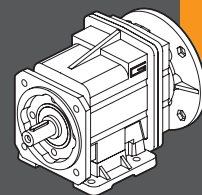


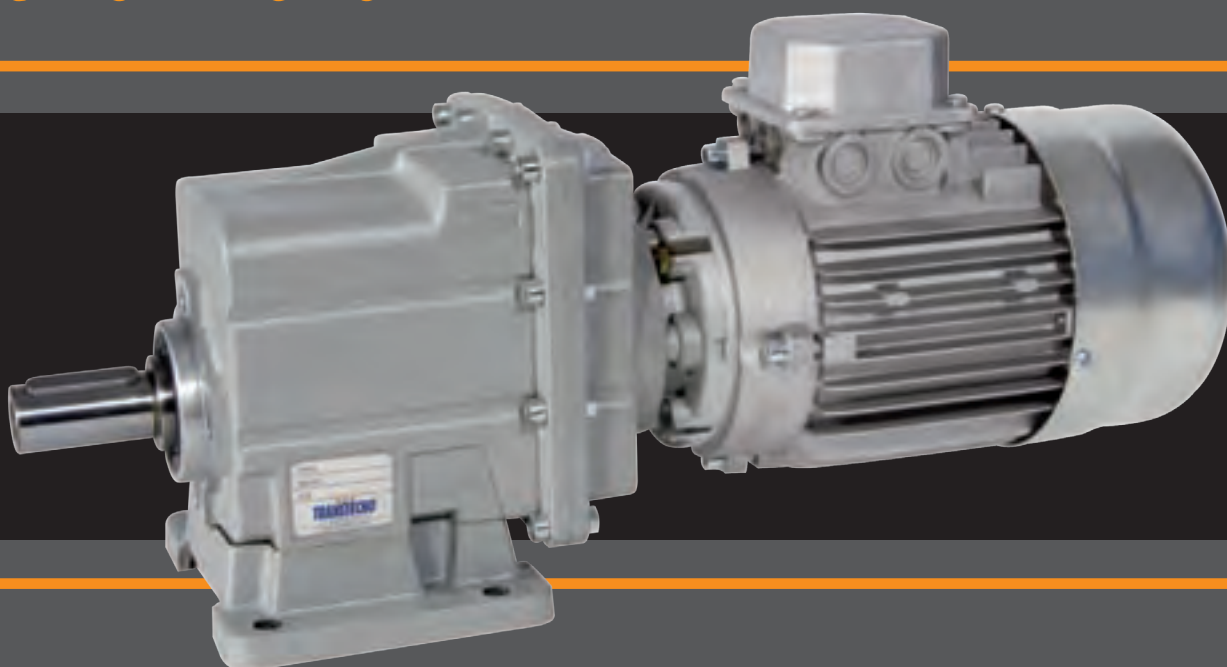
**TRANSTECNO**<sup>TM</sup>  
THE MODULAR GEARMOTOR

**CMG**

CMG



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



**КОМПОНЕНТЫ МОТОР-РЕДУКТОРОВ TRANSTECNO**



Асинхронные двигатели TS-MY



Цилиндрические редукторы CMG



Коническо-цилиндрические редукторы CMB



Червячные редукторы CM



Механические вариаторы VAM



Одноступенчатые цилиндрические редукторы PU



Планетарные редукторы P



Червячные редукторы с цилиндрической ступенью CMP



Механические вариаторы с цилиндрическими редукторами CMGV



Комбинация червячных и планетарных редукторов WMP



Сдвоенные червячные редукторы SMM



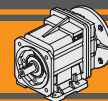
Механические вариаторы с червячными редукторами CMV



Двигатели постоянного тока на редкоземельных магнитах



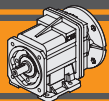
Двигатели постоянного тока на постоянных магнитах



Содержание	Index	Стр. Page
Технические характеристики	<i>Technical features</i>	<b>B2</b>
Маркировка	<i>Classification</i>	<b>B2</b>
Направление вращения	<i>Direction of rotation</i>	<b>B3</b>
Обозначения	<i>Symbols</i>	<b>B3</b>
Смазка	<i>Lubrication</i>	<b>B4</b>
Радиальные нагрузки	<i>Radial loads</i>	<b>B5</b>
Таблицы выбора	<i>Technical data</i>	<b>B6</b>
Соединительные адаптеры для моторов IEC	<i>IEC Motor adapters</i>	<b>B16</b>
Габаритные размеры	<i>Dimensions</i>	<b>B18</b>

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](http://www.transtecno.com)

*This section replaces any previous edition and revision. If you obtained this catalogue other than through controlled distribution channels, the most up to date content is not guaranteed. In this case the latest version is available on our web site [www.transtecno.com](http://www.transtecno.com)*



## Технические характеристики

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

Основные характеристики:

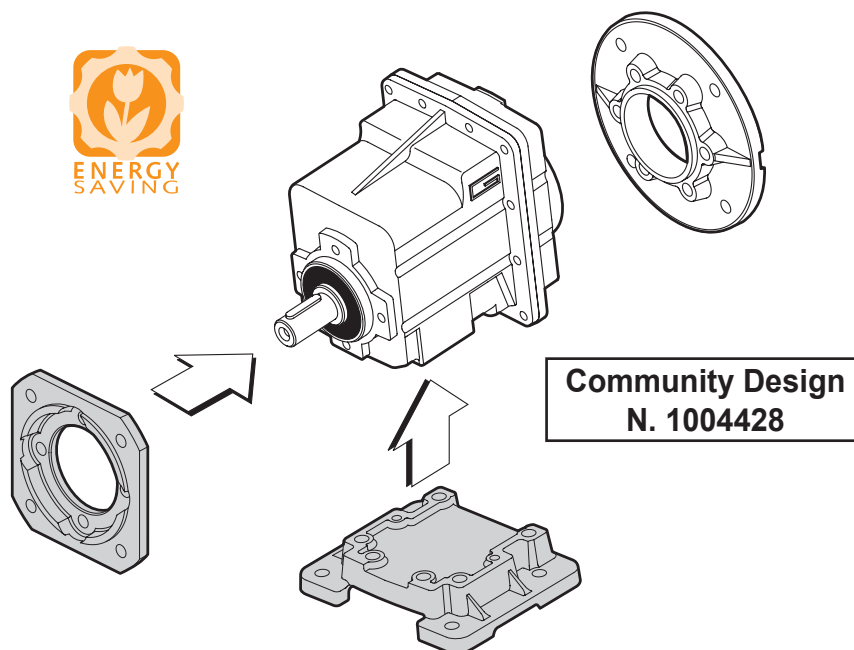
- Литой алюминиевый корпус со входными фланцами для габаритов 00, 01, 02, 03 и 04 и чугунный - для 05.
- Чугунные лапы и выходные фланцы.
- Шлифованные закаленные цилиндрические шестерни.
- Синтетическая долговечная смазка.

## 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.

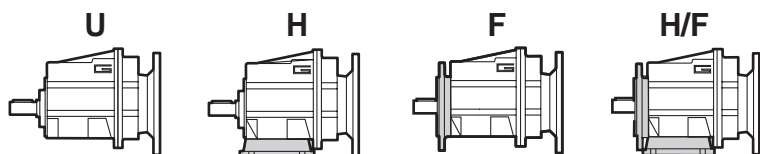
The main features of CMG range are:

- 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.



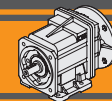
## Маркировка

## Classification



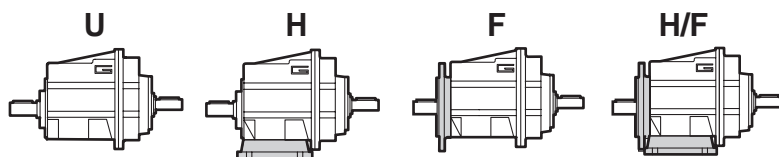
РЕДУКТОР / GEARBOX

CMG	01	2	H65	9.81	D20	71	B14	B3
Тип Type	Габарит Size	Количество ступеней Stages	Версия Version	Передаточное число Ratio	Albero uscita Output shaft	IEC 	Тип фланца Version	Монтажная позиция Mounting position
CMG	00 01 02 03 04 05	2 3	U... H... F... H.../F...	См. таблицы see tables	См. таблицы see tables	56.. — 112..	B5 B14	B3-B5 B8 B6 B7 V5-V1 V6-V3



## Маркировка

## Classification



РЕДУКТОР / GEARBOX

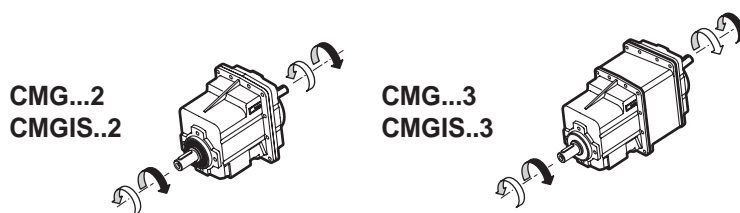
CMGIS	01	2	U	9.81	D20	B3
Тип Type	Габарит Size	Количество ступеней Stages	Версия Version	Передаточное число Ratio	Albero uscita Output shaft	Монтажная позиция Mounting position
CMGIS	01 02 03 04 05	2 3	U... H... F... H.../F...	См. таблицы see tables	См. таблицы see tables	B3-B5 B8 B6 B7 V5-V1 V6-V3

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	<p>T1 (Std) T4 T2 T3</p>

## Направление вращения

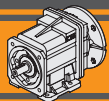
## Direction of rotation



## Обозначения

## Symbols

$n_1$	[об/мин]	Скорость на входе / <i>Input speed</i>
$n_2$	[об/мин]	Скорость на выходе / <i>Output speed</i>
$i$		Передаточное отношение / <i>Ratio</i>
$P_1$	[кВт]	Входная мощность / <i>Input power</i>
$M_2$	[Нм]	Номинальный вых. момент при мощности $P_1$ / <i>Output torque referred to P</i>
$Pn_1$	[кВт]	Номинальная входная мощность / <i>Nominal input power</i>
$Mn_2$	[Нм]	Номинальный вых. момент при мощности $Pn_1$ / <i>Nominal output torque referred to Pn1</i>
$sf$		Сервис фактор / <i>Service factor</i>
$R_2$	[Н]	Радиальная нагрузка / <i>Permitted output radial load</i>
$A_2$	[Н]	Осевая нагрузка / <i>Permitted output axial load</i>



## Смазка

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.

## Lubrication

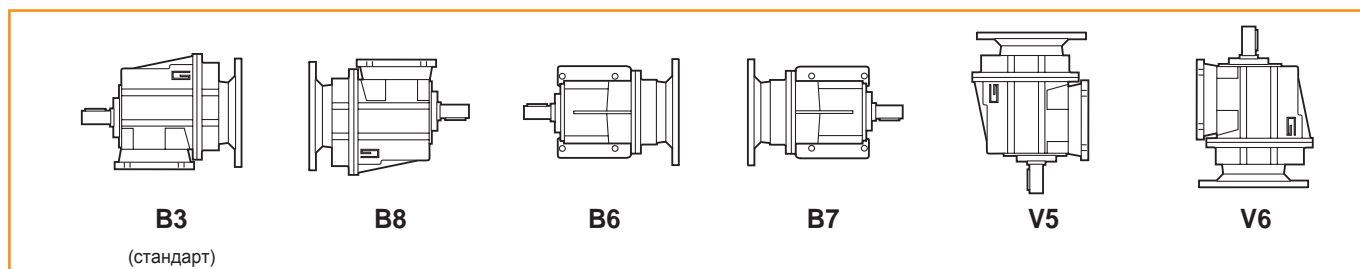
Permanent synthetic oil long-life lubrication (viscosity grade 320) makes it possible to use sizes 00, 01, 02, 03 and 04 in all mounting positions; for this reason they can be installed in any assembly position and do not require maintenance. For size 05 lubrication depends on assembly position.

CMG CMGIS	Количество смазки (литры) / Oil quantity (litres)					
	B3	B8	B6	B7	V5	V6
002						0.18
012						0.32
013						0.94
022						0.32
023						0.94
032						0.7
033						1.8
042						0.7
043						1.8
052	2.6	2	2.3	2.3	2.6	3.3
053	3.2	2.6	2.9	2.9	4.9	4.7

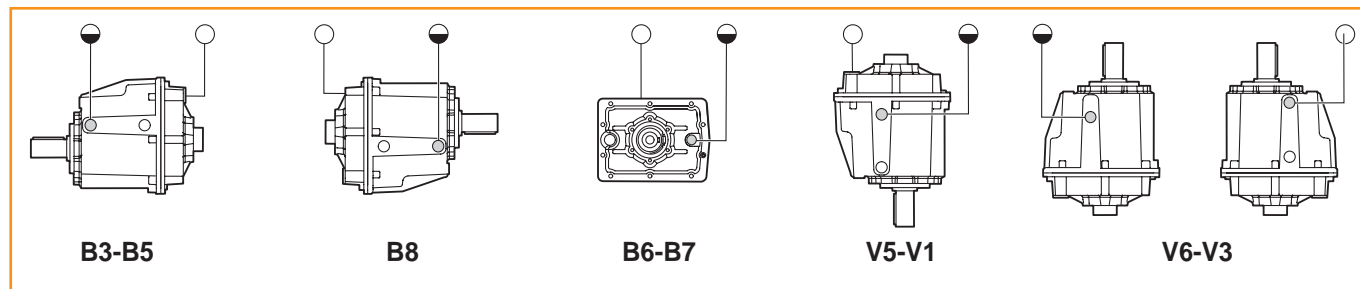
На весь срок эксплуатации  
Life lubrication

### Монтажная позиция / Mounting positions

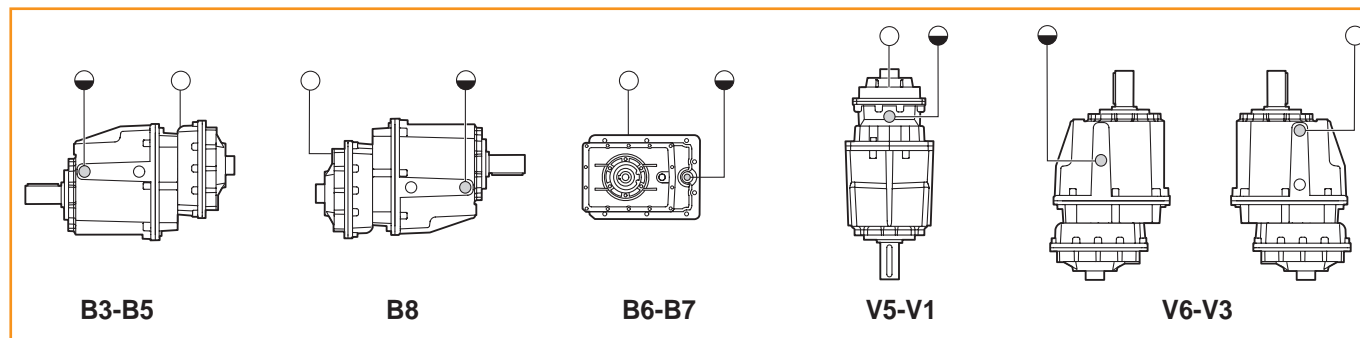
#### CMG 002-012-013-022-023-032-033-042-043



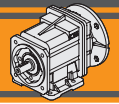
#### CMG 052



#### CMG 053

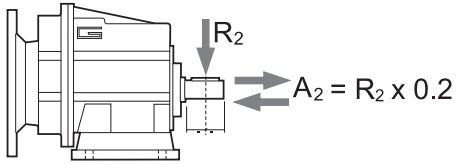


○ Сапун и заливное отверстие / Breather and filling plug  
● Контроль уровня масла / Oil level plug



Радиальные нагрузки

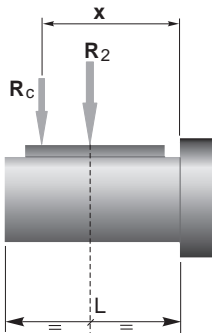
Radial loads



n <sub>2</sub> [об/мин]	R <sub>2</sub> [N]					
	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:

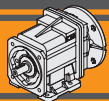


	CMG 00	CMG 01	CMG 02	CMG 03	CMG 04	CMG 05
a	73	104	117	132	150	180
b	53	84	92	102	115	140
R <sub>2MAX</sub>	1300	2500	5000	6500	8000	12000

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

$$R \leq R_c$$

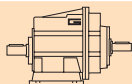
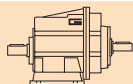
a, b = значения из таблицы  
a, b = values given in the table

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

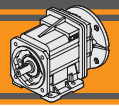
## Таблицы выбора

n<sub>1</sub> 1400 об/мин

## Technical data

	n <sub>2</sub> [об/мин]	Mn <sub>2</sub> [Нм]	Pn <sub>1</sub> [кВт]	i		n <sub>2</sub> [об/мин]	Mn <sub>2</sub> [Нм]	Pn <sub>1</sub> [кВт]	i
<b>CMGIS 002</b>					<b>CMGIS 022</b>				
	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
<b>CMGIS 012</b>					<b>CMGIS 023</b>				
	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					
<b>CMGIS 013</b>					<b>CMGIS 032</b>				
	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
						56.0	300	1.8	24.99
						45.8	300	1.5	30.57
						40.9	300	1.3	34.20
						36.2	300	1.2	38.63
						31.7	300	1.0	44.18
						27.3	300	0.9	51.30
						23.0	300	0.8	60.80

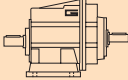
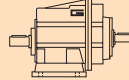




Таблицы выбора

$n_1$  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]	$i$
<b>CMGIS 033</b>					<b>CMGIS 052</b>				
	31.0	300	1.0	45.21		371	410	16.6	3.78
	22.8	300	0.76	61.32		292	410	13.0	4.80
	19.2	300	0.64	72.83		241	410	10.8	5.82
	14.4	300	0.48	97.45		210	470	10.7	6.68
	12.1	300	0.40	115.74		167	470	8.6	8.37
	9.9	300	0.33	140.81		153	510	8.5	9.16
	8.0	300	0.27	174.26		141	510	7.9	9.90
	6.2	300	0.21	225.47		120	630	8.3	11.64
	5.3	300	0.18	262.05		106	630	7.3	13.25
	4.3	300	0.14	325.79		99.2	750	8.1	14.11
	3.7	300	0.12	378.64		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
<b>CMGIS 042</b>					<b>CMGIS 053</b>				
	374	230	9.4	3.74		25.0	900	2.50	56.05
	311	230	7.8	4.50		21.7	900	2.18	64.48
	255	230	6.4	5.48		18.7	900	1.87	74.96
	222	260	6.3	6.31		17.3	900	1.73	81.07
	177	260	5.0	7.93		16.2	900	1.63	86.24
	154	280	4.7	9.08		12.9	900	1.29	108.43
	128	280	3.9	10.93		10.9	900	1.09	128.84
	111	350	4.2	12.60		8.1	900	0.81	172.32
	105	350	4.0	13.30		7.5	900	0.75	186.17
	91.5	420	4.2	15.30		6.5	900	0.65	216.19
	76.9	420	3.5	18.21		5.6	900	0.56	248.99
	72.8	420	3.3	19.24		4.8	900	0.49	289.15
	56.0	500	3.1	24.99					
	45.8	500	2.5	30.57					
	40.9	500	2.2	34.20					
	36.2	500	2.0	38.63					
	31.7	500	1.7	44.18					
	27.3	500	1.5	51.30					
	23.0	480	1.2	60.80					
<b>CMGIS 043</b>									
	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					

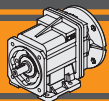
CMG

Примечание:

$Pn_1$  - входная механическая мощность, которую необходимо понижать для предотвращения возникновения перегрева. Для получения более детальной информации свяжитесь, пожалуйста, с техническим отделом.

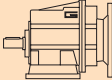

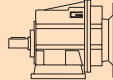

Note:

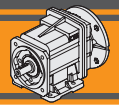
$Pn_1$  is an input mechanical power which must be reduced by the heating factor in order to get the relevant one. For more details please contact our Technical Service.



## Таблицы выбора

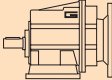

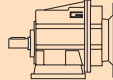

## Technical data

P <sub>1</sub> [кВт]	n <sub>2</sub> [об/мин]	M <sub>2</sub> [Нм]	sf	i			P <sub>1</sub> [кВт]	n <sub>2</sub> [об/мин]	M <sub>2</sub> [Нм]	sf	i						
<b>0.06</b>							<b>0.12</b>										
56A4 (1400 об/мин)	279	2	20.3	5.03	CMG002	B5/B14	63A4 (1400 об/мин)	30.0	36	3.3	46.61	CMG013	B5				
	230	2	16.7	6.10				25.3	43	2.8	55.36						
	187	3	13.6	7.49				22.1	49	2.5	63.22						
	156	4	14.2	8.99				18.6	58	2.1	75.08						
	138	4	12.5	10.16				15.7	69	1.7	89.17						
	116	5	10.5	12.07				12.4	87	1.4	113.05						
	105	5	13.3	13.40				10.4	103	1.2	134.27						
	92.5	6	11.8	15.14				8.1	134	0.9	173.72						
	77.1	7	9.8	18.17				6.9	156	0.8	202.16						
	64.9	8	8.3	21.58				5.4	201	0.6	261.57						
	59.6	9	7.6	23.51				4.6	234	0.5	304.00						
	55.8	10	7.1	25.10				3.6	303	0.4	393.33						
	51.7	11	6.6	27.08													
	43.1	13	5.5	32.49				29.7	36	5.5	47.19			CMG023	B5		
	33.3	17	4.2	42.04				25.0	43	4.6	56.05						
	31.2	18	4.0	44.89				21.9	49	4.1	64.01						
	28.7	19	3.6	48.86				18.4	58	3.4	76.02						
								15.5	69	2.9	90.29						
								12.2	88	2.3	114.46						
								10.3	105	1.9	135.95						
						8.0	135	1.5	175.89								
						6.8	157	1.3	204.69								
						5.3	204	1.0	264.84								
						4.5	237	0.8	307.80	CMG033	B5						
						3.5	306	0.7	398.25								
						31.0	35	8.6	45.21								
						22.8	47	6.4	61.32								
						19.2	56	5.4	72.83								
						14.4	75	4.0	97.45								
						12.1	89	3.4	115.74								
						9.9	108	2.8	140.81								
						8.0	134	2.2	174.26								
						6.2	173	1.7	225.47	CMG043	B5						
						5.3	202	1.5	262.05								
						4.3	251	1.2	325.79								
						3.7	291	1.0	378.64								
						31.0	35	14.4	45.21								
						22.8	47	10.6	61.32								
						19.2	56	8.9	72.83								
						14.4	75	6.7	97.45								
						12.1	89	5.6	115.74								
						9.9	108	4.6	140.81								
						8.0	134	3.7	174.26								
						6.2	173	2.9	225.47								
						5.3	202	2.5	262.05								
						4.3	251	2.0	325.79								
						3.7	291	1.7	378.64								
<b>0.12</b>							<b>0.18</b>										
63A4 (1400 об/мин)	279	4	10.1	5.03	CMG002	B5/B14	63B4 (1400 об/мин)	279	6	6.8	5.03	CMG002	B5/B14				
	230	5	8.3	6.10				230	7	5.6	6.10						
	187	6	6.8	7.49				187	9	4.5	7.49						
	156	7	7.1	8.99				156	11	4.7	8.99						
	138	8	6.3	10.16				138	12	4.2	10.16						
	116	9	5.3	12.07				116	14	3.5	12.07						
	105	11	6.7	13.40				105	16	4.4	13.40						
	92.5	12	5.9	15.14				92.5	18	3.9	15.14						
	77.1	14	4.9	18.17				77.1	21	3.3	18.17						
	64.9	17	4.1	21.58				64.9	25	2.8	21.58						
	59.6	18	3.8	23.51				59.6	28	2.5	23.51						
	55.8	20	3.5	25.10				55.8	30	2.4	25.10						
	51.7	21	3.3	27.08				51.7	32	2.2	27.08						
	43.1	26	2.7	32.49				43.1	38	1.8	32.49						
	33.3	33	2.1	42.04				33.3	50	1.4	42.04						
	31.2	35	2.0	44.89				31.2	53	1.3	44.89						
	28.7	38	1.8	48.86				28.7	58	1.2	48.86						
							CMG012	B5									
	59.4	19	6.5	23.56													
	47.4	23	5.2	29.56													
	39.5	28	4.3	35.47													
	30.5	36	3.3	45.89													
	28.6	39	3.1	49.00													
	26.3	42	2.9	53.33													

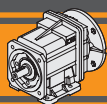


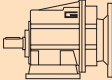

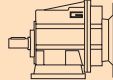

Таблицы выбора

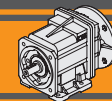
Technical data

P <sub>1</sub> [кВт]	n <sub>2</sub> [об/мин]	M <sub>2</sub> [Нм]	sf	i			P <sub>1</sub> [кВт]	n <sub>2</sub> [об/мин]	M <sub>2</sub> [Нм]	sf	i					
<b>0.18</b>							<b>0.25</b>									
63B4 (1400 об/мин)	78.4	21	5.7	17.86	CMG012	B5	71A4 (1400 об/мин)	367	6	9.6	3.82	CMG012	B5/B14			
	73.4	22	5.3	19.07					302	8	7.9			4.63		B5/B14
	70.6	23	5.1	19.83					246	9	6.4			5.69		B5/B14
	59.4	28	4.3	23.56					181	13	6.3			7.72		B5/B14
	47.4	35	3.4	29.56					153	15	5.3			9.17		B5/B14
	39.5	42	2.9	35.47					143	16	5.0			9.81		B5/B14
	30.5	54	2.2	45.89					122	19	5.3			11.50		B5/B14
	28.6	58	2.1	49.00			118	19	5.1	11.90		B5/B14				
	26.3	63	1.9	53.33			101	23	5.3	13.80		B5/B14				
	30.0	54	2.2	46.61	CMG013	B5	95.7	24	5.0	14.62		B5/B14				
	25.3	64	1.9	55.36					78.4	29	4.1	17.86		B5/B14		
	22.1	73	1.6	63.22					73.4	31	3.8	19.07		B5/B14		
	18.6	87	1.4	75.08					70.6	32	3.7	19.83		B5/B14		
	15.7	103	1.2	89.17					59.4	39	3.1	23.56		B5/B14		
	12.4	130	0.9	113.05					47.4	48	2.5	29.56		B5/B14		
	29.7	54	3.7	47.19			CMG023	B5	39.5	58	2.1	35.47		B5/B14		
	25.0	65	3.1	56.05					30.5	75	1.6	45.89		B5/B14		
	21.9	74	2.7	64.01					28.6	80	1.5	49.00		B5/B14		
	18.4	88	2.3	76.02					26.3	87	1.4	53.33		B5/B14		
	15.5	104	1.9	90.29					30.0	75	1.6	46.61	CMG013	B5/B14		
	12.2	132	1.5	114.46					25.3	89	1.4	55.36				B5/B14
	10.3	157	1.3	135.95					22.1	101	1.2	63.22				B5/B14
	8.0	203	1.0	175.89			18.6	120	1.0	75.08		B5/B14				
	6.8	236	0.8	204.69			15.7	143	0.8	89.17		B5/B14				
	31.0	52	5.7	45.21	CMG033	B5	383	6	16.7	3.66	CMG022	B5/B14				
	22.8	71	4.2	61.32					316	7					13.8	4.43
	19.2	84	3.6	72.83					257	9			11.2	5.45		B5/B14
	14.4	112	2.7	97.45					189	12			9.9	7.39		B5/B14
	12.1	134	2.2	115.74					160	14			8.4	8.78		B5/B14
	9.9	163	1.8	140.81					141	16			7.4	9.93		B5/B14
	8.0	201	1.5	174.26					127	18			11.1	11.01		B5/B14
	6.2	260	1.2	225.47			116	20	10.1	12.05		B5/B14				
	5.3	302	1.0	262.05			106	22	9.2	13.21		B5/B14				
	31.0	52	9.6	45.21	CMG043	B5	94.6	24	8.3	14.81		B5/B14				
	22.8	71	7.1	61.32					81.9	28	5.7	17.10		B5/B14		
	19.2	84	5.9	72.83					76.7	30	5.4	18.26		B5/B14		
	14.4	112	4.4	97.45					69.7	33	6.1	20.08		B5/B14		
	12.1	134	3.7	115.74					58.7	39	5.1	23.85		B5/B14		
	9.9	163	3.1	140.81					46.8	49	4.1	29.93		B5/B14		
	8.0	201	2.5	174.26					39.0	59	3.4	35.91		B5/B14		
	6.2	260	1.9	225.47			30.1	76	2.6	46.46		B5/B14				
	5.3	302	1.7	262.05			28.2	81	2.5	49.61		B5/B14				
	4.3	376	1.3	325.79			25.9	88	2.3	54.00		B5/B14				
	3.7	437	1.1	378.64			29.7	76	2.6	47.19	CMG023	B5/B14				
	22.8	71	7.1	61.32			25.0	90	2.2	56.05				B5/B14		
	19.2	84	5.9	72.83			21.9	103	1.9	64.01				B5/B14		
	14.4	112	4.4	97.45			18.4	122	1.6	76.02				B5/B14		
	12.1	134	3.7	115.74			15.5	145	1.4	90.29				B5/B14		
	9.9	163	3.1	140.81			12.2	183	1.1	114.46				B5/B14		
	8.0	201	2.5	174.26			10.3	218	0.9	135.95				B5/B14		
	6.2	260	1.9	225.47			31.7	72	4.1	44.18	CMG032	B5				
	5.3	302	1.7	262.05			27.3	84	3.6	51.30						
	4.3	376	1.3	325.79			31.0	72	4.1	45.21	CMG033	B5/B14				
	3.7	437	1.1	378.64			22.8	98	3.1	61.32				B5/B14		
	22.8	71	7.1	61.32			19.2	117	2.6	72.83				B5/B14		
	19.2	84	5.9	72.83			14.4	156	1.9	97.45				B5/B14		
	14.4	112	4.4	97.45			12.1	186	1.6	115.74				B5/B14		
	12.1	134	3.7	115.74			9.9	226	1.3	140.81				B5/B14		
	9.9	163	3.1	140.81			8.0	279	1.1	174.26				B5/B14		
	8.0	201	2.5	174.26			6.2	361	0.8	225.47		B5/B14				
	6.2	260	1.9	225.47								B5/B14				
	5.3	302	1.7	262.05								B5/B14				
	4.3	376	1.3	325.79								B5/B14				
	3.7	437	1.1	378.64								B5/B14				
<b>0.25</b>							<b>0.25</b>									
71A4 (1400 об/мин)	279	8	4.9	5.03	CMG002	B5/B14										
	230	10	4.0	6.10												
	187	12	3.3	7.49												
	156	15	3.4	8.99												
	138	17	3.0	10.16												
	116	20	2.5	12.07												
	105	22	3.2	13.40												
	92.5	25	2.8	15.14												
	77.1	30	2.4	18.17												
	64.9	35	2.0	21.58												
	59.6	38	1.8	23.51												
	55.8	41	1.7	25.10												
	51.7	44	1.6	27.08												
	43.1	53	1.3	32.49												
	33.3	69	1.0	42.04												
	31.2	73	1.0	44.89												
	28.7	80	0.9	48.86												

CMG

**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]	$sf$	$i$		
<b>0.25</b>							<b>0.37</b>						
71A4 (1400 об/мин)	<b>31.0</b>	72	6.9	45.21	<b>CMG043</b>	B5/B14	71B4 (1400 об/мин)	<b>383</b>	9	11.3	3.66	<b>CMG022</b>	B5/B14
	<b>22.8</b>	98	5.1	61.32		B5/B14	<b>316</b>	11	9.3	4.43	B5/B14		
	<b>19.2</b>	117	4.3	72.83		B5/B14	<b>257</b>	13	7.6	5.45	B5/B14		
	<b>14.4</b>	156	3.2	97.45		B5/B14	<b>189</b>	18	6.7	7.39	B5/B14		
	<b>12.1</b>	186	2.7	115.74		B5/B14	<b>160</b>	21	5.6	8.78	B5/B14		
	<b>9.9</b>	226	2.2	140.81		B5/B14	<b>141</b>	24	5.0	9.93	B5/B14		
	<b>8.0</b>	279	1.8	174.26		B5/B14	<b>127</b>	27	7.5	11.01	B5/B14		
	<b>6.2</b>	361	1.4	225.47		B5/B14	<b>116</b>	29	6.8	12.05	<b>B5</b>		
	<b>5.3</b>	420	1.2	262.05		B5/B14	<b>106</b>	32	6.2	13.21	<b>B5</b>		
	<b>4.3</b>	522	1.0	325.79		B5/B14	<b>94.6</b>	36	5.6	14.81	B5/B14		
	<b>3.7</b>	607	0.8	378.64		B5/B14	<b>81.9</b>	41	3.9	17.10	B5/B14		
						<b>CMG053</b>	<b>B5</b>	<b>76.7</b>	44	3.6	18.26		B5/B14
	<b>21.7</b>	103	8.7	64.48			<b>B5</b>	<b>69.7</b>	49	4.1	20.08		B5/B14
	<b>18.7</b>	120	7.5	74.96	<b>B5</b>		<b>58.7</b>	58	3.5	23.85	B5/B14		
	<b>17.3</b>	130	6.9	81.07	<b>B5</b>		<b>46.8</b>	73	2.8	29.93	B5/B14		
	<b>16.2</b>	138	6.5	86.24	<b>B5</b>		<b>39.0</b>	87	2.3	35.91	B5/B14		
	<b>12.9</b>	174	5.2	108.43	<b>B5</b>		<b>30.1</b>	113	1.8	46.46	B5/B14		
	<b>10.9</b>	207	4.4	128.84	<b>B5</b>		<b>28.2</b>	120	1.7	49.61	B5/B14		
	<b>8.1</b>	276	3.3	172.32	<b>B5</b>		<b>25.9</b>	131	1.5	54.00	B5/B14		
	<b>7.5</b>	298	3.0	186.17	<b>B5</b>								
	<b>6.5</b>	347	2.6	216.19	<b>B5</b>		<b>29.7</b>	112	1.8	47.19	<b>CMG023</b>	B5/B14	
	<b>5.6</b>	399	2.3	248.99	<b>B5</b>		<b>25.0</b>	133	1.5	56.05		B5/B14	
	<b>4.8</b>	464	1.9	289.15	<b>B5</b>		<b>21.9</b>	152	1.3	64.01		B5/B14	
					<b>B5</b>		<b>18.4</b>	180	1.1	76.02		B5/B14	
					<b>B5</b>		<b>15.5</b>	214	0.9	90.29		B5/B14	
<b>0.37</b>													
71B4 (1400 об/мин)	<b>279</b>	12	3.3	5.03	<b>CMG002</b>	B5/B14	<b>374</b>	9	16.5	3.74	<b>CMG032</b>	<b>B5</b>	
	<b>230</b>	15	2.7	6.10		B5/B14	<b>311</b>	11	13.7	4.50		<b>B5</b>	
	<b>187</b>	18	2.2	7.49		B5/B14	<b>255</b>	13	11.3	5.48		<b>B5</b>	
	<b>156</b>	22	2.3	8.99		B5/B14	<b>222</b>	15	11.8	6.31		<b>B5</b>	
	<b>138</b>	25	2.0	10.16		B5/B14	<b>177</b>	19	9.4	7.93		<b>B5</b>	
	<b>116</b>	29	1.7	12.07		B5/B14	<b>154</b>	22	8.2	9.08		<b>B5</b>	
	<b>105</b>	32	2.2	13.40		B5/B14	<b>128</b>	26	6.8	10.93		<b>B5</b>	
	<b>92.5</b>	37	1.9	15.14		B5/B14	<b>111</b>	31	8.2	12.60		<b>B5</b>	
	<b>77.1</b>	44	1.6	18.17		B5/B14	<b>105</b>	32	7.8	13.30		<b>B5</b>	
	<b>64.9</b>	52	1.3	21.58		B5/B14	<b>91.5</b>	37	7.6	15.30		<b>B5</b>	
	<b>59.6</b>	57	1.2	23.51		B5/B14	<b>76.9</b>	44	6.3	18.21		<b>B5</b>	
	<b>55.8</b>	61	1.2	25.10		B5/B14	<b>72.8</b>	47	6.0	19.24		<b>B5</b>	
	<b>51.7</b>	66	1.1	27.08		B5/B14	<b>66.2</b>	51	5.5	21.15		<b>B5</b>	
	<b>43.1</b>	79	0.9	32.49		B5/B14	<b>56.0</b>	61	5.0	24.99		<b>B5</b>	
						<b>CMG012</b>	<b>B5</b>	<b>45.8</b>	74	4.0		30.57	<b>B5</b>
	<b>367</b>	9	6.5	3.82	B5/B14		<b>40.9</b>	83	3.6	34.20	<b>B5</b>		
	<b>302</b>	11	5.3	4.63	B5/B14		<b>36.2</b>	94	3.2	38.63	<b>B5</b>		
	<b>246</b>	14	4.4	5.69	B5/B14		<b>31.7</b>	107	2.8	44.18	<b>B5</b>		
	<b>181</b>	19	4.3	7.72	B5/B14		<b>27.3</b>	124	2.4	51.30	<b>B5</b>		
	<b>153</b>	22	3.6	9.17	B5/B14		<b>23.0</b>	147	2.0	60.80	<b>B5</b>		
	<b>143</b>	24	3.4	9.81	B5/B14								
	<b>122</b>	28	3.6	11.50	B5/B14		<b>31.0</b>	107	2.8	45.21	<b>CMG033</b>	B5/B14	
	<b>118</b>	29	3.5	11.90	B5/B14		<b>22.8</b>	145	2.1	61.32		B5/B14	
	<b>101</b>	33	3.6	13.80	B5/B14		<b>19.2</b>	173	1.7	72.83		B5/B14	
	<b>95.7</b>	35	3.4	14.62	B5/B14		<b>14.4</b>	231	1.3	97.45		B5/B14	
	<b>78.4</b>	43	2.8	17.86	B5/B14		<b>12.1</b>	275	1.1	115.74	B5/B14		
	<b>73.4</b>	46	2.6	19.07	B5/B14		<b>9.9</b>	334	0.9	140.81	B5/B14		
	<b>70.6</b>	48	2.5	19.83	B5/B14								
	<b>59.4</b>	57	2.1	23.56	B5/B14	<b>31.0</b>	107	4.7	45.21	<b>CMG043</b>	B5/B14		
	<b>47.4</b>	72	1.7	29.56	B5/B14	<b>22.8</b>	145	3.4	61.32		B5/B14		
	<b>39.5</b>	86	1.4	35.47	B5/B14	<b>19.2</b>	173	2.9	72.83		B5/B14		
	<b>30.5</b>	111	1.1	45.89	B5/B14	<b>14.4</b>	231	2.2	97.45		B5/B14		
	<b>28.6</b>	119	1.0	49.00	B5/B14	<b>12.1</b>	275	1.8	115.74		B5/B14		
	<b>26.3</b>	129	0.9	53.33	B5/B14	<b>9.9</b>	334	1.5	140.81		B5/B14		
					<b>CMG013</b>	<b>B5</b>	<b>8.0</b>	413	1.2		174.26	B5/B14	
	<b>30.0</b>	111	1.1	46.61		B5/B14	<b>6.2</b>	535	0.9	225.47	B5/B14		
	<b>25.3</b>	131	0.9	55.36		B5/B14							
	<b>22.1</b>	150	0.8	63.22		B5/B14							



**Таблицы выбора**

**Technical data**

P <sub>1</sub> [кВт]	n <sub>2</sub> [об/мин]	M <sub>2</sub> [Нм]	sf	i		
-------------------------	----------------------------	------------------------	----	---	---	---

P <sub>1</sub> [кВт]	n <sub>2</sub> [об/мин]	M <sub>2</sub> [Нм]	sf	i		
-------------------------	----------------------------	------------------------	----	---	---	---

**0.37**

71B4 (1400 об/мин)	<b>25.0</b>	133	6.8	56.05	<b>CMG053</b>	<b>B5</b>
	<b>21.7</b>	153	5.9	64.48		<b>B5</b>
	<b>18.7</b>	178	5.1	74.96		<b>B5</b>
	<b>17.3</b>	192	4.7	81.07		<b>B5</b>
	<b>16.2</b>	205	4.4	86.24		<b>B5</b>
	<b>12.9</b>	257	3.5	108.43		<b>B5</b>
	<b>10.9</b>	306	2.9	128.84		<b>B5</b>
	<b>8.1</b>	409	2.2	172.32		<b>B5</b>
	<b>7.5</b>	442	2.0	186.17		<b>B5</b>
	<b>6.5</b>	513	1.8	216.19		<b>B5</b>
	<b>5.6</b>	591	1.5	248.99	<b>B5</b>	
	<b>4.8</b>	686	1.3	289.15	<b>B5</b>	

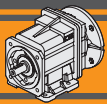
**0.55**

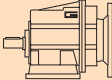

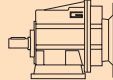

80A4 (1400 об/мин)	<b>29.7</b>	166	1.2	47.19	<b>CMG023</b>	<b>B5/B14</b>	
	<b>25.0</b>	198	1.0	56.05		<b>B5/B14</b>	
	<b>21.9</b>	226	0.9	64.01		<b>B5/B14</b>	
	<b>374</b>	13	11.1	3.74		<b>CMG032</b>	<b>B5/B14</b>
	<b>311</b>	16	9.2	4.50			<b>B5/B14</b>
	<b>255</b>	20	7.6	5.48			<b>B5/B14</b>
	<b>222</b>	23	7.9	6.31			<b>B5/B14</b>
	<b>177</b>	29	6.3	7.93			<b>B5/B14</b>
	<b>154</b>	33	5.5	9.08			<b>B5/B14</b>
	<b>128</b>	39	4.6	10.93			<b>B5/B14</b>
	<b>111</b>	45	5.5	12.60	<b>B5/B14</b>		
	<b>105</b>	48	5.2	13.30	<b>B5/B14</b>		
	<b>91.5</b>	55	5.1	15.30	<b>B5/B14</b>		
	<b>76.9</b>	66	4.3	18.21	<b>B5/B14</b>		
	<b>72.8</b>	69	4.0	19.24	<b>B5/B14</b>		
	<b>66.2</b>	76	3.7	21.15	<b>B5/B14</b>		
	<b>56.0</b>	90	3.3	24.99	<b>B5/B14</b>		
	<b>45.8</b>	110	2.7	30.57	<b>B5/B14</b>		
	<b>40.9</b>	123	2.4	34.20	<b>B5/B14</b>		
	<b>36.2</b>	139	2.2	38.63	<b>B5/B14</b>		
	<b>31.7</b>	159	1.9	44.18	<b>B5/B14</b>		
	<b>27.3</b>	185	1.6	51.30	<b>B5/B14</b>		
	<b>23.0</b>	219	1.4	60.80	<b>B5/B14</b>		
	<b>31.0</b>	159	1.9	45.21	<b>CMG033</b>	<b>B5/B14</b>	
	<b>22.8</b>	216	1.4	61.32		<b>B5/B14</b>	
	<b>19.2</b>	257	1.2	72.83		<b>B5/B14</b>	
	<b>14.4</b>	344	0.9	97.45	<b>B5/B14</b>		
	<b>23.0</b>	219	2.2	60.80	<b>CMG042</b>	<b>B5/B14</b>	
	<b>31.0</b>	159	3.1	45.21	<b>CMG043</b>	<b>B5/B14</b>	
	<b>22.8</b>	216	2.3	61.32		<b>B5/B14</b>	
	<b>19.2</b>	257	1.9	72.83	<b>B5/B14</b>		
	<b>14.4</b>	344	1.5	97.45	<b>B5/B14</b>		
	<b>12.1</b>	408	1.2	115.74	<b>B5/B14</b>		
	<b>9.9</b>	497	1.0	140.81	<b>B5/B14</b>		
	<b>9.9</b>	497	1.0	140.81	<b>B5/B14</b>		
	<b>8.0</b>	615	0.8	174.26	<b>B5/B14</b>		
	<b>25.0</b>	198	4.6	56.05	<b>CMG053</b>	<b>B5/B14</b>	
	<b>21.7</b>	227	4.0	64.48		<b>B5/B14</b>	
	<b>18.7</b>	264	3.4	74.96		<b>B5/B14</b>	
	<b>17.3</b>	286	3.1	81.07		<b>B5/B14</b>	
	<b>17.3</b>	286	3.1	81.07		<b>B5/B14</b>	
	<b>16.2</b>	304	3.0	86.24		<b>B5/B14</b>	
	<b>12.9</b>	382	2.4	108.43		<b>B5/B14</b>	
	<b>10.9</b>	454	2.0	128.84		<b>B5/B14</b>	
	<b>8.1</b>	608	1.5	172.32		<b>B5/B14</b>	
	<b>7.5</b>	657	1.4	186.17		<b>B5/B14</b>	
	<b>6.5</b>	762	1.2	216.19	<b>B5/B14</b>		
	<b>5.6</b>	878	1.0	248.99	<b>B5/B14</b>		
	<b>4.8</b>	1020	0.9	289.15	<b>B5/B14</b>		

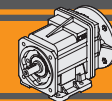
**0.55**

80A4 (1400 об/мин)	<b>279</b>	18	2.2	5.03	<b>CMG002</b>	<b>B5/B14</b>
	<b>230</b>	22	1.8	6.10		<b>B5/B14</b>
	<b>187</b>	27	1.5	7.49		<b>B5/B14</b>
	<b>156</b>	32	1.5	8.99		<b>B5/B14</b>
	<b>138</b>	37	1.4	10.16		<b>B5/B14</b>
	<b>116</b>	43	1.2	12.07		<b>B5/B14</b>
	<b>105</b>	48	1.5	13.40		<b>B5/B14</b>
	<b>92.5</b>	55	1.3	15.14		<b>B5/B14</b>
	<b>77.1</b>	65	1.1	18.17		<b>B5/B14</b>
	<b>64.9</b>	78	0.9	21.58		<b>B5/B14</b>
	<b>59.6</b>	85	0.8	23.51	<b>B5/B14</b>	
	<b>367</b>	14	4.4	3.82	<b>CMG012</b>	<b>B5/B14</b>
	<b>302</b>	17	3.6	4.63		<b>B5/B14</b>
	<b>246</b>	20	2.9	5.69		<b>B5/B14</b>
	<b>181</b>	28	2.9	7.72		<b>B5/B14</b>
	<b>153</b>	33	2.4	9.17		<b>B5/B14</b>
	<b>143</b>	35	2.3	9.81		<b>B5/B14</b>
	<b>122</b>	41	2.4	11.50		<b>B5/B14</b>
	<b>118</b>	43	2.3	11.90		<b>B5/B14</b>
	<b>101</b>	50	2.4	13.80		<b>B5/B14</b>
	<b>95.7</b>	53	2.3	14.62		<b>B5/B14</b>
	<b>78.4</b>	64	1.9	17.86	<b>B5/B14</b>	
	<b>73.4</b>	69	1.7	19.07	<b>B5/B14</b>	
	<b>70.6</b>	71	1.7	19.83	<b>B5/B14</b>	
	<b>59.4</b>	85	1.4	23.56	<b>B5/B14</b>	
	<b>47.4</b>	106	1.1	29.56	<b>B5/B14</b>	
	<b>39.5</b>	128	0.9	35.47	<b>B5/B14</b>	
	<b>383</b>	13	7.6	3.66	<b>CMG022</b>	<b>B5/B14</b>
	<b>316</b>	16	6.3	4.43		<b>B5/B14</b>
	<b>257</b>	20	5.1	5.45		<b>B5/B14</b>
	<b>189</b>	27	4.5	7.39		<b>B5/B14</b>
	<b>160</b>	32	3.8	8.78		<b>B5/B14</b>
	<b>141</b>	36	3.4	9.93		<b>B5/B14</b>
	<b>127</b>	40	5.0	11.01		<b>B5/B14</b>
	<b>116</b>	43	4.6	12.05		<b>B5/B14</b>
	<b>106</b>	48	4.2	13.21		<b>B5/B14</b>
	<b>94.6</b>	53	3.8	14.81		<b>B5/B14</b>
	<b>81.9</b>	62	2.6	17.10	<b>B5/B14</b>	
	<b>76.7</b>	66	2.4	18.26	<b>B5/B14</b>	
	<b>69.7</b>	72	2.8	20.08	<b>B5/B14</b>	
	<b>58.7</b>	86	2.3	23.85	<b>B5/B14</b>	
	<b>46.8</b>	108	1.9	29.93	<b>B5/B14</b>	
	<b>39.0</b>	129	1.5	35.91	<b>B5/B14</b>	
	<b>30.1</b>	167	1.2	46.46	<b>B5/B14</b>	
	<b>28.2</b>	179	1.1	49.61	<b>B5/B14</b>	
	<b>25.9</b>	194	1.0	54.00	<b>B5/B14</b>	



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

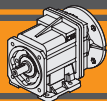
$P_1$ [кВт]	$n_2$ [об/мин]	$M_2$ [Нм]	sf	i			$P_1$ [кВт]	$n_2$ [об/мин]	$M_2$ [Нм]	sf	i							
<b>0.75</b>							<b>0.75</b>											
80B4 (1400 об/мин)	<b>279</b>	25	1.6	5.03	<b>CMG002</b>	B5/B14	80B4 (1400 об/мин)	<b>31.0</b>	217	1.4	45.21	<b>CMG033</b>	B5/B14					
	<b>230</b>	30	1.3	6.10					<b>22.8</b>	295	1.0			61.32		B5/B14		
	<b>187</b>	37	1.1	7.49											<b>CMG042</b>	B5/B14		
	<b>156</b>	44	1.1	8.99					<b>374</b>	18	12.5			3.74				B5/B14
	<b>138</b>	50	1.0	10.16					<b>311</b>	22	10.4			4.50				B5/B14
	<b>116</b>	59	0.8	12.07					<b>255</b>	27	8.5			5.48				B5/B14
	<b>105</b>	66	1.1	13.40					<b>222</b>	31	8.4			6.31				B5/B14
	<b>92.5</b>	74	0.9	15.14					<b>177</b>	39	6.7			7.93				B5/B14
	<b>77.1</b>	89	0.8	18.17					<b>154</b>	45	6.3			9.08				B5/B14
							<b>CMG012</b>	B5/B14	<b>128</b>	54	5.2			10.93				B5/B14
	<b>367</b>	19	3.2	3.82					<b>111</b>	62	5.7	12.60		B5/B14				
	<b>302</b>	23	2.6	4.63					<b>105</b>	65	5.4	13.30		B5/B14				
	<b>246</b>	28	2.1	5.69					<b>91.5</b>	75	5.6	15.30		B5/B14				
	<b>181</b>	38	2.1	7.72					<b>76.9</b>	89	4.7	18.21		B5/B14				
	<b>153</b>	45	1.8	9.17					<b>72.8</b>	94	4.4	19.24		B5/B14				
	<b>143</b>	48	1.7	9.81					<b>56.0</b>	123	4.1	24.99		B5/B14				
	<b>122</b>	56	1.8	11.50					<b>45.8</b>	150	3.3	30.57		B5/B14				
	<b>118</b>	58	1.7	11.90					<b>40.9</b>	168	3.0	34.20		B5/B14				
	<b>101</b>	68	1.8	13.80					<b>36.2</b>	190	2.6	38.63		B5/B14				
	<b>95.7</b>	72	1.7	14.62			<b>31.7</b>	217	2.3	44.18		B5/B14						
	<b>78.4</b>	88	1.4	17.86			<b>27.3</b>	252	2.0	51.30		B5/B14						
	<b>73.4</b>	94	1.3	19.07			<b>23.0</b>	299	1.6	60.80		B5/B14						
	<b>70.6</b>	97	1.2	19.83							<b>CMG043</b>	B5/B14						
	<b>59.4</b>	116	1.0	23.56			<b>31.0</b>	217	2.3	45.21				B5/B14				
					<b>CMG022</b>	B5/B14	<b>22.8</b>	295	1.7	61.32				B5/B14				
	<b>383</b>	18	5.6	3.66					<b>19.2</b>	350			1.4	72.83		B5/B14		
	<b>316</b>	22	4.6	4.43					<b>14.4</b>	469			1.1	97.45		B5/B14		
	<b>257</b>	27	3.7	5.45					<b>12.1</b>	557			0.9	115.74		B5/B14		
	<b>189</b>	36	3.3	7.39											<b>CMG052</b>	B5		
	<b>160</b>	43	2.8	8.78					<b>68.9</b>	100			7.5	20.31				B5
	<b>141</b>	49	2.5	9.93					<b>58.3</b>	118			7.6	24.02				B5
	<b>127</b>	54	3.7	11.01					<b>43.6</b>	158			5.7	32.13				B5
	<b>116</b>	59	3.4	12.05					<b>30.2</b>	227	4.0	46.31		B5				
	<b>106</b>	65	3.1	13.21					<b>25.0</b>	270	3.3	56.05		B5				
	<b>94.6</b>	73	2.8	14.81			<b>21.7</b>	310	2.9	64.48		B5						
	<b>81.9</b>	84	1.9	17.10			<b>18.7</b>	361	2.5	74.96		B5						
	<b>76.7</b>	90	1.8	18.26			<b>17.3</b>	390	2.3	81.07		B5						
	<b>69.7</b>	99	2.0	20.08			<b>16.2</b>	415	2.2	86.24		B5						
	<b>58.7</b>	117	1.7	23.85			<b>12.9</b>	521	1.7	108.43		B5						
	<b>46.8</b>	147	1.4	29.93			<b>10.9</b>	620	1.5	128.84		B5						
	<b>39.0</b>	176	1.1	35.91			<b>8.1</b>	829	1.1	172.32		B5						
	<b>30.1</b>	228	0.9	46.46			<b>7.5</b>	895	1.0	186.17		B5						
	<b>28.2</b>	244	0.8	49.61			<b>6.5</b>	1040	0.9	216.19		B5						
	<b>25.9</b>	265	0.8	54.00														
	<b>374</b>	18	8.2	3.74	<b>CMG032</b>	B5/B14	<b>1.1</b>							<b>CMG012</b>	B5/B14			
	<b>311</b>	22	6.8	4.50					90S4 (1400 об/мин)	<b>367</b>	28	2.2	3.82				B5/B14	
	<b>255</b>	27	5.6	5.48					<b>302</b>	33	1.8	4.63				B5/B14		
	<b>222</b>	31	5.8	6.31					<b>246</b>	41	1.5	5.69				B5/B14		
	<b>177</b>	39	4.6	7.93					<b>181</b>	56	1.4	7.72				B5/B14		
	<b>154</b>	45	4.0	9.08					<b>153</b>	66	1.2	9.17				B5/B14		
	<b>128</b>	54	3.4	10.93					<b>143</b>	71	1.1	9.81				B5/B14		
	<b>111</b>	62	4.0	12.60					<b>118</b>	86	1.2	11.90				B5/B14		
	<b>105</b>	65	3.8	13.30					<b>101</b>	99	1.2	13.80				B5/B14		
	<b>91.5</b>	75	3.7	15.30					<b>95.7</b>	105	1.1	14.62				B5/B14		
	<b>76.9</b>	89	3.1	18.21			<b>70.6</b>	143	0.8	19.83		B5/B14						
	<b>72.8</b>	94	3.0	19.24							<b>CMG022</b>	B5/B14						
	<b>66.2</b>	104	2.7	21.15			<b>383</b>	26	3.8	3.66				B5/B14				
	<b>56.0</b>	123	2.4	24.99			<b>316</b>	32	3.1	4.43				B5/B14				
	<b>45.8</b>	150	2.0	30.57			<b>257</b>	39	2.5	5.45				B5/B14				
	<b>40.9</b>	168	1.8	34.20			<b>189</b>	53	2.3	7.39				B5/B14				
	<b>36.2</b>	190	1.6	38.63			<b>160</b>	63	1.9	8.78				B5/B14				
	<b>31.7</b>	217	1.4	44.18			<b>141</b>	72	1.7	9.93				B5/B14				
	<b>27.3</b>	252	1.2	51.30			<b>116</b>	87	2.3	12.05				B5/B14				
	<b>23.0</b>	299	1.0	60.80			<b>106</b>	95	2.1	13.21				B5/B14				
							<b>94.6</b>	107	1.9	14.81				B5/B14				
							<b>69.7</b>	145	1.4	20.08		B5/B14						
							<b>58.7</b>	172	1.2	23.85		B5/B14						
							<b>39.0</b>	259	0.8	35.91		B5/B14						



## Таблицы выбора

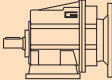

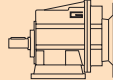

## Technical data

P <sub>1</sub> [кВт]	n <sub>2</sub> [об/мин]	M <sub>2</sub> [Нм]	sf	i			P <sub>1</sub> [кВт]	n <sub>2</sub> [об/мин]	M <sub>2</sub> [Нм]	sf	i		
<b>1.1</b>							<b>1.5</b>						
90S4 (1400 об/мин)	374	27	5.6	3.74	CMG032	B5/B14	90L4 (1400 об/мин)	367	38	1.6	3.82	CMG012	B5/B14
	311	32	4.6	4.50		B5/B14		302	45	1.3	4.63		B5/B14
	255	39	3.8	5.48		B5/B14		246	56	1.1	5.69		B5/B14
	222	45	4.0	6.31		B5/B14		181	76	1.1	7.72		B5/B14
	177	57	3.2	7.93		B5/B14		153	90	0.9	9.17		B5/B14
	154	65	2.8	9.08		B5/B14							
	128	79	2.3	10.93		B5/B14		383	36	2.8	3.66	CMG022	B5/B14
	111	91	2.8	12.60		B5/B14		316	44	2.3	4.43		B5/B14
	105	96	2.6	13.30		B5/B14		257	54	1.9	5.45		B5/B14
	91.5	110	2.5	15.30		B5/B14		189	73	1.7	7.39		B5/B14
	76.9	131	2.1	18.21		B5/B14		160	86	1.4	8.78		B5/B14
	72.8	139	2.0	19.24		B5/B14		141	98	1.2	9.93		B5/B14
	66.2	152	1.8	21.15		B5/B14		116	118	1.7	12.05		B5/B14
	56.0	180	1.7	24.99		B5/B14		106	130	1.5	13.21		B5/B14
	45.8	220	1.4	30.57		B5/B14		94.6	145	1.4	14.81		B5/B14
	40.9	246	1.2	34.20		B5/B14		69.7	197	1.0	20.08		B5/B14
	36.2	278	1.1	38.63		B5/B14		58.7	234	0.9	23.85		B5/B14
	31.7	318	0.9	44.18		B5/B14							
	31.0	319	0.9	45.21	CMG033	B5/B14		374	37	4.1	3.74	CMG032	B5/B14
								311	44	3.4	4.50		B5/B14
	374	27	8.5	3.74	CMG042	B5/B14		255	54	2.8	5.48		B5/B14
	311	32	7.1	4.50		B5/B14		222	62	2.9	6.31		B5/B14
	255	39	5.8	5.48		B5/B14		177	78	2.3	7.93		B5/B14
	222	45	5.7	6.31		B5/B14		154	89	2.0	9.08		B5/B14
	177	57	4.6	7.93		B5/B14		128	107	1.7	10.93		B5/B14
	154	65	4.3	9.08		B5/B14		111	124	2.0	12.60		B5/B14
	128	79	3.6	10.93		B5/B14		105	131	1.9	13.30		B5/B14
	111	91	3.9	12.60		B5/B14		91.5	150	1.9	15.30		B5/B14
	105	96	3.7	13.30		B5/B14		76.9	179	1.6	18.21		B5/B14
	91.5	110	3.8	15.30		B5/B14		72.8	189	1.5	19.24		B5/B14
	76.9	131	3.2	18.21		B5/B14		66.2	208	1.3	21.15		B5/B14
	72.8	139	3.0	19.24		B5/B14		56.0	245	1.2	24.99		B5/B14
	56.0	180	2.8	24.99		B5/B14		45.8	300	1.0	30.57		B5/B14
	45.8	220	2.3	30.57		B5/B14		40.9	336	0.9	34.20		B5/B14
	40.8	247	2.0	34.30		B5/B14		36.2	379	0.8	38.63		B5/B14
	36.2	278	1.8	38.63		B5/B14							
	31.7	318	1.6	44.18		B5/B14		374	37	6.3	3.74	CMG042	B5/B14
	27.3	370	1.4	51.30		B5/B14		311	44	5.2	4.50		B5/B14
	23.0	438	1.1	60.80		B5/B14		255	54	4.3	5.48		B5/B14
								222	62	4.2	6.31		B5/B14
	31.0	319	1.6	45.21	CMG043	B5/B14		177	78	3.3	7.93		B5/B14
	22.8	433	1.2	61.32		B5/B14		154	89	3.1	9.08		B5/B14
	19.2	514	1.0	72.83		B5/B14		128	107	2.6	10.93		B5/B14
								111	124	2.8	12.60		B5/B14
	371	27	15.1	3.78	CMG052	B5/B14		105	131	2.7	13.30		B5/B14
	292	35	11.9	4.80		B5/B14		91.5	150	2.8	15.30		B5/B14
	241	42	9.8	5.82		B5/B14		76.9	179	2.3	18.21		B5/B14
	210	48	9.8	6.68		B5/B14		72.8	189	2.2	19.24		B5/B14
	167	60	7.8	8.37		B5/B14		56.0	245	2.0	24.99		B5/B14
	153	66	7.7	9.16		B5/B14		45.8	300	1.7	30.57		B5/B14
	141	71	7.1	9.90		B5/B14		40.9	336	1.5	34.20		B5/B14
	120	84	7.5	11.64		B5/B14		36.2	379	1.3	38.63		B5/B14
	106	95	6.6	13.25		B5/B14		31.7	434	1.2	44.18		B5/B14
	99.2	102	7.4	14.11		B5/B14		27.3	504	1.0	51.30		B5/B14
	86.4	117	6.4	16.20		B5/B14							
	68.9	146	5.1	20.31		B5/B14		31.0	435	1.1	45.21	CMG043	B5/B14
	58.3	173	5.2	24.02		B5/B14		22.8	590	0.8	61.32		B5/B14
	43.6	231	3.9	32.13		B5/B14							
	30.2	334	2.7	46.31		B5/B14							
	25.0	395	2.3	56.05	CMG053	B5/B14							
	21.7	455	2.0	64.48		B5/B14							
	18.7	529	1.7	74.96		B5/B14							
	17.3	572	1.6	81.07		B5/B14							
	16.2	608	1.5	86.24		B5/B14							
	12.9	765	1.2	108.43		B5/B14							
	10.9	909	1.0	128.84		B5/B14							

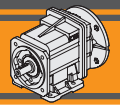


Таблицы выбора

Technical data

P <sub>1</sub> [кВт]	n <sub>2</sub> [об/мин]	M <sub>2</sub> [Нм]	sf	i			P <sub>1</sub> [кВт]	n <sub>2</sub> [об/мин]	M <sub>2</sub> [Нм]	sf	i						
<b>1.5</b>							<b>1.85</b>										
90L4 (1400 об/мин)	371	37	11.1	3.78	CMG052	B5/B14	90LB4 (1400 об/мин)	56.0	303	1.7	24.99	CMG042	B5/B14				
	292	47	8.7	4.80						45.8	370			1.3	30.57		B5/B14
	241	57	7.2	5.82						40.9	414			1.2	34.20		B5/B14
	210	66	7.2	6.68						36.2	468			1.1	38.63		B5/B14
	167	82	5.7	8.37						31.7	535			0.9	44.18		B5/B14
	153	90	5.7	9.16						27.3	621			0.8	51.30		B5/B14
	141	97	5.2	9.90													
	120	114	5.5	11.64						31.0	536			0.9	45.21	CMG043	B5/B14
	106	130	4.8	13.25													
	99.2	139	5.4	14.11						371	46			9.0	3.78	CMG052	B5/B14
	86.4	159	4.7	16.20						292	58			7.1	4.80		B5/B14
	68.9	199	3.8	20.31						241	70			5.8	5.82		B5/B14
	58.3	236	3.8	24.02						210	81			5.8	6.68		B5/B14
	43.6	316	2.9	32.13						167	101			4.6	8.37		B5/B14
	30.2	455	2.0	46.31						153	111			4.6	9.16		B5/B14
							CMG053	B5/B14		141	120			4.3	9.90		B5/B14
	25.0	539	1.7	56.05					120	141	4.5	11.64		B5/B14			
	21.7	620	1.5	64.48					106	160	3.9	13.25		B5/B14			
	18.7	721	1.2	74.96					99.2	171	4.4	14.11		B5/B14			
	17.3	780	1.2	81.07					86.4	196	3.8	16.20		B5/B14			
	16.2	829	1.1	86.24					68.9	246	3.0	20.31		B5/B14			
	12.9	1043	0.9	108.43					58.3	291	3.1	24.02		B5/B14			
									43.6	389	2.3	32.13		B5/B14			
									30.2	561	1.6	46.31		B5/B14			
									25.0	665	1.4	56.05	CMG053	B5/B14			
							21.7	765	1.2	64.48		B5/B14					
							18.7	889	1.0	74.96		B5/B14					
							17.3	962	0.9	81.07		B5/B14					
							16.2	1023	0.9	86.24		B5/B14					
<b>1.85</b>							<b>2.2</b>										
90LB4 (1400 об/мин)	367	46	1.3	3.82	CMG012	B5/B14	100LA4 (1400 об/мин)	374	54	2.8	3.74	CMG032	B5/B14				
	302	56	1.1	4.63		B5/B14		311	65	2.3	4.50				B5/B14		
	383	44	2.3	3.66	CMG022	B5/B14		255	79	1.9	5.48				B5/B14		
	316	54	1.9	4.43						222	91			2.0	6.31		B5/B14
	257	66	1.5	5.45						177	114			1.6	7.93		B5/B14
	189	90	1.3	7.39						154	131			1.4	9.08		B5/B14
	160	106	1.1	8.78						128	157			1.1	10.93		B5/B14
	141	120	1.0	9.93						111	182			1.4	12.60		B5/B14
	116	146	1.4	12.05				105	192	1.3	13.30				B5/B14		
	106	160	1.2	13.21				91.5	220	1.3	15.30				B5/B14		
	94.6	179	1.1	14.81				76.9	262	1.1	18.21				B5/B14		
					CMG032	B5/B14		72.8	277	1.0	19.24				B5/B14		
	374	45	3.3	3.74						66.2	305			0.9	21.15		B5/B14
	311	55	2.7	4.50						56.0	360			0.8	24.99		B5/B14
	255	66	2.3	5.48													
	222	76	2.4	6.31						374	54			4.3	3.74	CMG042	B5/B14
	177	96	1.9	7.93						311	65	3.5	4.50		B5/B14		
	154	110	1.6	9.08						255	79	2.9	5.48		B5/B14		
	128	132	1.4	10.93						222	91	2.9	6.31		B5/B14		
	111	153	1.6	12.60						177	114	2.3	7.93		B5/B14		
	105	161	1.6	13.30						154	131	2.1	9.08		B5/B14		
	91.5	185	1.5	15.30				128	157	1.8	10.93		B5/B14				
	76.9	221	1.3	18.21				111	182	1.9	12.60		B5/B14				
	72.8	233	1.2	19.24				105	192	1.8	13.30		B5/B14				
	66.2	256	1.1	21.15				91.5	220	1.9	15.30		B5/B14				
	56.0	303	1.0	24.99				76.9	262	1.6	18.21		B5/B14				
	45.8	370	0.8	30.57				72.8	277	1.5	19.24		B5/B14				
					CMG042	B5/B14		56.0	360	1.4	24.99		B5/B14				
	374	45	5.1	3.74						45.8	440	1.1	30.57		B5/B14		
	311	55	4.2	4.50						40.8	494	1.0	34.30		B5/B14		
	255	66	3.5	5.48						36.2	557	0.9	38.63		B5/B14		
	222	76	3.4	6.31													
	177	96	2.7	7.93													
	154	110	2.5	9.08													
	128	132	2.1	10.93													
	111	153	2.3	12.60													
	105	161	2.2	13.30													
	91.5	185	2.3	15.30													
	76.9	221	1.9	18.21													
	72.8	233	1.8	19.24													





Таблицы выбора

Technical data

P <sub>1</sub> [кВт]	n <sub>2</sub> [об/мин]	M <sub>2</sub> [Нм]	sf	i		
-------------------------	----------------------------	------------------------	----	---	---	---

P <sub>1</sub> [кВт]	n <sub>2</sub> [об/мин]	M <sub>2</sub> [Нм]	sf	i		
-------------------------	----------------------------	------------------------	----	---	---	---

**2.2**

100LA4 (1400 об/мин)	371	54	7.5	3.78	CMG052	B5/B14	
	292	69	5.9	4.80		B5/B14	
	241	84	4.9	5.82		B5/B14	
	210	96	4.9	6.68		B5/B14	
	167	121	3.9	8.37		B5/B14	
	153	132	3.9	9.16		B5/B14	
	141	143	3.6	9.90		B5/B14	
	120	168	3.8	11.64		B5/B14	
	106	191	3.3	13.25		B5/B14	
	99.2	203	3.7	14.11		B5/B14	
	86.4	233	3.2	16.20		B5/B14	
	68.9	293	2.6	20.31		B5/B14	
	58.3	346	2.6	24.02		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			

**4**

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	B5/B14			
72.8	504	0.8	19.24	B5/B14			
56.0	655	0.8	24.99	B5/B14			
371	99	4.1	3.78	CMG052	B5/B14		
292	126	3.3	4.80		B5/B14		
241	152	2.7	5.82		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		

**3**

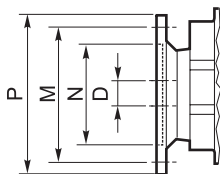
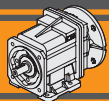
100LB4 (1400 об/мин)	374	74	2.0	3.74	CMG032	B5/B14	
	311	88	1.7	4.50		B5/B14	
	255	108	1.4	5.48		B5/B14	
	222	124	1.5	6.31		B5/B14	
	177	156	1.2	7.93		B5/B14	
	154	178	1.0	9.08		B5/B14	
	128	215	0.8	10.93		B5/B14	
	111	248	1.0	12.60		B5/B14	
	105	261	1.0	13.30		B5/B14	
	91.5	301	0.9	15.30		B5/B14	
	374	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	B5/B14			
72.8	378	1.1	19.24	B5/B14			
56.0	491	1.0	24.99	B5/B14			
45.8	601	0.8	30.57	B5/B14			
371	74	5.5	3.78	CMG052	B5/B14		
292	94	4.3	4.80		B5/B14		
241	114	3.6	5.82		B5/B14		
210	131	3.6	6.68		B5/B14		
167	164	2.9	8.37		B5/B14		
153	180	2.8	9.16		B5/B14		
141	195	2.6	9.90		B5/B14		
120	229	2.8	11.64		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	

**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



	IEC	N	M	P	D	i (передаточное число / ratio)																		
						5.03	6.1	7.49	8.99	10.16	12.07	13.4	15.14	18.17	21.58	23.51	25.1	27.08	32.49	42.04	44.89	48.86		
CMG002	80B5	130	165	200	19																			
	80B14	80	100	120																				
	71B5	110	130	160	14																			
	71B14	70	85	105																				
	63B5	95	115	140	11	B																		
	63B14	60	75	90																				
	56B5	80	100	120	9	BS																		
56B14	50	65	80																					
						3.82	4.63	5.69	7.72	9.17	9.81	11.50	11.90	13.80	14.62	17.86	19.07	19.83	23.56	29.56	35.47	45.89	49.00	53.33
CMG012	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																		
						46.61	55.36	63.22	75.08	89.17	113.05	134.27	173.72	202.16	261.57	304.00	393.33							
CMG013	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																		
						3.66	4.43	5.45	7.39	8.78	9.93	11.01	12.05	13.21	14.81	17.10	18.26	20.08	23.85	29.93	35.91	46.46	49.61	54.00
CMG022	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																		
						47.19	56.05	64.01	76.02	90.29	114.46	135.95	175.89	204.69	264.84	307.80	398.25							
CMG023	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																		

**ВНИМАНИЕ**

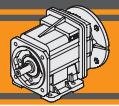
Цветом выделены возможные варианты соединений редукторов с моторами в зависимости от габарита редуктора и его передаточного числа.

**B/BS** = Необходимо применение переходной втулки

**N.B.**

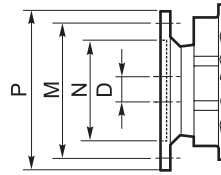
Highlighted areas indicate motor inputs available on each size of unit.

**B/BS** = Metal shaft sleeve.



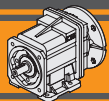
Соединительные адаптеры для моторов IEC

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	24.99	30.57	34.20	38.63	44.18	51.30	60.80												
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														
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														
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																															
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															
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														



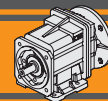
Габаритные размеры

Dimensions

CMG CMGIS	A	B	I	j	LM	LR	Входной вал / Input shaft					Выходной вал / Output shaft					Вес / Weight [кг]	
							D <sub>1</sub> h6	E <sub>1</sub>	F <sub>1</sub>	G <sub>1</sub>	T <sub>1</sub>	D <sub>2</sub> h6	E <sub>2</sub>	F <sub>2</sub>	G <sub>2</sub>	T <sub>2</sub>	CMG	CMGIS
002	92	81.5	0	44	143 <sup>1)</sup> 153 <sup>2)</sup>	140	14	30	5	M6	16	16 20	40	5 6	M6	18 22.5	2.9 <sup>1)</sup> 3.2 <sup>2)</sup>	3.0
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
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
052	190	157	20	88	307.5	286.5	28	60	8	M10	31	40	80	12	M16	43	37.5	37.8
053			68		380	373											19	40

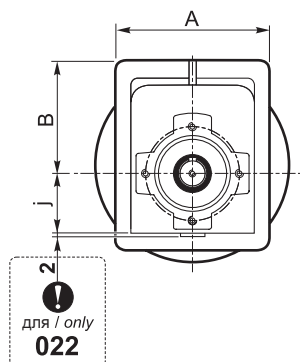
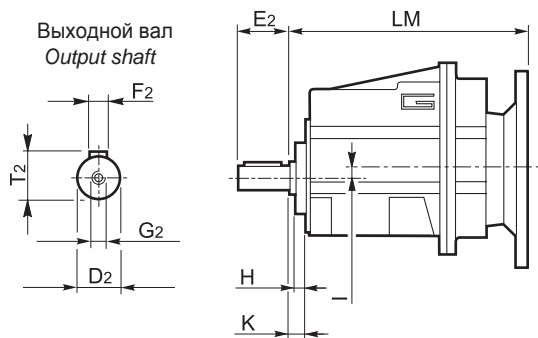
<sup>1)</sup> IEC 63/71, <sup>2)</sup> IEC 80

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

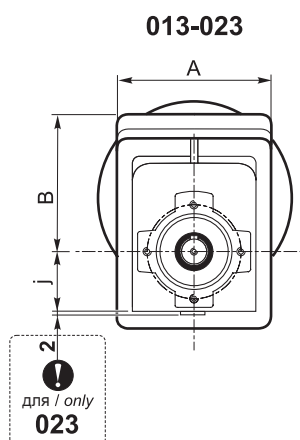
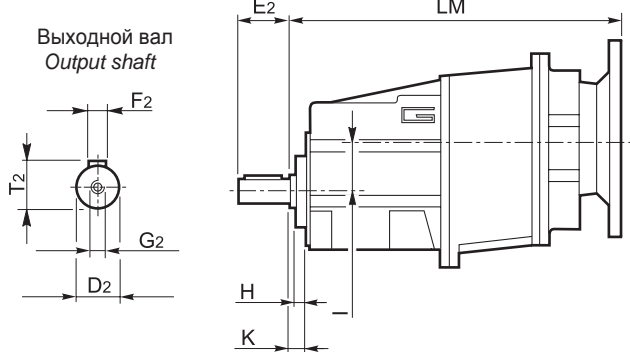


CMG..U

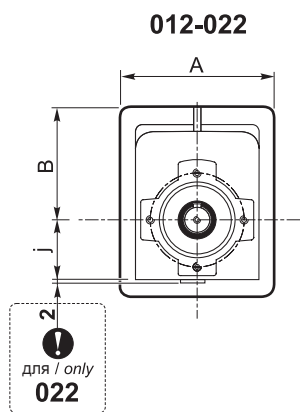
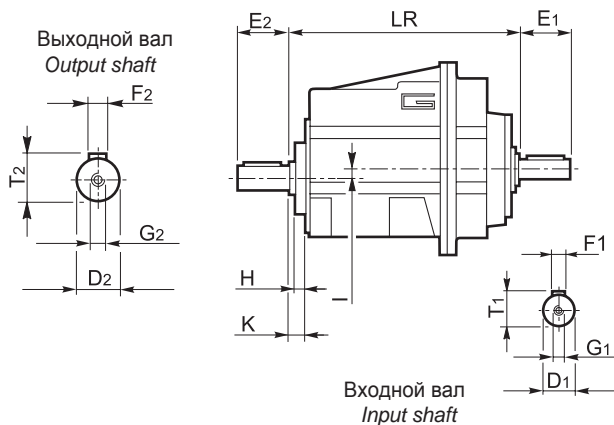
CMG..2 U



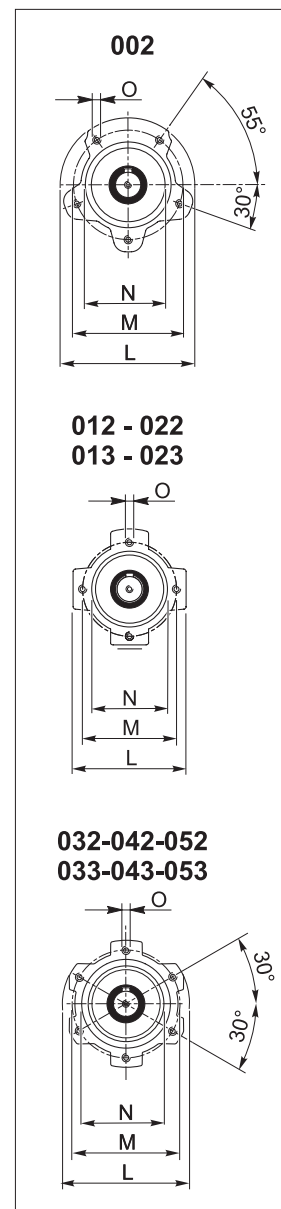
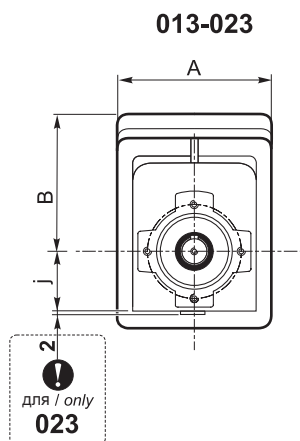
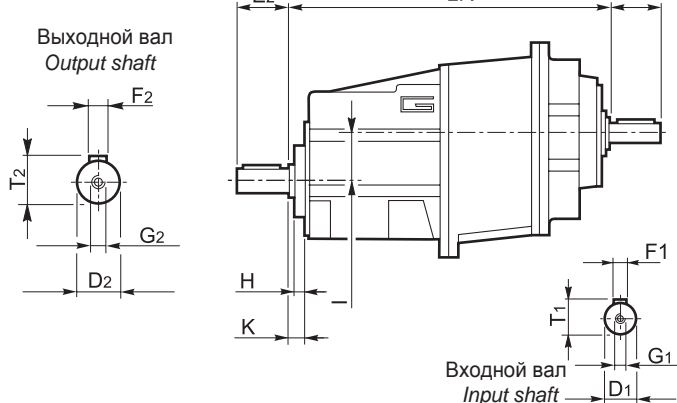
CMG..3 U

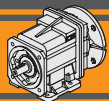


CMGIS..2 U



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 <sub>1</sub> h6	E <sub>1</sub>	F <sub>1</sub>	G <sub>1</sub>	T <sub>1</sub>	D <sub>2</sub> h6	E <sub>2</sub>	F <sub>2</sub>	G <sub>2</sub>	T <sub>2</sub>	CMG	CMGIS
<b>002</b>	92	81.5	0	143 <sup>1)</sup> 153 <sup>2)</sup>	140	14	30	5	M6	16	16 20	40	5 6	M6	18 22.5	2.9 <sup>1)</sup> 3.2 <sup>2)</sup>	3.0
<b>012</b>	124	93	6.5	195	187	16	40	5	M6	18	20	40	6	M6	22.5	5.3	5.0
<b>013</b>		112	43	268	260											7.8	7.5
<b>022</b>	124	98	11.5	205	197	16	40	5	M6	18	25	50	8	M8	28	6.2	5.9
<b>023</b>		117	48	278	270											8.7	8.4
<b>032</b>	156	118	5	237	229.5	19	40	6	M6	21.5	30	60	8	M10	33	11.3	11.2
<b>033</b>			41.5	303	295	16		5		18						13.6	13.3
<b>042</b>	156	128	15	250	242.5	19	40	6	M6	21.5	35	70	10	M12	38	13.2	13.1
<b>043</b>			51.5	316	308	16		5		18						15.5	15.2
<b>052</b>	190	157	20	307.5	286.5	28	60	8	M10	31	40	80	12	M16	43	37.5	37.8
<b>053</b>			68	380	373	19	40	6	M6	21.5						42.0	42.3

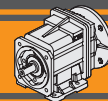
<sup>1)</sup> IEC 63/71, <sup>2)</sup> IEC 80

\* Версия **U** / **U Version**

**Версия H / H Version**

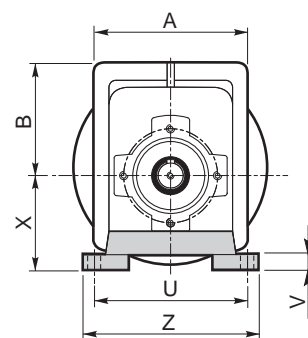
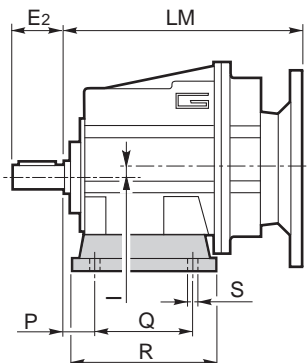
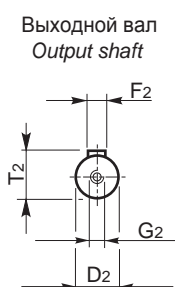
CMG CMGIS	P	Q	R	S	U	V	X	Z	Лапы / Foot	
									Тип / Type	Вес / Weight [кг]
<b>002</b>	<b>18</b>	<b>60</b>	<b>80</b>	<b>9</b>	<b>100</b>	<b>10</b>	<b>60</b>	<b>120</b>	<b>H60</b>	<b>0.2</b>
	18	80	104	9	110 - 120	10	75	145	H75	0.3
	18	50 - 87	110	9	110	10	85	135	H85	0.4
<b>012</b> <b>013</b>	<b>20</b>	<b>85</b>	<b>108</b>	<b>9</b>	<b>115</b>	<b>12</b>	<b>65</b>	<b>139</b>	<b>H65</b>	<b>0.7</b>
	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	60 - 107.5	135	11	130	12	100	155	H100	1.7
<b>022</b> <b>023</b>	<b>20</b>	<b>85</b>	<b>108</b>	<b>9</b>	<b>115</b>	<b>12</b>	<b>65</b>	<b>139</b>	<b>H65</b>	<b>0.7</b>
	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	60 - 107.5	135	11	130	12	100	155	H100	1.7
<b>032</b> <b>033</b>	<b>30</b>	<b>105</b>	<b>136</b>	<b>14</b>	<b>160</b>	<b>14</b>	<b>95</b>	<b>194</b>	<b>H95</b>	<b>1.5</b>
	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
<b>042</b> <b>043</b>	<b>30</b>	<b>105</b>	<b>136</b>	<b>14</b>	<b>160</b>	<b>14</b>	<b>95</b>	<b>194</b>	<b>H95</b>	<b>1.5</b>
	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
<b>052</b> <b>053</b>	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

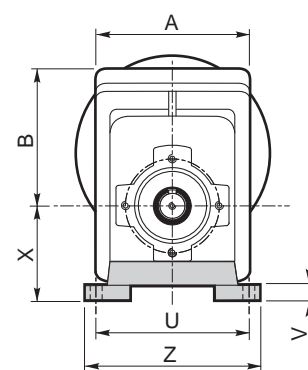
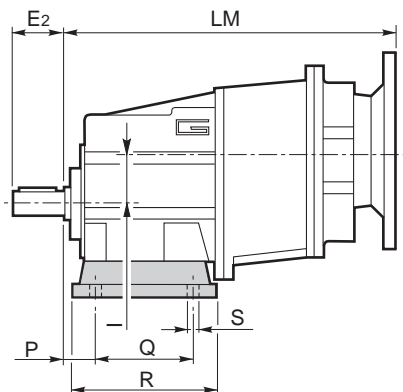
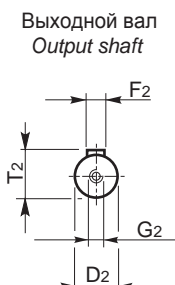


**CMG..H**

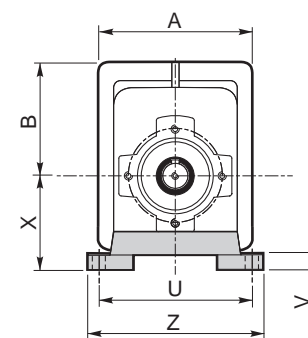
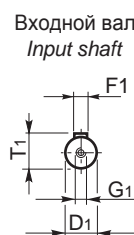
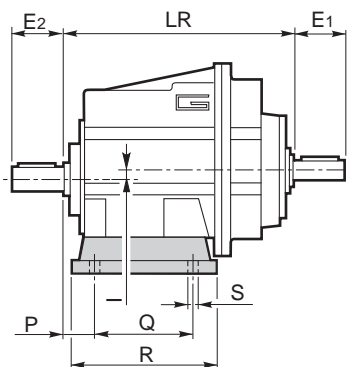
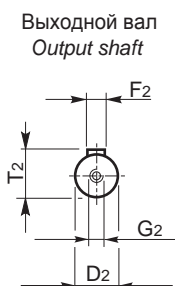
**CMG..2 H..**



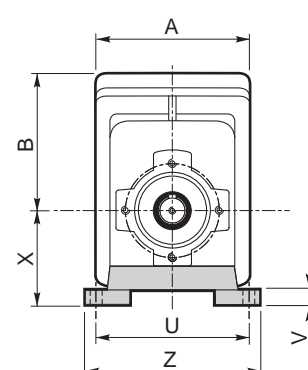
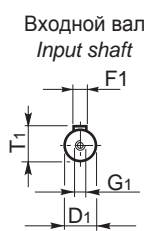
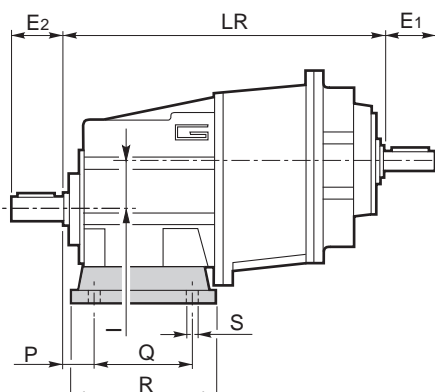
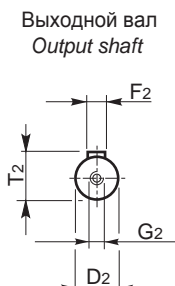
**CMG..3 H..**



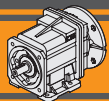
**CMGIS..2 H..**



**CMGIS..3 H..**



CMG


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

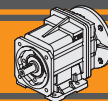
CMG CMGIS	A	B	I	LM	LR	Входной вал / Input shaft					Выходной вал / Output shaft					*Вес / Weight [кг]	
						D <sub>1</sub> h6	E <sub>1</sub>	F <sub>1</sub>	G <sub>1</sub>	T <sub>1</sub>	D <sub>2</sub> h6	E <sub>2</sub>	F <sub>2</sub>	G <sub>2</sub>	T <sub>2</sub>	CMG	CMGIS
<b>002</b>	92	81.5	0	143 <sup>1)</sup> 153 <sup>2)</sup>	140	14	30	5	M6	16	16 20	40	5 6	M6	18 22.5	2.9 <sup>1)</sup> 3.2 <sup>2)</sup>	3.0
<b>012</b>	124	93	6.5	195	187	16	40	5	M6	18	20	40	6	M6	22.5	5.3	5.0
<b>013</b>		112	43	268	260											7.8	7.5
<b>022</b>	124	98	11.5	205	197	16	40	5	M6	18	25	50	8	M8	28	6.2	5.9
<b>023</b>		117	48	278	270											8.7	8.4
<b>032</b>	156	118	5	237	229.5	19	40	6	M6	21.5	30	60	8	M10	33	11.3	11.2
<b>033</b>			41.5	303	295	16		5		18						13.6	13.3
<b>042</b>	156	128	15	250	242.5	19	40	6	M6	21.5	35	70	10	M12	38	13.2	13.1
<b>043</b>			51.5	316	308	16		5		18						15.5	15.2
<b>052</b>	190	157	20	307.5	286.5	28	60	8	M10	31	40	80	12	M16	43	37.5	37.8
<b>053</b>			68	380	373	19										40	6

<sup>1)</sup> IEC 63/71, <sup>2)</sup> IEC 80

\* Версия **U** / **U Version**

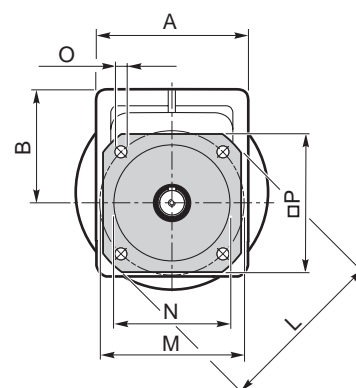
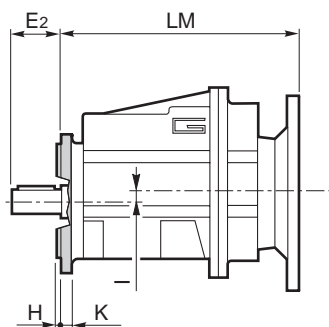
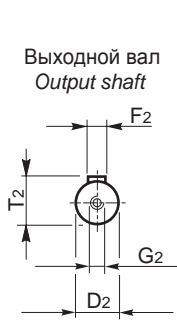
Версия <b>F</b> / <b>F Version</b>									
CMG CMGIS	H	K	L	M	N f7	O	P	Фланец / Flange	
								Тип / Type	Вес / Weight [кг]
<b>002</b>	3.5	7	105	85	70	6.5	90	<b>F105</b>	0.1
	3.5	8	120	100	80	7	100	<b>F120</b>	0.2
	3.5	8	140	115	95	9	115	<b>F140</b>	0.2
<b>012</b> <b>013</b>	3	9	120	100	80	9	106	<b>F120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



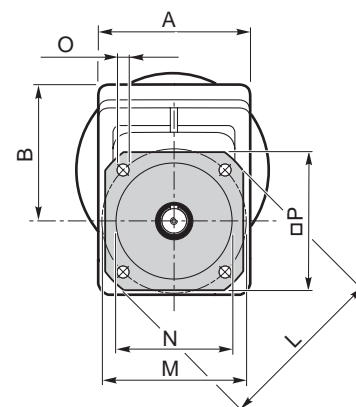
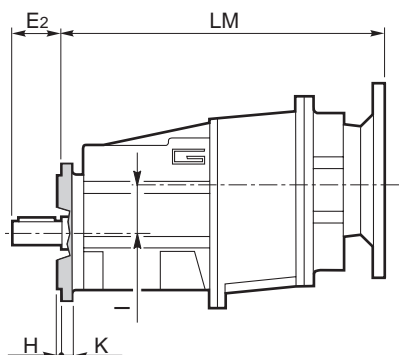
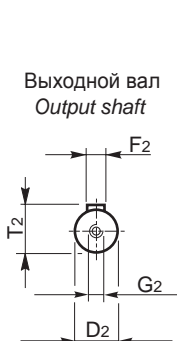


**CMG..F**

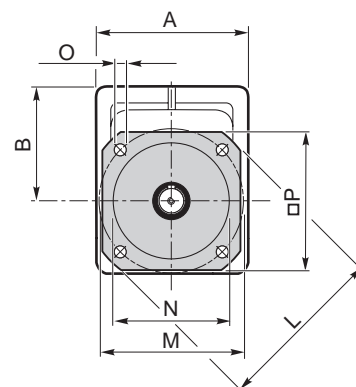
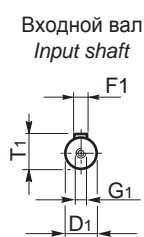
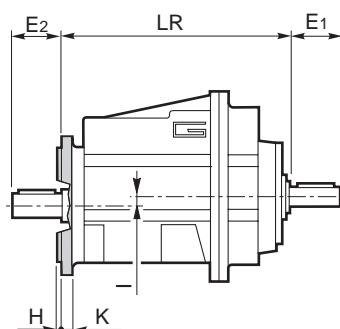
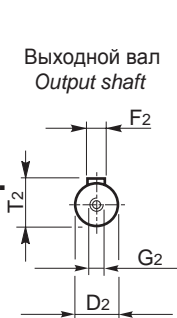
**CMG..2 F..**



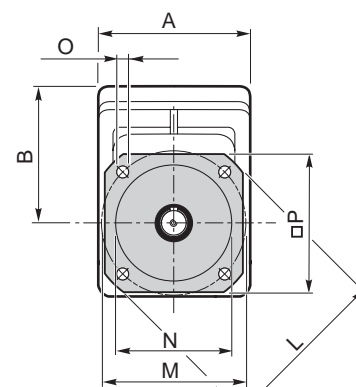
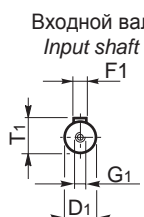
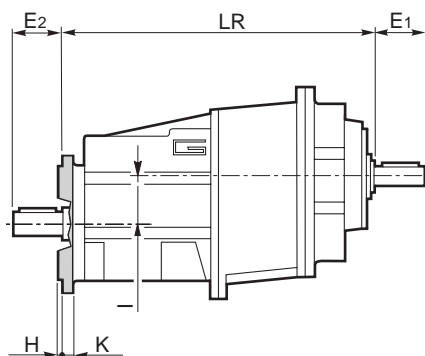
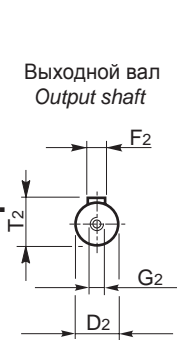
**CMG..3 F..**



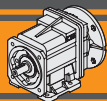
**CMGIS..2 F..**



**CMGIS..3 F..**



CMG



**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 <sub>1</sub> h6	E <sub>1</sub>	F <sub>1</sub>	G <sub>1</sub>	T <sub>1</sub>	D <sub>2</sub> h6	E <sub>2</sub>	F <sub>2</sub>	G <sub>2</sub>	T <sub>2</sub>	CMG	CMGIS			
<b>002</b>	92	81.5	0	143 <sup>1)</sup> 153 <sup>2)</sup>	140	14	30	5	M6	16	16	20	40	5	6	M6	18	22.5	2.9 <sup>1)</sup> 3.2 <sup>2)</sup>	3.0
<b>012</b> <b>013</b>	124	93 112	6.5 43	195 268	187 260	16	40	5	M6	18	18	20	40	6	M6	22.5	22.5	5.3 7.8	5.0 7.5	
<b>022</b> <b>023</b>	124	98 117	11.5 48	205 278	197 270	16	40	5	M6	18	18	25	50	8	M8	28	28	6.2 8.7	5.9 8.4	
<b>032</b> <b>033</b>	156	118	5 41.5	237 303	229.5 295	19 16	40	6 5	M6	21.5 18	18	30	60	8	M10	33	33	11.3 13.6	11.2 13.3	
<b>042</b> <b>043</b>	156	128	15 51.5	250 316	242.5 308	19 16	40	6 5	M6	21.5 18	18	35	70	10	M12	38	38	13.2 15.5	13.1 15.2	
<b>052</b> <b>053</b>	190	157	20 68	307.5 380	286.5 373	28 19	60 40	8 6	M10 M6	31 21.5	21.5	40	80	12	M16	43	43	37.5 42.0	37.8 42.3	

<sup>1)</sup> IEC 63/71, <sup>2)</sup> IEC 80

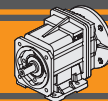
\* Версия U / U Version

CMG CMGIS	Версия H / H Version									Возможные комбинации H/F Possible combinations H/F							
	P	Q	R	S	U	V	X	Z	Лапы / Foot		F105	F120	F140	F160	F200	F250	F300
									Тип Type	Вес / Weight [кг]							
<b>002</b>	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	•	•	•				
<b>012</b> <b>013</b>	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		•	•	•	•		
<b>022</b> <b>023</b>	18	60 - 107.5	135	11	130	12	100	155	H100	1.7		•	•	•	•		
	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		•	•	•			
<b>032</b> <b>033</b>	25	130	154	9	110	12	90	135	H90	1.5		•	•	•	•		
	18	60 - 107.5	135	11	130	12	100	155	H100	1.7		•	•	•	•		
	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		160									•	•		
<b>042</b> <b>043</b>	30	165	195	14	135	14	115	170	H115	2.2			•	•	•		
	35	110	160	14	170	14	120	210	H120	2.6			•	•	•		
	30	105	136	14	160	14	95	194	H95	1.5			•	•			
	30	100	150	11	150	14	110	185	H110	1.9			•	•			
<b>052</b> <b>053</b>	18	70	160		160									•	•		
	30	165	195	14	135	14	115	170	H115	2.2			•	•	•		
	35	110	160	14	170	14	120	210	H120	2.6			•	•	•		
	35	145	199	18	200	22	120	239	H120	3.5					•		
<b>052</b> <b>053</b>	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

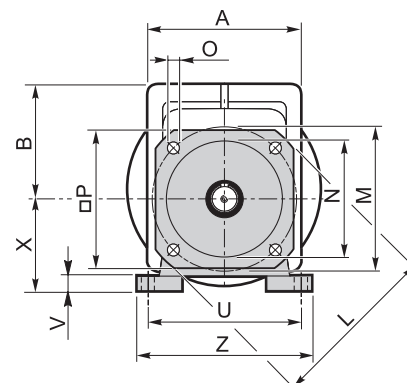
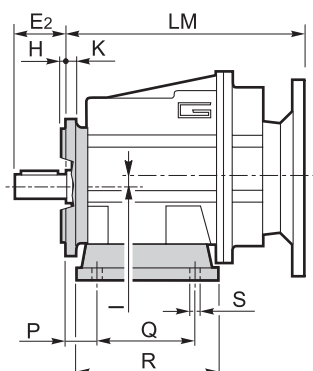
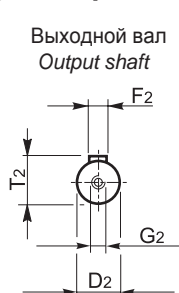
• Возможные комбинации H/F / Possible combinations H/F

CMG CMGIS	Версия F / F Version								Фланец / Flange	
	H	K	L	M	N f7	O	P	Тип / Type		
								Тип / Type	Вес / Weight [кг]	
<b>002</b>	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	
<b>012</b> <b>013</b>	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	
<b>022</b> <b>023</b>	3.5	11	200	165	130	11	165	F200	1.8	
	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	
<b>032</b> <b>033</b>	3.5	11	200	165	130	11	165	F200	1.8	
	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	
<b>042</b> <b>043</b>	3.5	11	200	165	130	11	165	F200	1.8	
	3.5	11	200	165	130	11	165	F200	1.8	
	4	13	250	215	150	14	215	F250	2.9	
<b>052</b> <b>053</b>	4	13	250	215	150	14	215	F250	2.9	
	4	13	300	265	230	14	265	F300	4.4	

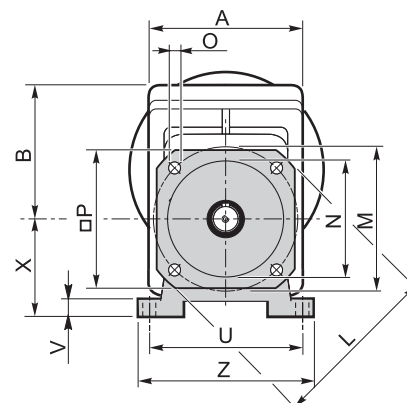
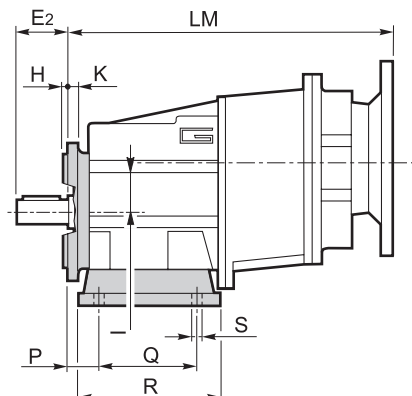
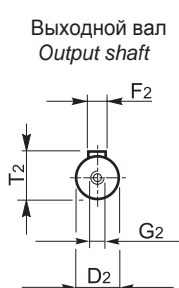


**CMG..H../F..**

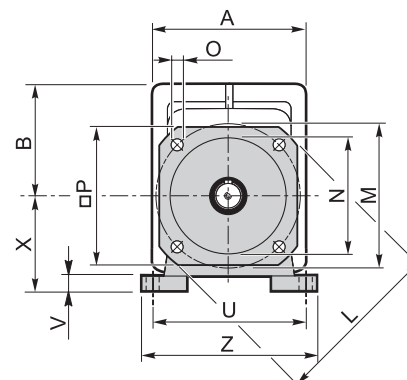
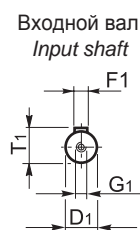
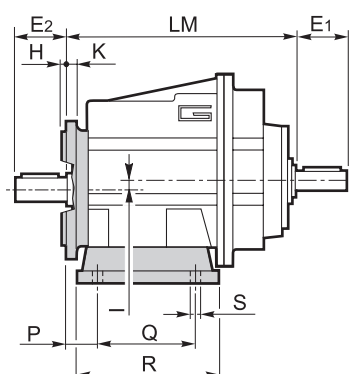
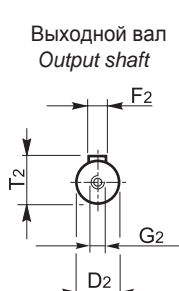
**CMG..2 H../F..**



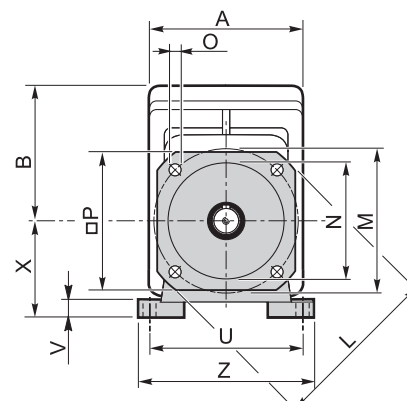
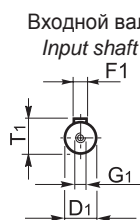
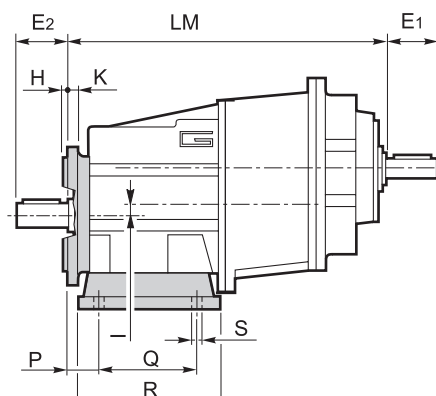
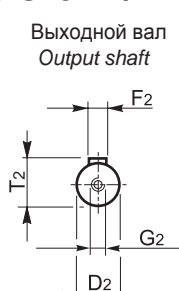
**CMG..3 H../F..**



**CMGIS..2 H../F..**



**CMGIS..3 H../F..**



# TRANSTECNO™

THE MODULAR GEARMOTOR

[www.transtecno.com.ua](http://www.transtecno.com.ua)  
[www.transtecno.com](http://www.transtecno.com)

Официальный дистрибьютор TRANSTECNO в Украине



Украина, 03680, г. Киев, б-р И. Лепсе, 4.  
Т. (0-44) 496-18-88, ф. 496-18-18. [office@sv-altera.com](mailto:office@sv-altera.com)

#### Винница

т. (0-432) 52-30-13  
ф. (0-432) 52-30-98  
[svaltera@utel.net.ua](mailto:svaltera@utel.net.ua)

#### Днепропетровск

т. (0-56) 745-68-35, 374-66-86  
ф. (0-562) 36-87-78  
[svaltera@a-teleport.com](mailto:svaltera@a-teleport.com)

#### Донецк

т./ф. (0-62) 385-35-96, 385-35-97,  
348-12-39, м. 095-480-00-26  
[office@svaltera.dn.ua](mailto:office@svaltera.dn.ua)

#### Житомир

т. (0-412) 48-03-76, 48-03-77  
[zhitomir@svaltera.ua](mailto:zhitomir@svaltera.ua)

#### Запорожье

т. (0-61) 224-34-80,  
701-11-49, 222-48-55  
ф. (0-61) 222-48-56  
[svaltera\\_zp@svaltera.ua](mailto:svaltera_zp@svaltera.ua)

#### Ивано-Франковск

т./ф. (0-342) 72-21-22,  
72-32-33  
[i-f@svaltera.ua](mailto:i-f@svaltera.ua)

#### Кировоград

т./ф. (0-522) 33-93-44,  
27-31-43  
м. 068-461-89-80  
[kirovograd@svaltera.ua](mailto:kirovograd@svaltera.ua)

#### Кременчуг

т. (0-5366) 4-86-67  
ф. (0-5366) 4-13-79  
[kremenchug@svaltera.ua](mailto:kremenchug@svaltera.ua)

#### Кривой Рог

т. (0-56) 409-32-89  
[svaltera\\_kr@optima.com.ua](mailto:svaltera_kr@optima.com.ua)

#### Львов

т./ф. (0-32) 297-66-90  
[svaltera@svaltera.lviv.ua](mailto:svaltera@svaltera.lviv.ua)

#### Луганск

т./ф. (0-642) 93-72-50, 93-72-95  
м. 095-479-89-85  
[svaltera\\_lg@svaltera.ua](mailto:svaltera_lg@svaltera.ua)

#### Николаев

т. (0-512) 58-08-12, 58-06-41  
ф. (0-512) 58-06-33  
[svaltera\\_nik@mksat.net](mailto:svaltera_nik@mksat.net)

#### Одесса

т./ф. (0-482) 33-28-60, 33-28-61  
(0-48) 732-12-77  
[office@sv-altera.od.ua](mailto:office@sv-altera.od.ua)

#### Ровно

т. (0-362) 69-05-35  
ф. (0-362) 69-05-27  
[svaltera@rivne.com](mailto:svaltera@rivne.com)

#### Сумы

т. (0-542) 77-55-79, 77-55-82  
[svaltera\\_sm@svaltera.ua](mailto:svaltera_sm@svaltera.ua)  
[svaltera@meta.ua](mailto:svaltera@meta.ua)

#### Харьков

т. (0-57) 758-72-91, 758-62-12  
[svaltera\\_kh@svaltera.ua](mailto:svaltera_kh@svaltera.ua)

#### Черкассы

т./ф. (0-472) 63-96-45  
т. (0-472) 63-55-23, 56-94-37  
[cherkassy@svaltera.ua](mailto:cherkassy@svaltera.ua)

#### Кишинёв (республика Молдова)

т./ф. (+37322) 844-688  
т: (+37322) 92-11-71, 92-12-72  
[www.electroimport.md](http://www.electroimport.md)

[www.svaltera.ua](http://www.svaltera.ua)