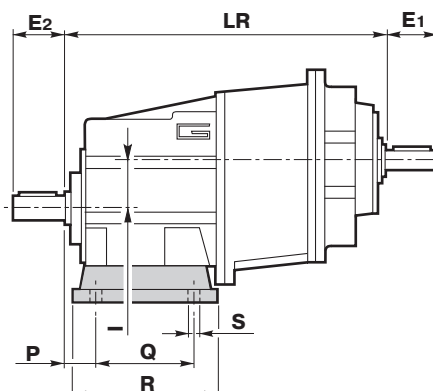
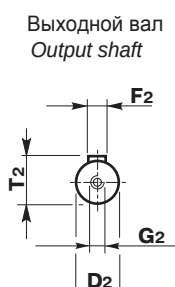
CMG..3 H..

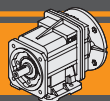


CMGIS..2 H..



CMGIS..3 H..



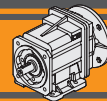

CMG
ЦИЛИНДРИЧЕСКИЕ РЕДУКТОРЫ
HELICAL GEARBOXES
Габаритные размеры
Dimensions

CMG CMGIS	A	B	I	LM	LR	Входной вал / Input shaft					Выходной вал / Output shaft					*Вес / Weight [кг]	
						D ₁ h6	E ₁	F ₁	G ₁	T ₁	D ₂ h6	E ₂	F ₂	G ₂	T ₂	CMG	CMGIS
002	92	81.5	0	143 ¹⁾ 153 ²⁾	140	14	30	5	M6	16	16	40	5	M6	18	—	—
012	124	93	6.5	195	187	16	40	5	M6	18	20	40	6	M6	22.5	5.3	5.0
013		112	43	268	260											7.8	7.5
022	124	98	11.5	205	197	16	40	5	M6	18	25	50	8	M8	28	6.2	5.9
023		117	48	278	270											8.7	8.4
032	156	118	5	237	229.5	19	40	6	M6	21.5	30	60	8	M10	33	11.3	11.2
033			41.5	303	295	16		5		18						13.6	13.3
042	156	128	15	250	242.5	19	40	6	M6	21.5	35	70	10	M12	38	13.2	13.1
043			51.5	316	308	16		5		18						15.5	15.2
052	190	157	20	307.5	286.5	28	60	8	M10	31	40	80	12	M16	43	—	—
053			68	380	373	19		6		21.5						—	—

¹⁾ IEC 63/71, ²⁾ IEC 80

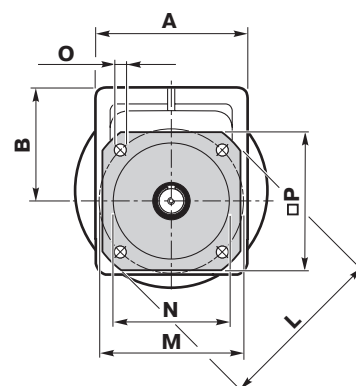
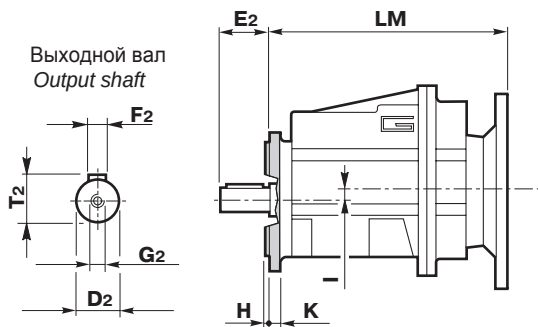
* Версия U / U Version

Версия F / F Version									
CMG CMGIS	H	K	L	M	N f7	O	P	Фланец / Flange	
								Тип / Type	Вес / Weight [кг]
002	3.5	7	105	85	70	6.5	90	F105	0.1
	3.5	8	120	100	80	7	100	F120	0.2
	3.5	8	140	115	95	9	115	F140	0.2
012 013	3	9	120	100	80	9	106	F120	0.5
	3.5	9	140	115	95	9	115	F140	0.8
	3.5	9	160	130	110	9	126	F160	1.1
	3.5	11	200	165	130	11	165	F200	1.8
022 023	3	9	120	100	80	9	106	F120	0.5
	3.5	9	140	115	95	9	115	F140	0.8
	3.5	9	160	130	110	9	126	F160	1.1
	3.5	11	200	165	130	11	165	F200	1.8
032 033	3.5	11	160	130	110	9	140	F160	1.0
	3.5	11	200	165	130	11	165	F200	1.8
	4	13	250	215	180	14	215	F250	2.9
042 043	3.5	11	160	130	110	9	140	F160	1.0
	3.5	11	200	165	130	11	165	F200	1.8
	4	13	250	215	180	14	215	F250	2.9
052 053	4	13	250	215	180	14	215	F250	2.9
	4	13	300	265	230	14	265	F300	4.4

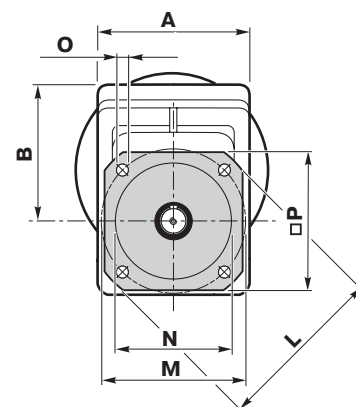
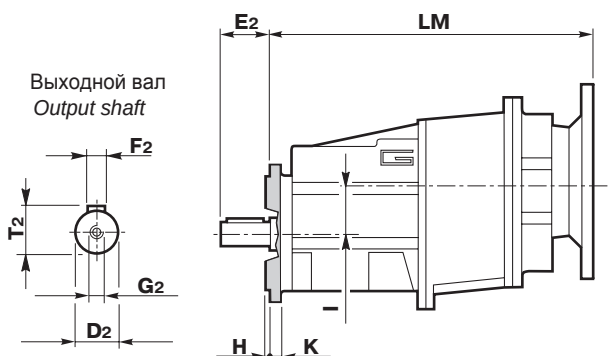


CMG..F

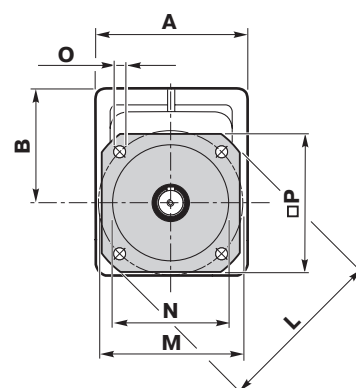
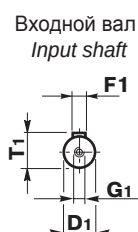
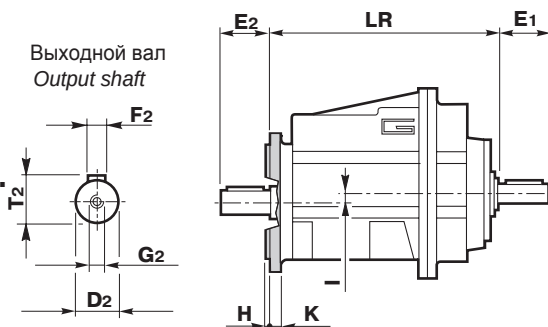
CMG..2 F..



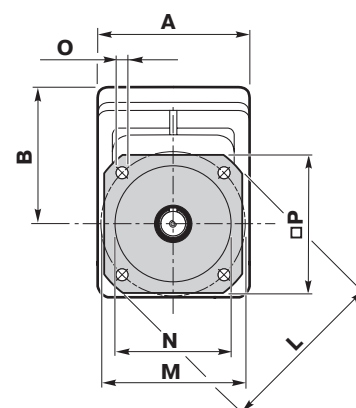
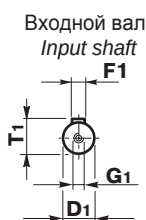
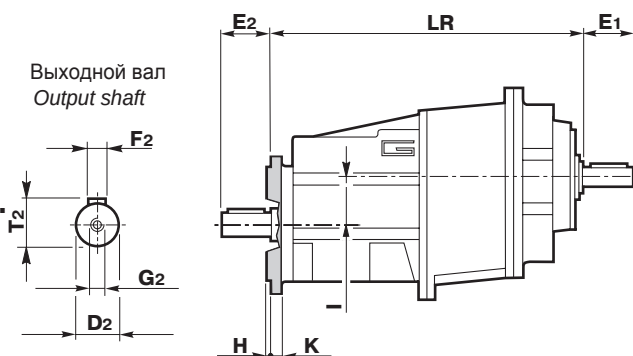
CMG..3 F..

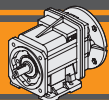


CMGIS..2 F..



CMGIS..3 F..



**CMG****ЦИЛИНДРИЧЕСКИЕ РЕДУКТОРЫ**
HELICAL GEARBOXES**Габаритные размеры****Dimensions**

CMG CMGIS	A	B	I	LM	LR	Входной вал / Input shaft					Выходной вал / Output shaft					*Вес / Weight [кг]	
						D ₁ h6	E ₁	F ₁	G ₁	T ₁	D ₂ h6	E ₂	F ₂	G ₂	T ₂	CMG	CMGIS
002	92	81.5	0	143 ¹⁾ 153 ²⁾	140	14	30	5	M6	16	16	40	5	M6	18	—	—
012	124	93	6.5	195	187	16	40	5	M6	18	20	40	6	M6	22.5	5.3	5.0
013		112	43	268	260											7.8	7.5
022	124	98	11.5	205	197	16	40	5	M6	18	25	50	8	M8	28	6.2	5.9
023		117	48	278	270											8.7	8.4
032	156	118	5	237	229.5	19	40	6	M6	21.5	30	60	8	M10	33	11.3	11.2
033			41.5	303	295	16		5		18						13.6	13.3
042	156	128	15	250	242.5	19	40	6	M6	21.5	35	70	10	M12	38	13.2	13.1
043			51.5	316	308	16		5		18						15.5	15.2
052	190	157	20	307.5	286.5	28	60	8	M10	31	40	80	12	M16	43	—	—
053			68	380	373	19										—	—

1) IEC 63/71, 2) IEC 80

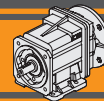
* Версия U / U Version

Версия H / H Version											Возможные комбинации H/F Possible assembling H/F						
CMG CMGIS	P	Q	R	S	U	V	X	Z	Лапы / Foot		F105	F120	F140	F160	F200	F250	F300
									Тип Type	Вес / Weight [кг]							
002	18	60	80	9	100	10	60	120	H60	0.2	•	•	•				
	18	80	104	9	110 - 120	10	75	145	H75	0.3	•	•	•				
	18	50 - 87	110	9	110	10	85	135	H85	0.4	•	•	•				
012 013	20	85	108	9	115	12	65	139	H65	0.7		•	•				
	18	80	118	9	110	12	75	140	H75	1.0		•	•	•			
	25	85	120	9	120	12	80	140	H80	1.1		•	•	•			
	18	50 - 87	118	9	110	12	85	130	H85	1.2		•	•	•			
	25	130	154	9	110	12	90	135	H90	1.5		•	•	•	•		
	18	50 - 107.5	135	11	130	12	100	155	H100	1.7		•	•	•	•		
022 023	20	85	108	9	115	12	65	139	H65	0.7		•	•				
	18	80	118	9	110	12	75	140	H75	1.0		•	•	•			
	25	85	120	9	120	12	80	140	H80	1.1		•	•	•			
	18	50 - 87	118	9	110	12	85	130	H85	1.2		•	•	•			
	25	130	154	9	110	12	90	135	H90	1.5		•	•	•	•		
	18	50 - 107.5	135	11	130	12	100	155	H100	1.7		•	•	•	•		
032 033	30	105	136	14	160	14	95	194	H95	1.5				•	•		
	30	100	150	11	150	14	110	185	H110	1.9				•	•		
	18	70			160												
	30	165	195	14	135	14	115	170	H115	2.2				•	•	•	
	35	110	160	14	170	14	120	210	H120	2.6				•	•	•	
042 043	30	105	136	14	160	14	95	194	H95	1.5				•	•		
	30	100	150	11	150	14	110	185	H110	1.9				•	•		
	18	70			160												
	30	165	195	14	135	14	115	170	H115	2.2				•	•	•	
	35	110	160	14	170	14	120	210	H120	2.6				•	•	•	
052 053	35	145	199	18	200	22	120	239	H120	3.5						•	
	35	205	244	18	170	22	140	219	H140	4.3						•	•
	25	110 156	199	18	225	22	155	264	H155	5.1							•

Предпочтительно / Preferred

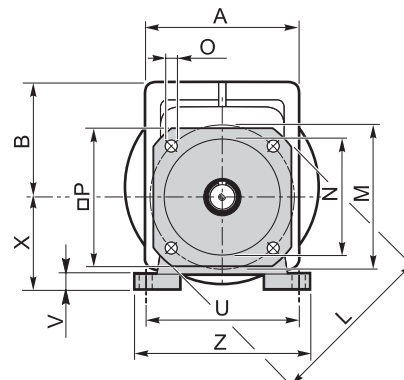
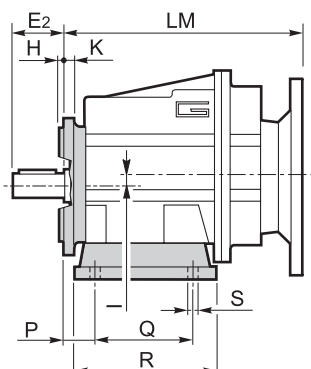
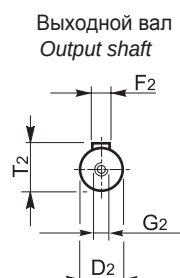
• Возможные комбинации H/F / Possible assembling H/F

Версия F / F Version										Фланец / Flange	
CMG CMGIS	H	K	L	M	N f7	O	P			Тип / Type	Вес / Weight [кг]
002	3.5	7	105	85	70	6.5	90			F105	0.1
	3.5	8	120	100	80	7	100			F120	0.2
	3.5	8	140	115	95	9	115			F140	0.2
012 013	3	9	120	100	80	9	106			F120	0.5
	3.5	9	140	115	95	9	115			F140	0.8
	3.5	9	160	130	110	9	126			F160	1.1
	3.5	11	200	165	130	11	165			F200	1.8
022 023	3	9	120	100	80	9	106			F120	0.5
	3.5	9	140	115	95	9	115			F140	0.8
	3.5	9	160	130	110	9	126			F160	1.1
	3.5	11	200	165	130	11	165			F200	1.8
032 033	3.5	11	160	130	110	9	140			F160	1.0
	3.5	11	200	165	130	11	165			F200	1.8
	4	13	250	215	150	14	215			F250	2.9
	3.5	11	160	130	110	9	140			F160	1.0
042 043	3.5	11	200	165	130	11	165			F200	1.8
	4	13	250	215	150	14	215			F250	2.9
	4	13	250	215	150	14	215			F250	2.9
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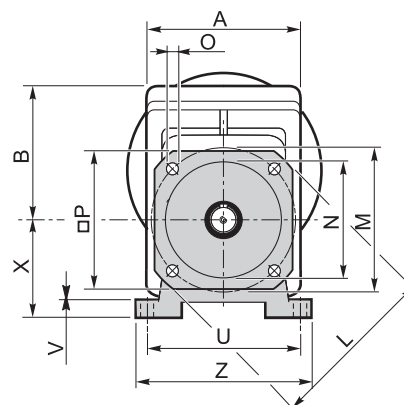
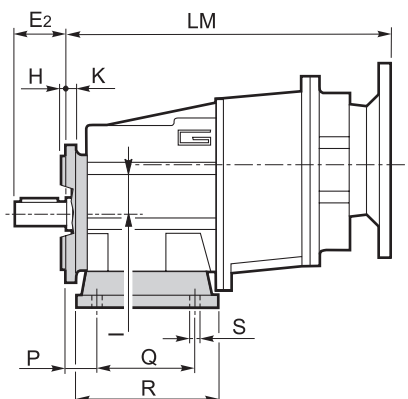
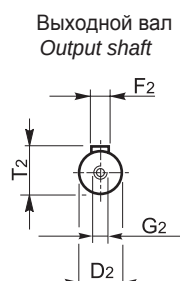


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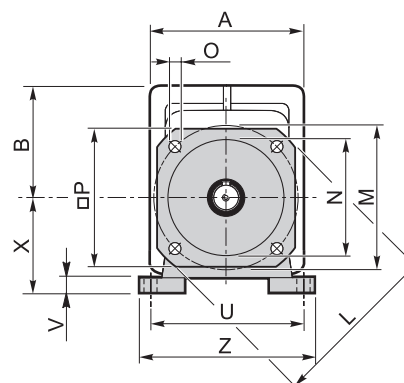
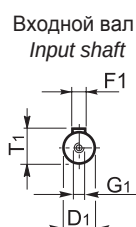
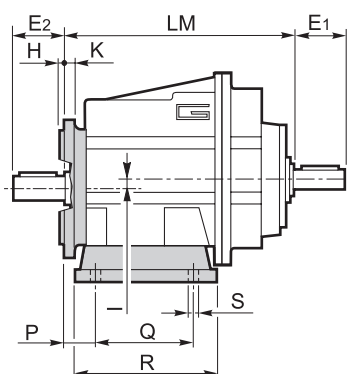
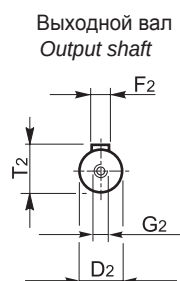
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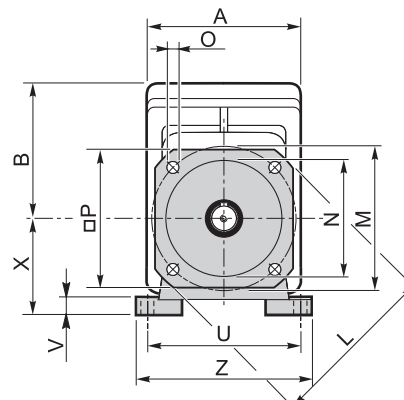
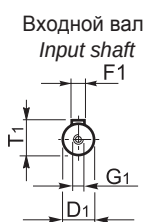
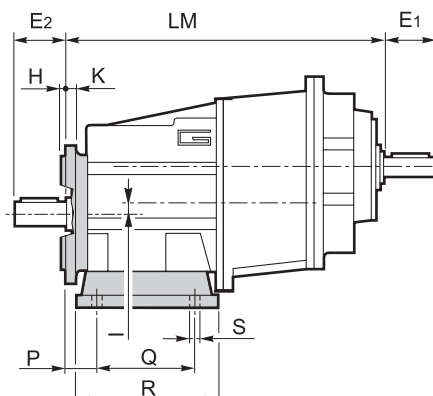
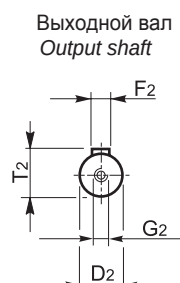
CMG..3 H../F..



CMGIS..2 H../F..



CMGIS..3 H../F..





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