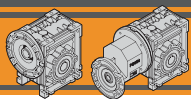


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Этот раздел заменяет все предыдущие версии и обновления. Если Вы получили каталог не через наших дистрибьюторов - не гарантируется, что этот каталог самой последней версии. Самая свежая версия всегда доступна на нашем сайте www.transtecno.com

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CM/CMP ЧЕРВЯЧНЫЕ РЕДУКТОРЫ WORMGEARBOXES

Технические характеристики

Technical features

Особенностью червячных редукторов серий CM и CMP является высокая степень модульности и большой выбор входных и выходных принадлежностей.

Основные характеристики серий CM и CMP:

- Литой алюминиевый корпус для габаритов 026, 030, 040, 050, 063, 075, 090 и 110. Чугунный корпус для 130 габарита;
- Двойной конический роликовый подшипник для 090, 100 и 130 габаритов;
- Литой алюминиевый корпус цилиндрической ступени;
- Синтетическая долговечная смазка.

The high degree of modularity is a design feature of CM and CMP wormgearboxes range tank to a wide selection of input and output kits.

Main features of CM and CMP range are:

- Die-cast aluminum housing on sizes 026, 030, 040, 050, 063, 075, 090 and 110. Cast iron housing on size 130;
- Double taper roller bearing on sizes 090, 110 and 130;
- Die-cast aluminum housing on pre-stage units;
- Permanent synthetic oil long-life lubrication.

Маркировка

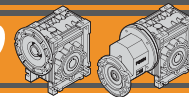
Designation

ЧЕРВЯЧНЫЕ РЕДУКТОРЫ / WORMGEARBOXES

РЕДУКТОР / GEARBOX										
CM	050	U	10	71	B5	SZDX	BRSX	90	B3	VS
Тип Type	Габарит Size	Версия Gearbox Version	Передаточное число Ratio	IEC 	Тип фланца Version	Выходной вал Output shaft	Удерживающий рычаг Torque arm	Угол Angle	Монтажная позиция Mounting position	Опции Options
CM 	026 030 040 050 063 075 090 110 130	U FD FS FLD FLS FBD FBS	См. таблицу <i>See tables</i>	56.. — 132..	B5 B14	SZDX SZSX DZ	BRDX BRSX	0° 90° 180° 270°	B3 B8 B6 B7 V5 V6	VS

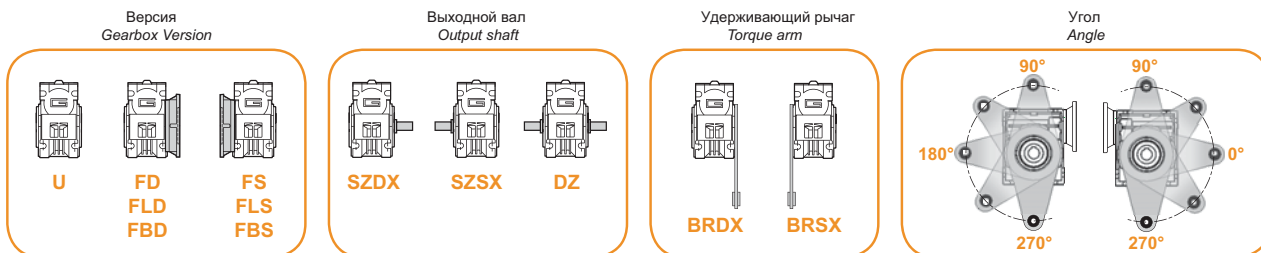
ЧЕРВЯЧНЫЕ РЕДУКТОРЫ С ЦИЛИНДРИЧЕСКОЙ СТУПЕНЬЮ / PRE-STAGE WORMGEARBOXES

РЕДУКТОР / GEARBOX										
CMP	063/050	U	90	71	B14	SZDX	BRSX	90	B3	VS
Тип Type	Габарит Size	Версия Gearbox Version	Передаточное число Ratio	IEC 	Тип фланца Version	Выходной вал Output shaft	Удерживающий рычаг Torque arm	Угол Angle	Монтажная позиция Mounting position	Опции Options
CMP 	056/030 056/040 063/040 063/050 063/063 071/050 071/063 071/075 071/090 080/063 080/090 080/110 080/130	U FD FS FLD FLS FBD FBS	Vedere tabella <i>See tables</i>	56.. — 80..	B14	SZDX SZSX DZ	BRDX BRSX	0° 90° 180° 270°	B3 B8 B6 B7 V5 V6	VS



Маркировка

Designation



ДВИГАТЕЛЬ CM / CM 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 (стандарт) T2 T3 T4

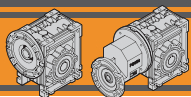
CM/CMP

Обозначения

Symbols

n_1	[min ⁻¹]	Скорость на входе / <i>Input speed</i>	sf	Сервис фактор / <i>Service factor</i>
n_2	[min ⁻¹]	Скорость на выходе / <i>Output speed</i>	Rd	% Динамическая эффективность / <i>Dynamic efficiency</i>
i		Передаточное отношение / <i>Ratio</i>	Rs	% Статическая эффективность / <i>Static efficiency</i>
P_1	[kW]	Номинальная мощность двигателя / <i>Nominal input power</i>	R_2	[N] Радиальная нагрузка / <i>Permitted output radial load</i>
M_2	[Nm]	Вых. момент при мощности P_1 / <i>Output torque referred to P_1</i>	A_2	[N] Осевая нагрузка / <i>Permitted output axial load</i>
P_{n1}	[kW]	Номинальная входная мощность / <i>Nominal input power</i>	Z	Число зацепления червячной передачи / <i>Worm starts</i>
M_{n2}	[Nm]	Номинальный вых. момент при мощности P_{n1} / <i>Nominal output torque referred to P_{n1}</i>	β	Угол наклона линии зуба / <i>Helix angle</i>

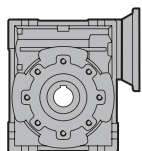




CM/CMP ЧЕРВЯЧНЫЕ РЕДУКТОРЫ WORMGEARBOXES

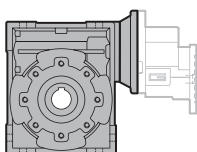
Смазка

Lubrication



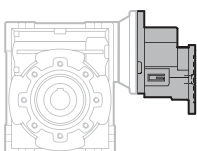
CM	Количество смазки (литры) / Oil quantity (liters)					
	B3	B8	B6	B7	V5	V6
026				0.02		
030				0.04		
040				0.07		
050				0.1		
063				0.25		
075				0.3		
090				0.85		
110				1.5		
130	4.5	3.3	3.5	3.5	4.5	3.3

На весь срок эксплуатации
Life lubricated



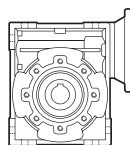
CMP	Количество смазки (литры) / Oil quantity (liters)					
	B3	B8	B6	B7	V5	V6
056/030				0.04		
056/040 - 063/040				0.07		
063/050 - 071/050				0.1		
063/063 - 071/063 - 080/063				0.25		
071/075 - 080/075				0.3		
071/090 - 080/090				0.85		
080/110				1.5		
080/130	4.5	3.3	3.5	3.5	4.5	3.3

На весь срок эксплуатации
Life lubricated

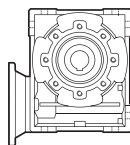


CMP			
056/030 056/040	063/040 063/050 063/063	071/050 071/063 071/075 071/090	080/063 080/075 080/090 080/110 080/130
На весь срок эксплуатации Life lubricated			

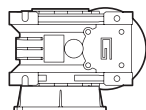
Монтажные позиции / Mounting positions



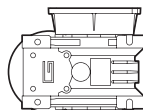
B3
(Стандарт)



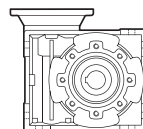
B8



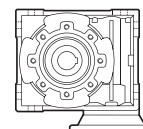
B6



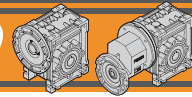
B7



V5

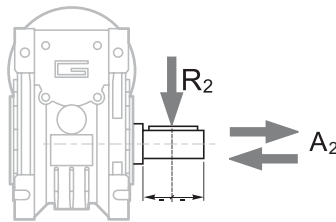


V6



Радиальные нагрузки

Radial loads



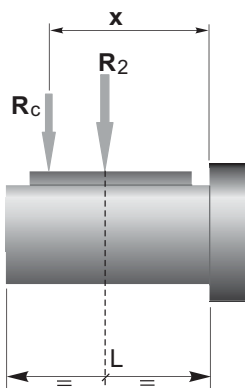
$$A_2 = R_2 \times 0.2$$

n ₂ [min ⁻¹]	R ₂ [N]								
	CM026	CM030	CM040	CM050	CM063	CM075	CM090	CM110	CM130
187	400	674	1264	1770	2445	2824	3161	5058	5732
140	490	743	1392	1949	2692	3110	3481	5570	6313
93	580	851	1596	2234	3085	3564	3990	6384	7235
70	610	936	1754	2456	3392	3918	4386	7018	7953
56	610	1008	1890	2646	3654	4221	4725	7560	8567
47	610	1069	2004	2805	3874	4475	5009	8014	9083
35	610	1179	2210	3095	4273	4937	5526	8842	10021
28	610	1270	2381	3334	4603	5318	5953	9524	10794
23	610	1356	2542	3559	4915	5678	6356	10170	11526
18	610	1471	2759	3862	5334	6162	6897	11036	12507
14	610	1600	3000	4200	5800	6700	7500	12000	13600
	CMP... /030	CMP... /040	CMP... /050	CMP... /063	CMP... /075	CMP... /090	CMP... /110	CMP... /130	

CM/CMP

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:



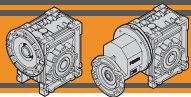
	CM	CM / CMP							
	026	030	040	050	063	075	090	110	130
a	56	65	84	101	120	131	182	176	188
b	43	50	64	76	95	101	122	136	148
R _{2MAX}	610	1600	3000	4200	5800	6700	7500	12000	13600

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

$$R \leq R_c$$

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





Характеристики зубьев

Toothing data

	Данные червячной шестерни Worm wheel data	Передаточное число / Ratio											
		5	7.5	10	15	20	25	30	40	50	60	80	100
СМ026	Z	6	4	3	2	2		1	1	1	1		
	β	34° 35'	24° 41'	19° 1'	12° 57'	10° 30'		6° 33'	5° 17'	4° 26'	3° 49'		
СМ030	Z	6	4	3	2	2	2	1	1	1	1	1	1
	β	27° 4'	24° 28'	18° 50'	12° 49'	10° 23'	8° 43'	6° 29'	5° 14'	4° 23'	3° 46'	2° 57'	2° 25'
СМ040	Z	6	4	3	2	2	2	1	1	1	1	1	1
	β	34° 19'	24° 28'	18° 50'	12° 49'	10° 23'	8° 43'	6° 29'	5° 14'	4° 23'	3° 46'	2° 57'	2° 25'
СМ050	Z		4	3	2	2	2	1	1	1	1	1	1
	β		23° 54'	18° 23'	12° 29'	10° 6'	8° 28'	6° 19'	5° 5'	4° 15'	3° 39'	2° 51'	2° 20'
СМ063	Z		4	3	2	2	2	1	1	1	1	1	1
	β		24° 31'	18° 53'	12° 50'	10° 24'	8° 44'	6° 30'	5° 14'	4° 23'	3° 47'	2° 57'	2° 25'
СМ075	Z		4	3	2	2	2	1	1	1	1	1	1
	β		26° 17'	20° 20'	13° 52'	11° 18'	9° 32'	7° 2'	5° 42'	4° 48'	4° 8'	3° 14'	2° 40'
СМ090	Z		4	3	2	2	2	1	1	1	1	1	1
	β		29° 11'	22° 43'	15° 36'	12° 50'	10° 53'	7° 56'	6° 30'	5° 29'	4° 45'	3° 45'	3° 6'
СМ110	Z		4	3	2	2	2	1	1	1	1	1	1
	β		28° 14'	21° 56'	15° 1'	14° 41'	12° 34'	7° 38'	7° 28'	6° 21'	5° 32'	4° 24'	3° 39'
СМ130	Z		4	3	2	2	2	1	1	1	1	1	1
	β		28° 43'	22° 20'	15° 19'	13° 47'	11° 54'	7° 48'	7° 00'	6° 01'	5° 16'	4° 08'	3° 27'

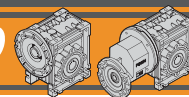
КПД

Efficiency

	n ₁ [об/мин]	КПД Efficiency	Передаточное число / Ratio											
			5	7.5	10	15	20	25	30	40	50	60	80	100
СМ026	2800	Rd	89	87	85	83	80		73	68	64	60		
	1400		87	84	83	78	74		66	61	57	53		
	900		84	83	80	75	71		61	57	52	48		
			Rs	72	71	68	61	56	46	41	36	34		
СМ030	2800	Rd	89	88	86	84	81	78	74	70	65	62	57	52
	1400		86	85	84	79	75	72	67	62	58	55	48	43
	900		84	83	81	75	71	68	62	58	53	49	43	39
			Rs	72	67	63	55	50	43	39	35	31	27	23
СМ040	2800	Rd	90	89	87	84	83	80	77	73	69	66	60	56
	1400		88	86	84	81	78	74	70	65	60	58	52	46
	900		86	84	82	77	74	70	66	60	57	53	46	41
			Rs	74	71	67	60	55	51	45	40	36	32	28
СМ050	2800	Rd		90	88	86	84	82	78	74	71	68	62	58
	1400			87	85	82	79	76	72	67	63	60	54	49
	900			85	84	79	75	72	68	62	59	55	48	43
			Rs		70	66	59	55	51	44	39	35	32	27
СМ063	2800	Rd		90	88	86	84	83	79	76	73	70	65	60
	1400			88	86	84	81	78	75	70	66	63	57	52
	900			86	84	81	78	75	70	65	61	58	52	47
			Rs		71	67	60	55	51	45	40	36	33	28
СМ075	2800	Rd		90	89	87	85	84	81	78	75	72	68	63
	1400			89	87	84	83	80	77	73	69	66	60	56
	900			87	85	83	80	77	73	68	64	61	55	50
			Rs		71	68	61	57	53	46	42	38	35	29
СМ090	2800	Rd		91	90	88	86	85	83	80	78	75	71	67
	1400			90	88	86	84	83	79	76	72	69	64	60
	900			88	87	84	82	80	76	72	68	65	60	55
			Rs		73	70	64	60	56	49	45	41	38	32
СМ110	2800	Rd		90	89	88	87	86	82	81	79	77	73	70
	1400			89	88	86	85	84	80	79	76	73	68	64
	900			88	87	84	83	82	78	75	71	68	63	59
			Rs		72	69	63	62	59	48	46	44	41	36
СМ130	2800	Rd		90	89	88	87	86	82	80	79	77	72	70
	1400			89	88	86	84	83	79	76	75	73	69	64
	900			88	87	84	82	81	77	74	73	70	64	59
			Rs		72	69	62	61	59	49	46	43	39	34




Теоретическое значение КПД на первом периоде эксплуатации
Theoretical efficiency of the gearbox after the first running period





Таблицы выбора


n_1 1400 об/мин


Technical data


	n_2 [min ⁻¹]	Mn_2 [Nm]	Pn_1 [kW]	i
CMIS026				
	280	13	0.44	5
	187	14	0.33	7,5
	140	14	0.25	10
	93	14	0.18	15
	70	14	0.14	20
	47	15	0.11	30
	35	14	0.08	40
	28	13	0.07	50
	23	12	0.06	60


	n_2 [min ⁻¹]	Mn_2 [Nm]	Pn_1 [kW]	i
CMIS030				
	280	18	0.61	5
	187	20	0.46	7,5
	140	21	0.37	10
	93	21	0.26	15
	70	19	0.19	20
	56	20	0.16	25
	47	22	0.16	30
	35	20	0.12	40
	28	19	0.10	50
	23	17	0.08	60
	18	15	0.06	80
	14	14	0.05	100


	n_2 [min ⁻¹]	Mn_2 [Nm]	Pn_1 [kW]	i
CMIS040				
	280	41	1.37	5
	187	44	1.00	7,5
	140	45	0.79	10
	93	45	0.54	15
	70	40	0.38	20
	56	38	0.30	25
	47	48	0.34	30
	35	42	0.24	40
	28	39	0.19	50
	23	36	0.15	60
	18	33	0.12	80
	14	31	0.10	100


	n_2 [min ⁻¹]	Mn_2 [Nm]	Pn_1 [kW]	i
CMIS050				
	187	79	1.8	7,5
	140	82	1.4	10
	93	82	0.98	15
	70	72	0.67	20
	56	70	0.54	25
	47	88	0.60	30
	35	76	0.42	40
	28	72	0.34	50
	23	69	0.28	60
	18	60	0.20	80
	14	56	0.17	100

	n_2 [min ⁻¹]	Mn_2 [Nm]	Pn_1 [kW]	i
CMIS063				
	187	144	3.2	7,5
	140	148	2.5	10
	93	154	1.8	15
	70	136	1.23	20
	56	135	1.0	25
	47	166	1.1	30
	35	142	0.74	40
	28	136	0.60	50
	23	126	0.49	60
	18	118	0.38	80
	14	116	0.33	100

	n_2 [min ⁻¹]	Mn_2 [Nm]	Pn_1 [kW]	i
CMIS075				
	187	219	4.8	7,5
	140	238	4.0	10
	93	249	2.9	15
	70	224	2.0	20
	56	200	1.5	25
	47	269	1.7	30
	35	235	1.2	40
	28	212	0.90	50
	23	210	0.78	60
	18	190	0.58	80
	14	175	0.46	100

	n_2 [min ⁻¹]	Mn_2 [Nm]	Pn_1 [kW]	i
CMIS090				
	187	317	6.9	7,5
	140	354	5.9	10
	93	404	4.6	15
	70	384	3.4	20
	56	342	2.4	25
	47	457	2.8	30
	35	404	1.9	40
	28	357	1.5	50
	23	328	1.2	60
	18	302	0.86	80
	14	278	0.68	100

	n_2 [min ⁻¹]	Mn_2 [Nm]	Pn_1 [kW]	i
CMIS110				
	187	560	12.3	7,5
	140	617	10.3	10
	93	678	7.7	15
	70	661	5.7	20
	56	615	4.3	25
	47	755	4.6	30
	35	716	3.3	40
	28	648	2.5	50
	23	578	1.9	60
	18	523	1.4	80
	14	486	1.1	100

	n_2 [min ⁻¹]	Mn_2 [Nm]	Pn_1 [kW]	i
CMIS130				
	187	750	16.5	7,5
	140	820	13.7	10
	93	910	10.3	15
	70	910	7.9	20
	56	920	6.5	25
	47	1050	6.5	30
	35	1050	5.1	40
	28	970	3.8	50
	23	890	3.0	60
	18	830	2.2	80
	14	735	1.7	100

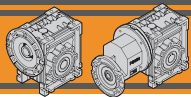
Примечание:

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.



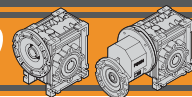


CM/CMP ЧЕРВЯЧНЫЕ РЕДУКТОРЫ WORMGEARBOXES

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				
0.06								0.09								
56A4 (1400 об/мин)	280	2	7.3	5	CM026			56A2 (1400 об/мин)	31	17	1.6	90				
	187	3	5.4	7.5	CM026				28	16	0.7	100	CM030	CMP056/030	B14	
	140	3	4.1	10	CM026				23	21	1.1	120		CMP056/030	B14	
	93	5	2.9	15	CM026				19	24	0.9	150		CMP056/030	B14	
	70	6	2.3	20	CM026											
	47	8	1.9	30	CM026				47	13	3.4	60		CMP056/040	B14	
	35	10	1.4	40	CM026				37	16	2.8	75		CMP056/040	B14	
	28	12	1.1	50	CM026				31	18	3.1	90		CMP056/040	B14	
	23	13	0.9	60	CM026				23	22	2.2	120		CMP056/040	B14	
									19	26	1.8	150		CMP056/040	B14	
	280	2	10.2	5	CM030		B5/B14		16	29	1.5	180		CMP056/040	B14	
	187	3	7.7	7.5	CM030		B5/B14		12	33	1.2	240		CMP056/040	B14	
	140	3	6.1	10	CM030		B5/B14		9.3	37	1.0	300		CMP056/040	B14	
	93	5	4.3	15	CM030		B5/B14									
	70	6	3.1	20	CM030		B5/B14		56B4 (1400 об/мин)	280	3	4.9	5	CM026		B14
	56	7	2.7	25	CM030		B5/B14		187	4	3.6	7.5	CM026		B14	
	47	8	2.7	30	CM030		B5/B14		140	5	2.7	10	CM026		B14	
	35	10	2.0	40	CM030		B5/B14		93	7	1.9	15	CM026		B14	
	28	12	1.6	50	CM030		B5/B14		70	9	1.5	20	CM026		B14	
	23	14	1.3	60	CM030		B5/B14		47	12	1.2	30	CM026		B14	
23	16	1.6	60		CMP056/030	B14	35	15	0.9	40	CM026		B14			
19	19	1.4	75		CMP056/030	B14	28	17	0.7	50	CM026		B14			
18	16	1.0	80	CM030		B5/B14										
16	21	1.5	90		CMP056/030	B14	280	3	6.8	5	CM030		B5/B14			
14	18	0.8	100	CM030		B5/B14	187	4	5.1	7.5	CM030		B5/B14			
12	26	1.1	120		CMP056/030	B14	140	5	4.1	10	CM030		B5/B14			
9.3	29	0.9	150		CMP056/030	B14	93	7	2.9	15	CM030		B5/B14			
							70	9	2.1	20	CM030		B5/B14			
28	12	3.2	50	CM040		B5/B14	56	11	1.8	25	CM030		B5/B14			
23	14	2.5	60	CM040		B5/B14	47	12	1.8	30	CM030		B5/B14			
23	17	3.4	60		CMP056/040	B14	35	15	1.3	40	CM030		B5/B14			
19	20	2.6	75		CMP056/040	B14	28	18	1.1	50	CM030		B5/B14			
18	17	1.9	80	CM040		B5/B14	23	20	0.8	60	CM030		B5/B14			
16	23	3.1	90		CMP056/040	B14	23	24	1.1	60		CMP056/030	B14			
14	19	1.6	100	CM040		B5/B14	19	29	0.9	75		CMP056/030	B14			
12	28	2.2	120		CMP056/040	B14	18	24	0.6	80	CM030		B5/B14			
9.3	32	1.8	150		CMP056/040	B14	16	32	1.0	90		CMP056/030	B14			
7.8	35	1.5	180		CMP056/040	B14	12	38	0.8	120		CMP056/030	B14			
5.8	41	1.1	240		CMP056/040	B14										
4.7	46	0.9	300		CMP056/040	B14	28	18	2.1	50	CM040		B5/B14			
							23	21	1.7	60	CM040		B5/B14			
							23	25	2.3	60		CMP056/040	B14			
							19	30	1.7	75		CMP056/040	B14			
							18	26	1.3	80	CM040		B5/B14			
							16	34	2.1	90		CMP056/040	B14			
							14	28	1.1	100	CM040		B5/B14			
							12	42	1.5	120		CMP056/040	B14			
							9.3	48	1.2	150		CMP056/040	B14			
							7.8	53	1.0	180		CMP056/040	B14			
							5.8	62	0.8	240		CMP056/040	B14			
							63A6 (900 об/мин)	180	4	5.2	5	CM030		B5/B14		
							120	6	4.0	7.5	CM030		B5/B14			
							90	8	3.1	10	CM030		B5/B14			
							60	11	2.3	15	CM030		B5/B14			
							45	14	1.6	20	CM030		B5/B14			
							36	16	1.4	25	CM030		B5/B14			
							30	18	1.5	30	CM030		B5/B14			
							23	22	1.0	40	CM030		B5/B14			
							18	25	0.9	50	CM030		B5/B14			



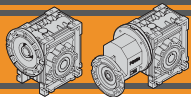
Таблицы выбора

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							
0.09								0.12											
63A6 (900 об/мин)	45	14	3.2	20	CM040			56B2 (2800 об/мин)	35	20	1.4	80	CM040			B5/B14			
	36	17	2.6	25	CM040				31	24	2.4	90	CM040	CMP056/040			B14		
	30	19	3.0	30	CM040				28	23	1.0	100	CM040				B5/B14		
	23	23	2.1	40	CM040				23	29	1.7	120		CMP056/040			B14		
	18	27	1.7	50	CM040				19	34	1.3	150		CMP056/040			B14		
	15	30	1.4	60	CM040				16	38	1.1	180		CMP056/040			B14		
	15	38	1.8	60		CMP063/040				12	44	0.9	240		CMP056/040			B14	
	12	45	1.3	75		CMP063/040													
	11	35	1.1	80	CM040				63A4 (1400 об/мин)	280	4	5.1	5	CM030				B5/B14	
	10	48	1.7	90		CMP063/040					187	5	3.8	7.5	CM030				B5/B14
	9	39	0.9	100	CM040					140	7	3.1	10	CM030				B5/B14	
	7.5	58	1.1	120		CMP063/040					93	10	2.2	15	CM030				B5/B14
											70	12	1.5	20	CM030				B5/B14
	15	32	2.4	60	CM050					56	15	1.4	25	CM030				B5/B14	
	15	38	3.2	60		CMP063/050					47	16	1.3	30	CM030				B5/B14
	12	45	2.5	75		CMP063/050					35	20	1.0	40	CM030				B5/B14
	11	37	1.9	80	CM050					28	24	0.8	50	CM030				B5/B14	
	10	49	3.0	90		CMP063/050													
	9	41	1.6	100	CM050					280	4	11.4	5	CM040				B5/B14	
	7.5	60	2.0	120		CMP063/050					187	5	8.3	7.5	CM040				B5/B14
6.0	67	1.7	150		CMP063/050			140		7	6.5	10	CM040				B5/B14		
5.0	74	1.4	180		CMP063/050			93		10	4.5	15	CM040				B5/B14		
3.8	85	1.0	240		CMP063/050			70		13	3.1	20	CM040				B5/B14		
								56		15	2.5	25	CM040				B5/B14		
6.0	70	3.0	150		CMP063/063			47		17	2.8	30	CM040				B5/B14		
5.0	77	2.5	180		CMP063/063			35		21	2.0	40	CM040				B5/B14		
3.8	90	1.9	240		CMP063/063			28		25	1.6	50	CM040				B5/B14		
3.0	98	1.5	300		CMP063/063			23		28	1.3	60	CM040				B5/B14		
								23	34	1.7	60		CMP063/040			B14			
								19	40	1.3	75		CMP063/040			B14			
								18	34	1.0	80	CM040				B5/B14			
								16	45	1.6	90		CMP063/040			B14			
								14	38	0.8	100	CM040				B5/B14			
								12	56	1.1	120		CMP063/040			B14			
								35	22	3.5	40	CM050				B5/B14			
								28	26	2.8	50	CM050				B5/B14			
								23	29	2.3	60	CM050				B5/B14			
								23	34	3.0	60		CMP063/050			B14			
								19	40	2.3	75		CMP063/050			B14			
								18	35	1.7	80	CM050				B5/B14			
								16	47	2.7	90		CMP063/050			B14			
								14	40	1.4	100	CM050				B5/B14			
								12	57	1.9	120		CMP063/050			B14			
								9.3	66	1.6	150		CMP063/050			B14			
								7.8	74	1.3	180		CMP063/050			B14			
								5.8	85	1.0	240		CMP063/050			B14			
								9.3	69	2.8	150		CMP063/063			B14			
								7.8	77	2.3	180		CMP063/063			B14			
								5.8	90	1.7	240		CMP063/063			B14			
								4.7	101	1.4	300		CMP063/063			B14			
								63B6 (900 об/мин)	180	5	3.9	5	CM030				B5/B14		
									120	8	3.0	7.5	CM030				B5/B14		
									90	10	2.3	10	CM030				B5/B14		
									60	14	1.7	15	CM030				B5/B14		
									45	18	1.2	20	CM030				B5/B14		
									36	22	1.0	25	CM030				B5/B14		
									30	24	1.1	30	CM030				B5/B14		
									23	30	0.8	40	CM030				B5/B14		

CM/CMP











CM/CMP ЧЕРВЯЧНЫЕ РЕДУКТОРЫ WORMGEARBOXES

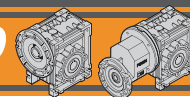
Таблицы выбора

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								0.18								
63B6 (900 об/мин)	60	15	3.7	15	CM040			63A2 (2800 об/мин)	35	30	1.5	80	CM050		B5/B14	
	45	19	2.4	20	CM040				31	37	2.7	90	CM050	CMP063/050	B14	
	36	22	2.0	25	CM040				28	36	1.2	100	CM050		B5/B14	
	30	25	2.2	30	CM040				23	45	1.9	120		CMP063/050	B14	
	23	31	1.6	40	CM040				19	53	1.5	150		CMP063/050	B14	
	18	36	1.3	50	CM040				16	60	1.3	180		CMP063/050	B14	
	15	40	1.1	60	CM040				12	69	1.0	240		CMP063/050	B14	
	15	50	1.3	60		CMP063/040	B14		19	55	2.7	150		CMP063/063	B14	
	12	60	1.0	75		CMP063/040	B14		16	63	2.3	180		CMP063/063	B14	
	11	47	0.9	80	CM040		B5/B14		12	75	1.7	240		CMP063/063	B14	
	10	64	1.3	90		CMP063/040	B14		9.3	85	1.4	300		CMP063/063	B14	
	7.5	78	0.9	120		CMP063/040	B14									
	30	26	3.8	30	CM050		B5/B14		63B4 (1400 об/мин)	280	5	3.4	5	CM030		B5/B14
	23	32	2.7	40	CM050		B5/B14			187	8	2.6	7.5	CM030		B5/B14
	18	38	2.2	50	CM050		B5/B14			140	10	2.0	10	CM030		B5/B14
	15	42	1.8	60	CM050		B5/B14			140	10	2.0	10	CM030		B5/B14
	15	51	2.4	60		CMP063/050	B14			93	15	1.4	15	CM030		B5/B14
	12	60	1.9	75		CMP063/050	B14			70	18	1.0	20	CM030		B5/B14
	11	49	1.4	80	CM050		B5/B14			56	22	0.9	25	CM030		B5/B14
	10	65	2.2	90		CMP063/050	B14			47	25	0.9	30	CM030		
9	55	1.2	100	CM050		B5/B14	280	5		7.6	5	CM040		B5/B14		
7.5	79	1.5	120		CMP063/050	B14	187	8		5.6	7.5	CM040		B5/B14		
6.0	90	1.3	150		CMP063/050	B14	140	10		4.4	10	CM040		B5/B14		
5.0	99	1.0	180		CMP063/050	B14	93	15		3.0	15	CM040		B5/B14		
3.8	114	0.8	240		CMP063/050	B14	70	19		2.1	20	CM040		B5/B14		
7.5	81	2.9	120		CMP063/063	B14	56	23		1.7	25	CM040		B5/B14		
6.0	94	2.2	150		CMP063/063	B14	47	26		1.9	30	CM040		B5/B14		
5.0	103	1.9	180		CMP063/063	B14	35	32		1.3	40	CM040		B5/B14		
3.8	120	1.4	240		CMP063/063	B14	28	37		1.1	50	CM040		B5/B14		
3.0	131	1.1	300		CMP063/063	B14	23	43		0.8	60	CM040		B5/B14		
							23	51		1.1	60		CMP063/040	B14		
							19	60		0.9	75		CMP063/040	B14		
							16	68	1.0	90		CMP063/040	B14			
0.18																
63A2 (2800 об/мин)	560	3	4.8	5	CM030		B5/B14	35	33	2.3	40	CM050		B5/B14		
	373	4	3.7	7.5	CM030		B5/B14	28	39	1.9	50	CM050		B5/B14		
	280	5	3.0	10	CM030		B5/B14	23	44	1.6	60	CM050		B5/B14		
	187	8	2.1	15	CM030		B5/B14	23	51	2.0	60		CMP063/050	B14		
	140	10	1.4	20	CM030		B5/B14	19	60	1.5	75		CMP063/050	B14		
	112	12	1.3	25	CM030		B5/B14	18	53	1.1	80	CM050		B5/B14		
	93	14	1.3	30	CM030		B5/B14	16	70	1.8	90		CMP063/050	B14		
	70	17	0.9	40	CM030		B5/B14	14	60	0.9	100	CM050		B5/B14		
	56	20	0.8	50	CM030		B5/B14	12	85	1.3	120		CMP063/050	B14		
	140	10	3.0	20	CM040		B5/B14	9.3	99	1.0	150		CMP063/050	B14		
	112	12	2.3	25	CM040		B5/B14	7.8	110	0.9	180		CMP063/050	B14		
	93	14	2.7	30	CM040		B5/B14									
	70	18	1.9	40	CM040		B5/B14	23	46	2.7	60	CM063		B5		
	56	21	1.5	50	CM040		B5/B14	23	53	3.6	60		CMP063/063	B14		
	47	24	1.2	60	CM040		B5/B14	19	63	2.7	75		CMP063/063	B14		
	47	27	1.7	60		CMP063/040	B14	18	56	2.1	80	CM063		B5		
	37	32	1.4	75		CMP063/040	B14	16	69	3.4	90		CMP063/063	B14		
	35	29	0.9	80	CM040		B5/B14	14	64	1.8	100	CM063		B5		
	31	36	1.6	90		CMP063/040	B14	12	87	2.4	120		CMP063/063	B14		
	23	43	1.1	120		CMP063/040	B14	9.3	103	1.9	150		CMP063/063	B14		
56	22	2.6	50	CM050		B5/B14	7.8	115	1.6	180		CMP063/063	B14			
47	25	2.1	60	CM050		B5/B14	5.8	136	1.1	240		CMP063/063	B14			
47	27	3.0	60		CMP063/050	B14	4.7	152	0.9	300		CMP063/063	B14			
37	32	2.3	75		CMP063/050	B14										







ЧЕРВЯЧНЫЕ РЕДУКТОРЫ WORMGEARBOXES

CM/CMP



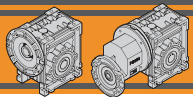
Таблицы выбора

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							
0.18								0.22											
71A6 (900 об/мин)	180	8	5.7	5	CM040			63C4 (1400 об/мин)	35	40	1.9	40	CM050			B5/B14			
	120	12	4.2	7.5	CM040				28	47	1.5	50	CM050				B5/B14		
	90	16	3.3	10	CM040				23	54	1.3	60	CM050				B5/B14		
	60	22	2.4	15	CM040				23	63	1.6	60		CMP063/050				B14	
	45	28	1.6	20	CM040				19	74	1.2	75		CMP063/050				B14	
	36	33	1.3	25	CM040				18	65	0.9	80	CM050				B5/B14		
	30	38	1.5	30	CM040				16	86	1.5	90		CMP063/050				B14	
	23	46	1.0	40	CM040				14	74	0.8	100	CM050				B5/B14		
									12	104	1.1	120		CMP063/050				B14	
	36	34	2.2	25	CM050				9.3	121	0.9	150		CMP063/050				B14	
	30	39	2.5	30	CM050														
	23	47	1.8	40	CM050				23	57	2.2	60	CM063					B5	
	18	56	1.4	50	CM050				23	64	2.9	60		CMP063/063				B14	
	15	63	1.2	60	CM050				19	77	2.2	75		CMP063/063				B14	
	15	76	1.6	60		CMP071/050				18	68	1.7	80	CM063					B5
	12	90	1.2	75		CMP071/050				16	85	2.8	90		CMP063/063				B14
	11	73	0.9	80	CM050				14	78	1.5	100	CM063					B5	
	10	98	1.5	90		CMP071/050				12	106	1.9	120		CMP063/063				B14
									9.3	126	1.5	150		CMP063/063				B14	
	15	66	2.1	60	CM063				7.8	140	1.3	180		CMP063/063				B14	
	15	75	3.1	60		CMP071/063				5.8	166	0.9	240		CMP063/063				B14
	12	88	2.3	75		CMP071/063				4.7	185	0.8	300		CMP063/063				B14
	11	79	1.6	80	CM063														
	10	101	2.8	90		CMP071/063													
	9	90	1.4	100	CM063														
	7.5	121	1.9	120		CMP071/063													
	6.0	140	1.5	150		CMP071/063													
	5.0	155	1.3	180		CMP071/063													
	11	84	2.5	80	CM075														
	9	96	2.0	100	CM075														
	7.5	128	3.0	120		CMP071/075													
	6.0	149	2.3	150		CMP071/075													
	5.0	165	1.9	180		CMP071/075													
	3.8	193	1.4	240		CMP071/075													
	3.0	213	1.1	300		CMP071/075													
5.0	179	2.9	180		CMP071/090														
3.8	211	2.1	240		CMP071/090														
3.0	236	1.7	300		CMP071/090														
0.22								0.25											
63C4 (1400 об/мин)	280	6	2.8	5	CM030			63B2 (2800 об/мин)	560	4	3.4	5	CM030			B5/B14			
	187	10	2.1	7.5	CM030				373	6	2.7	7.5	CM030				B5/B14		
	140	13	1.7	10	CM030				280	7	2.2	10	CM030				B5/B14		
	93	18	1.2	15	CM030				187	11	1.5	15	CM030				B5/B14		
	70	23	0.8	20	CM030				140	14	1.0	20	CM030				B5/B14		
									112	17	0.9	25	CM030				B5/B14		
	280	7	6.2	5	CM040				93	19	1.0	30	CM030				B5/B14		
	187	10	4.5	7.5	CM040														
	140	13	3.6	10	CM040				140	14	2.2	20	CM040				B5/B14		
	93	18	2.5	15	CM040				112	17	1.6	25	CM040				B5/B14		
	70	23	1.7	20	CM040				93	20	1.9	30	CM040				B5/B14		
	56	28	1.4	25	CM040				70	25	1.4	40	CM040				B5/B14		
	47	32	1.5	30	CM040				56	29	1.1	50	CM040				B5/B14		
	35	39	1.1	40	CM040				47	34	0.9	60	CM040				B5/B14		
	28	45	0.9	50	CM040				47	37	1.2	60		CMP063/040				B14	
	23	62	0.9	60		CMP063/040				37	44	1.0	75		CMP063/040				B14
	19	73	0.7	75		CMP063/040				31	50	1.1	90		CMP063/040				B14
	16	83	0.9	90		CMP063/040				23	60	0.8	120		CMP063/040				B14
									47	35	1.5	60	CM050				B5/B14		
									47	38	2.1	60		CMP063/050				B14	
									37	45	1.7	75		CMP063/050				B14	
									35	42	1.1	80	CM050				B5/B14		
									31	51	1.9	90		CMP063/050				B14	
							28	49	0.9	100	CM050			B5/B14					
							23	62	1.4	120		CMP063/050			B14				
							19	74	1.1	150		CMP063/050			B14				
							16	83	0.9	180		CMP063/050			B14				
							47	39	3.9	60		CMP063/063			B14				
							37	47	2.9	75		CMP063/063			B14				
							35	44	2.0	80	CM063				B5				
							31	53	3.5	90		CMP063/063			B14				
							28	51	1.6	100	CM063				B5				

CM/CMP









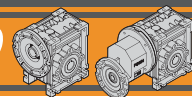


CM/CMP ЧЕРВЯЧНЫЕ РЕДУКТОРЫ WORMGEARBOXES

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			
0.25								0.25							
63B2 (2800 об/мин)	23	65	2.5	120		CMP063/063	B14	71B6 (900 об/мин)	45	40	2.0	20	CM050		B5/B14
	19	76	2.0	150		CMP063/063	B14		36	48	1.6	25	CM050		B5/B14
	16	87	1.6	180		CMP063/063	B14		30	54	1.8	30	CM050		B5/B14
	12	104	1.2	240		CMP063/063	B14		23	66	1.3	40	CM050		B5/B14
	9.3	118	1.0	300		CMP063/063	B14		18	78	1.0	50	CM050		B5/B14
71A4 (1400 об/мин)	280	8	5.5	5	CM040		B5/B14	15	88	0.9	60	CM050		B5/B14	
	187	11	4.0	7.5	CM040		B5/B14	15	106	1.2	60		CMP071/050	B14	
	140	14	3.1	10	CM040		B5/B14	12	125	0.9	75		CMP071/050	B14	
	93	21	2.2	15	CM040		B5/B14	10	136	1.1	90		CMP071/050	B14	
	70	27	1.5	20	CM040		B5/B14	18	81	1.9	50	CM063		B5/B14	
	56	32	1.2	25	CM040		B5/B14		15	92	1.5	60	CM063		B5/B14
	47	36	1.3	30	CM040		B5/B14		15	105	2.2	60		CMP071/063	B14
	35	44	0.9	40	CM040		B5/B14		12	123	1.7	75		CMP071/063	B14
	70	27	2.7	20	CM050		B5/B14		11	110	1.2	80	CM063		B5/B14
	56	32	2.2	25	CM050		B5/B14		10	140	2.0	90		CMP071/063	B14
	47	37	2.4	30	CM050		B5/B14		9	125	1.0	100	CM063		B5/B14
	35	46	1.7	40	CM050		B5/B14		7.5	168	1.4	120		CMP071/063	B14
	28	54	1.3	50	CM050		B5/B14		6.0	195	1.1	150		CMP071/063	B14
	23	61	1.1	60	CM050		B5/B14		5.0	215	0.9	180		CMP071/063	B14
	23	71	1.4	60		CMP071/050	B14	15	97	2.4	60	CM075		B5	
	19	84	1.1	75		CMP071/050	B14	15	108	3.6	60		CMP071/075	B14	
	18	74	0.8	80	CM050		B5/B14	12	129	2.7	75		CMP071/075	B14	
	16	98	1.3	90		CMP071/050	B14	11	117	1.8	80	CM075		B5	
	28	56	2.4	50	CM063		B5/B14	10	147	3.1	90		CMP071/075	B14	
	23	64	2.0	60	CM063		B5/B14	9	133	1.5	100	CM075		B5	
23	73	2.6	60		CMP071/063	B14	7.5	178	2.2	120		CMP071/075	B14		
19	88	2.0	75		CMP071/063	B14	6.0	207	1.6	150		CMP071/075	B14		
18	78	1.5	80	CM063		B5/B14	5.0	229	1.4	180		CMP071/075	B14		
16	96	2.4	90		CMP071/063	B14	3.8	268	1.0	240		CMP071/075	B14		
14	89	1.3	100	CM063		B5/B14	3.0	296	0.8	300		CMP071/075	B14		
12	120	1.7	120		CMP071/063	B14	6.0	222	2.6	150		CMP071/090	B14		
9.3	143	1.3	150		CMP071/063	B14	5.0	248	2.1	180		CMP071/090	B14		
7.8	159	1.1	180		CMP071/063	B14	3.8	293	1.5	240		CMP071/090	B14		
23	68	3.1	60	CM075		B5	3.0	328	1.2	300		CMP071/090	B14		
23	75	4.2	60		CMP071/075	B14	0.37								
19	90	3.1	75		CMP071/075	B14	71A2 (2800 об/мин)	560	6	5.1	5	CM040		B5/B14	
18	82	2.3	80	CM075		B5	373	8	3.7	7.5	CM040		B5/B14		
16	105	3.6	90		CMP071/075	B14	280	11	3.0	10	CM040		B5/B14		
14	96	1.8	100	CM075		B5	187	16	2.2	15	CM040		B5/B14		
12	130	2.6	120		CMP071/075	B14	140	21	1.5	20	CM040		B5/B14		
9.3	153	2.0	150		CMP071/075	B14	112	25	1.1	25	CM040		B5/B14		
7.8	171	1.7	180		CMP071/075	B14	93	29	1.3	30	CM040		B5/B14		
5.8	201	1.2	240		CMP071/075	B14	70	37	0.9	40	CM040		B5/B14		
4.7	226	1.0	300		CMP071/075	B14	70	37	1.6	40	CM050		B5/B14		
7.8	177	2.6	180		CMP071/090	B14	56	45	1.3	50	CM050		B5/B14		
5.8	213	2.0	240		CMP071/090	B14	47	51	1.0	60	CM050		B5/B14		
4.7	241	1.5	300		CMP071/090	B14	47	56	1.4	60		CMP071/050	B14		
71B6 (900 об/мин)	180	11	4.1	5	CM040		37	67	1.1	75		CMP071/050	B14		
120	17	3.1	7.5	CM040		B5/B14	31	76	1.3	90		CMP071/050	B14		
90	22	2.4	10	CM040		B5/B14	56	46	2.2	50	CM063		B5/B14		
60	31	1.8	15	CM040		B5/B14	47	53	1.8	60	CM063		B5/B14		
45	39	1.1	20	CM040		B5/B14	47	58	2.7	60		CMP071/063	B14		
36	46	0.9	25	CM040		B5/B14	37	70	2.0	75		CMP071/063	B14		
30	53	1.1	30	CM040		B5/B14	35	66	1.3	80	CM063		B5/B14		
23	64	0.8	40	CM040		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			
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0.37

71A2 (2800 об/мин)	31	78	2.4	90	CM063	CMP071/063	B14
	28	76	1.1	100		CMP071/063	B5/B14
	23	96	1.7	120		CMP071/063	B14
	19	113	1.3	150		CMP071/063	B14
	16	129	1.1	180	CMP071/063	B14	
	47	59	4.3	60	CM063	CMP071/075	B14
	37	71	3.2	75		CMP071/075	B14
	31	81	3.8	90		CMP071/075	B14
	23	101	2.6	120		CMP071/075	B14
	19	119	2.0	150		CMP071/075	B14
	16	136	1.7	180		CMP071/075	B14
	12	163	1.3	240		CMP071/075	B14
	9.3	186	1.0	300		CMP071/075	B14
	16	145	2.6	180	CM063	CMP071/090	B14
	12	178	2.0	240		CMP071/090	B14
	9.3	204	1.6	300		CMP071/090	B14
71B4 (1400 об/мин)	280	11	3.7	5	CM040	B5/B14	
	187	16	2.7	7.5	CM040	B5/B14	
	140	21	2.1	10	CM040	B5/B14	
	93	31	1.5	15	CM040	B5/B14	
	70	39	1.0	20	CM040	B5/B14	
	56	47	0.8	25	CM040	B5/B14	
	47	53	0.9	30	CM040	B5/B14	
	70	40	1.8	20	CM050	B5/B14	
	56	48	1.5	25		B5/B14	
	47	55	1.6	30		B5/B14	
	35	68	1.1	40		B5/B14	
	28	80	0.9	50		B5/B14	
	23	91	0.8	60		B5/B14	
	23	105	1.0	60		B5/B14	
	19	124	0.7	75		B5/B14	
	16	145	0.9	90	B5/B14		
	28	83	1.6	50	CM063	B5/B14	
	23	95	1.3	60		B5/B14	
	23	108	1.7	60		CMP071/063	B14
	19	130	1.3	75		CMP071/063	B14
	18	115	1.0	80		CMP071/063	B5/B14
	16	142	1.6	90		CMP071/063	B14
	14	131	0.9	100		CMP071/063	B5/B14
	12	178	1.2	120		CMP071/063	B14
	9.3	211	0.9	150	CMP071/063	B14	
	7.8	236	0.8	180	CMP071/063	B14	
	28	87	2.4	50	CM075	B5	
	23	100	2.1	60		B5	
	23	111	2.8	60		CMP071/075	B14
	19	134	2.1	75		CMP071/075	B14
	18	121	1.6	80		CMP071/075	B5
	16	156	2.4	90		CMP071/075	B14
14	141	1.2	100	CMP071/075		B5	
12	193	1.7	120	CMP071/075		B14	
9.3	226	1.4	150	CMP071/075		B14	
7.8	254	1.2	180	CMP071/075		B14	
5.8	297	0.8	240	CMP071/075		B14	
4.7	334	0.7	300	CMP071/075		B14	

0.37

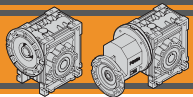
71B4 (1400 об/мин)	18	129	2.3	80	CM090	B5	
	14	151	1.8	100		B5	
	12	196	2.9	120		CMP071/090	B14
	9.3	226	2.3	150		CMP071/090	B14
	7.8	263	1.8	180		CMP071/090	B14
	5.8	315	1.3	240		CMP071/090	B14
	4.7	356	1.0	300		CMP071/090	B14
	60	47	2.0	15		CM050	B5/B14
	45	59	1.4	20			B5/B14
	36	71	1.1	25			B5/B14
30	80	1.2	30	B5/B14			
36	74	1.9	25	CM063	B5/B14		
30	82	2.3	30	CM063	B5/B14		
23	102	1.6	40	CM063	B5/B14		
18	120	1.3	50	CM063	B5/B14		
15	137	1.0	60	CM063	B5/B14		
15	155	1.5	60	CMP080/063	B14		
12	182	1.1	75	CMP080/063	B14		
10	208	1.3	90	CMP080/063	B14		
18	126	1.9	50	CM075	B5/B14		
15	144	1.6	60		B5/B14		
15	159	2.5	60		CMP080/075	B14	
12	190	1.8	75		CMP080/075	B14	
11	173	1.2	80		CM075	B5/B14	
10	218	2.1	90		CMP080/075	B14	
9	196	1.0	100		CM075	B5/B14	
7.5	263	1.5	120		CMP080/075	B14	
15	153	2.5	60		CM090	B5/B14	
15	166	4.1	60			CMP080/090	B14
12	199	3.0	75	CMP080/090		B14	
11	188	1.9	80	CM090		B5/B14	
10	229	3.5	90	CMP080/090		B14	
9	216	1.5	100	CM090		B5/B14	
7.5	235	2.9	120	CMP080/090		B14	
6.0	329	1.7	150	CMP080/090		B14	
5.0	367	1.4	180	CMP080/090		B14	
6.0	352	3.0	150	CM090		B14	
5.0	395	2.3	180		CMP080/110	B14	
3.8	471	1.7	240		CMP080/110	B14	
3.0	531	1.3	300		CMP080/110	B14	
3.8	471	2.4	240		CMP080/130	B14	
3.0	554	1.8	300		CMP080/130	B14	

0.55

71B2 (2800 об/мин)	560	8	3.4	5	CM040	B5/B14		
	373	13	2.5	7.5		CM040	B5/B14	
	280	16	2.0	10		CM040	B5/B14	
	187	24	1.5	15		CM040	B5/B14	
	140	31	1.0	20		CM040	B5/B14	
	140	32	1.7	20		CM050	B5/B14	
	112	38	1.3	25			CM050	B5/B14
	93	44	1.5	30			CM050	B5/B14
	70	56	1.1	40			CM050	B5/B14
	56	67	0.9	50			CM050	B5/B14

CM/CMP



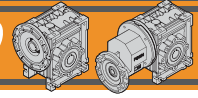


CM/CMP ЧЕРВЯЧНЫЕ РЕДУКТОРЫ WORMGEARBOXES

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								0.55								
71B2 (2800 об/мин)	47	83	1.0	60				71C4 (1400 об/мин)	14	210	0.8	100	CM075		B5	
	37	99	0.8	75					12	287	1.2	120		CMP071/075	B14	
	31	113	0.9	90					9.3	336	0.9	150		CMP071/075	B14	
									7.8	377	0.8	180		CMP071/075	B14	
	70	57	2.0	40	CM063		B5/B14		23	172	3.0	60		CMP071/090	B14	
	56	68	1.5	50	CM063		B5/B14		19	207	2.2	75		CMP071/090	B14	
	47	79	1.2	60	CM063		B5/B14		18	192	1.6	80	CM090		B5	
	47	86	1.8	60		CMP071/063	B14		16	232	2.7	90		CMP071/090	B14	
	37	103	1.3	75		CMP071/063	B14		14	225	1.2	100	CM090		B5	
	35	98	0.9	80	CM063		B5/B14		14	225	1.2	100		CMP071/090	B14	
	31	116	1.6	90		CMP071/063	B14		12	291	2.0	120		CMP071/090	B14	
	23	143	1.1	120		CMP071/063	B14		9.3	336	1.5	150		CMP071/090	B14	
	19	168	0.9	150		CMP071/063	B14		7.8	390	1.2	180		CMP071/090	B14	
									5.8	468	0.9	240		CMP071/090	B14	
	47	79	1.8	60	CM075		B5		80A4 (1400 об/мин)	187	24	3.2	7.5	CM050		B5/B14
	47	88	2.9	60		CMP071/075	B14			140	32	2.6	10	CM050		B5/B14
	37	106	2.2	75	CM075		B5			93	46	1.8	15	CM050		B5/B14
	35	96	1.3	80		CMP071/075	B14			70	59	1.2	20	CM050		B5/B14
	31	121	2.5	90	CM075		B5			56	71	1.0	25	CM050		B5/B14
	28	113	1.0	100		CMP071/075	B14			47	81	1.1	30	CM050		B5/B14
23	150	1.8	120				93	47		3.3	15	CM063		B5/B14		
19	176	1.4	150				70	61		2.2	20	CM063		B5/B14		
16	202	1.2	180				56	73		1.8	25	CM063		B5/B14		
12	243	0.9	240				47	84		2.0	30	CM063		B5/B14		
35	107	2.2	80	CM090		B5	35	105		1.4	40	CM063		B5/B14		
28	126	1.7	100	CM090		B5	28	124		1.1	50	CM063		B5/B14		
23	159	2.9	120		CMP071/090	B14	23	142		0.9	60	CM063		B5/B14		
19	188	2.2	150		CMP071/090	B14	23	161		1.2	60		CMP080/063	B14		
16	215	1.8	180		CMP071/090	B14	23	193		0.9	75		CMP080/063	B14		
12	265	1.3	240		CMP071/090	B14	19	193		0.9	75		CMP080/063	B14		
9.3	303	1.0	300		CMP071/090	B14	16	212		1.1	90		CMP080/063	B14		
71C4 (1400 об/мин)	280	17	2.5	5	CM040		B5/B14	35		110	2.1	40	CM075		B5/B14	
	187	24	1.8	7.5	CM040		B5/B14	28		129	1.6	50	CM075		B5/B14	
	140	32	1.4	10	CM040		B5/B14	23		149	1.4	60	CM075		B5/B14	
	93	46	1.0	15	CM040		B5/B14	23	165	1.9	60		CMP080/075	B14		
	140	32	2.6	10	CM050		B5/B14	19	199	1.4	75		CMP080/075	B14		
	93	46	1.8	15	CM050		B5/B14	18	180	1.1	80	CM075		B5/B14		
	70	59	1.2	20	CM050		B5/B14	16	232	1.6	90		CMP080/075	B14		
	56	71	1.0	25	CM050		B5/B14	14	210	0.8	100	CM075		B5/B14		
	47	81	1.1	30	CM050		B5/B14	12	287	1.2	120		CMP080/075	B14		
	35	101	0.8	40	CM050		B5/B14	23	155	2.1	60	CM090		B5/B14		
	56	73	1.8	25	CM063		B5/B14	23	172	3.0	60		CMP080/090	B14		
	47	84	2.0	30	CM063		B5/B14	19	207	2.2	75		CMP080/090	B14		
	35	105	1.4	40	CM063		B5/B14	18	192	1.6	80	CM090		B5/B14		
	28	124	1.1	50	CM063		B5/B14	16	232	2.7	90		CMP080/090	B14		
	23	142	0.9	60	CM063		B5/B14	14	225	1.2	100	CM090		B5/B14		
	23	161	1.2	60		CMP071/063	B14	12	291	2.0	120		CMP080/090	B14		
	19	193	0.9	75		CMP071/063	B14	9.3	336	1.5	150		CMP080/090	B14		
	16	212	1.1	90		CMP071/063	B14	7.8	390	1.2	180		CMP080/090	B14		
	12	265	0.8	120		CMP071/063	B14	18	204	2.6	80	CM110		B5		
	28	129	1.6	50	CM075		B5	14	240	2.0	100	CM110		B5		
23	149	1.4	60	CM075		B5	9.3	358	2.5	150		CMP080/110	B14			
23	165	1.9	60		CMP071/075	B14	7.8	410	2.0	180		CMP080/110	B14			
19	199	1.4	75		CMP071/075	B14	5.8	503	1.4	240		CMP080/110	B14			
18	180	1.1	80	CM075		B5	4.7	574	1.1	300		CMP080/110	B14			
16	232	1.6	90		CMP071/075	B14										

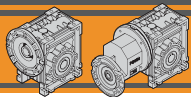


Таблицы выбора

Technical data

P₁ [кВт]	n₂ [об/мин]	M₂ [Нм]	sf	i				P₁ [кВт]	n₂ [об/мин]	M₂ [Нм]	sf	i			
0.55								0.75							
80A4 (1400 об/мин)	7.8	424	2.6	180		CM080/130	B14	80A2 (2800 об/мин)	47	117	1.3	60		CM080/063	B14
	5.8	512	1.9	240		CM080/130	B14		37	141	1.0	75		CM080/063	B14
	4.7	585	1.5	300		CM080/130	B14		31	158	1.2	90		CM080/063	B14
80B6 (900 об/мин)	120	37	2.5	7.5	CM050		B5/B14		47	111	1.4	60	CM075		B5/B14
	90	49	1.9	10	CM050		B5/B14		47	120	2.1	60		CM080/075	B14
	60	69	1.4	15	CM050		B5/B14		37	145	1.6	75		CM080/075	B14
	45	88	0.9	20	CM050		B5/B14		35	139	1.0	80	CM075		B5/B14
	45	91	1.7	20	CM063		B5/B14		31	165	1.9	90		CM080/075	B14
	36	109	1.3	25	CM063		B5/B14		28	161	0.8	100	CM075		B5/B14
	30	123	1.5	30	CM063		B5/B14		23	205	1.3	120		CM080/075	B14
	23	152	1.1	40	CM063		B5/B14		47	115	2.2	60	CM090		B5/B14
	18	178	0.8	50	CM063		B5/B14		47	123	3.6	60		CM080/090	B14
	15	230	1.0	60		CM080/063	B14		37	150	2.6	75		CM080/090	B14
	12	270	0.8	75		CM080/063	B14		35	145	1.6	80	CM090		B5/B14
	10	309	0.9	90		CM080/063	B14		31	171	3.1	90		CM080/090	B14
	18	187	1.3	50	CM075		B5/B14		28	171	1.2	100	CM090		B5/B14
	15	214	1.1	60	CM075		B5/B14		23	217	2.1	120		CM080/090	B5/B14
	15	237	1.7	60		CM080/075	B14		19	256	1.6	150		CM080/090	B14
	12	283	1.2	75		CM080/075	B14		16	293	1.3	180		CM080/090	B14
	11	257	0.8	80	CM075		B5/B14		35	149	2.7	80	CM110		B5
	10	324	1.4	90		CM080/075	B14		28	179	2.0	100	CM110		B5
	7.5	391	1.0	120		CM080/075	B14		19	267	2.8	150		CM080/110	B14
	15	228	1.7	60	CM090		B5/B14		16	307	2.2	180		CM080/110	B14
	15	247	2.7	60		CM080/090	B14		12	379	1.6	240		CM080/110	B14
	12	296	2.0	75		CM080/090	B14		9.3	444	1.2	300		CM080/110	B14
	11	280	1.2	80	CM090		B5/B14		16	316	2.9	180		CM080/130	B14
	10	340	2.3	90		CM080/090	B14		12	385	2.2	240		CM080/130	B14
	9	321	1.0	100	CM090		B5/B14		9.3	444	1.7	300		CM080/130	B14
	7.5	350	1.9	120		CM080/090	B14								
	6.0	489	1.2	150		CM080/090	B14	80B4 (1400 об/мин)	187	33	2.4	7.5	CM050		B5/B14
	5.0	546	0.9	180		CM080/090	B14		140	43	1.9	10	CM050		B5/B14
	11	294	2.1	80	CM110		B5		93	63	1.3	15	CM050		B5/B14
	9	344	1.6	100	CM110		B5		70	81	0.9	20	CM050		B5/B14
	7.5	446	2.7	120		CM080/110	B14		56	97	0.7	25	CM050		B5/B14
	6.0	523	2.0	150		CM080/110	B14		47	111	0.8	30	CM050		B5/B14
	5.0	587	1.6	180		CM080/110	B14		187	34	4.3	7.5	CM063		B5/B14
	3.8	700	1.1	240		CM080/110	B14		140	44	3.4	10	CM063		B5/B14
	3.0	789	0.9	300		CM080/110	B14		93	64	2.4	15	CM063		B5/B14
	6.0	523	2.7	150		CM080/130	B14		70	83	1.6	20	CM063		B5/B14
	5.0	587	2.2	180		CM080/130	B14		56	100	1.4	25	CM063		B5/B14
	3.8	700	1.6	240		CM080/130	B14		47	115	1.4	30	CM063		B5/B14
	3.0	824	1.2	300		CM080/130	B14		35	143	1.0	40	CM063		B5/B14
									28	169	0.8	50	CM063		B5/B14
									23	220	0.9	60		CM080/063	B14
									19	263	0.7	75		CM080/063	B14
									16	289	0.8	90		CM080/063	B14
									70	85	2.6	20	CM075		B5/B14
									56	102	2.0	25	CM075		B5/B14
									47	118	2.3	30	CM075		B5/B14
									35	149	1.6	40	CM075		B5/B14
									28	177	1.2	50	CM075		B5/B14
									23	203	1.0	60	CM075		B5/B14
									23	226	1.4	60		CM080/075	B14
									19	271	1.0	75		CM080/075	B14
									18	246	0.8	80	CM075		B5/B14
									16	316	1.2	90		CM080/075	B14









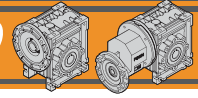


CM/CMP ЧЕРВЯЧНЫЕ РЕДУКТОРЫ WORMGEARBOXES

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				
0.75								1.1								
80B4 (1400 об/мин)	12	391	0.9	120		CMP080/075	B14	80B2 (2800 об/мин)	47	176	1.4	60		CMP080/075	B14	
	35	156	2.6	40	CM090		B5/B14		37	212	1.1	75		CMP080/075	B14	
	28	184	1.9	50	CM090		B5/B14		31	242	1.3	90		CMP080/075	B14	
	23	212	1.5	60	CM090		B5/B14		23	300	0.9	120		CMP080/075	B14	
	23	235	2.2	60		CMP080/090	B14		56	146	1.9	50	CM090		B5/B14	
	19	282	1.6	75		CMP080/090	B14		47	169	1.5	60	CM090		B5/B14	
	18	262	1.2	80	CM090		B5/B14		47	181	2.4	60		CMP080/090	B14	
	16	316	2.0	90		CMP080/090	B14		37	221	1.8	75		CMP080/090	B14	
	14	307	0.9	100	CM090		B5/B14		35	213	1.1	80	CM090		B5/B14	
	12	397	1.5	120		CMP080/090	B14		31	251	2.1	90		CMP080/090	B14	
	9.3	459	1.1	150		CMP080/090	B14		28	251	0.9	100	CM090		B5/B14	
	7.8	532	0.9	180		CMP080/090	B14		23	318	1.4	120		CMP080/090	B14	
	23	224	2.6	60	CM110		B5		19	375	1.1	150		CMP080/090	B14	
	19	290	2.9	75		CMP080/110	B14		16	430	0.9	180		CMP080/090	B14	
	18	278	1.9	80	CM110		B5		35	219	1.8	80	CM110		B5	
	16	325	3.2	90		CMP080/110	B14		28	263	1.4	100	CM110		B5	
	14	327	1.5	100	CM110		B5		23	331	2.5	120		CMP080/110	B14	
	12	415	2.4	120		CMP080/110	B14		19	392	1.9	150		CMP080/110	B14	
	9.3	489	1.9	150		CMP080/110	B14		16	450	1.5	180		CMP080/110	B14	
	7.8	560	1.5	180		CMP080/110	B14		12	556	1.1	240		CMP080/110	B14	
5.8	686	1.1	240		CMP080/110	B14	9.3	651	0.9	300		CMP080/110	B14			
4.7	782	0.8	300		CMP080/110	B14	19	403	2.5	150		CMP080/130	B14			
18	282	2.9	80	CM130		B5	16	463	2.0	180		CMP080/130	B14			
14	327	2.2	100	CM130		B5	12	565	1.5	240		CMP080/130	B14			
9.3	504	2.4	150		CMP080/130	B14	9.3	651	1.2	300		CMP080/130	B14			
7.8	578	1.9	180		CMP080/130	B14										
5.8	698	1.4	240		CMP080/130	B14										
4.7	797	1.1	300		CMP080/130	B14										
90S6 (900 об/мин)	45	127	2.0	20	CM075		B5/B14	80C4 (1400 об/мин)	187	49	1.6	7.5	CM050		B5/B14	
	36	153	1.5	25	CM075		B5/B14		140	64	1.3	10	CM050		B5/B14	
	30	174	1.8	30	CM075		B5/B14		93	92	0.9	15	CM050		B5/B14	
	23	216	1.2	40	CM075		B5/B14		187	50	2.9	7.5	CM063		B5/B14	
	18	271	1.5	50	CM090		B5/B14		140	65	2.3	10	CM063		B5/B14	
	15	310	1.2	60	CM090		B5/B14		93	95	1.6	15	CM063		B5/B14	
	15	325	2.1	60			B5/B14		70	122	1.1	20	CM063		B5/B14	
	11	401	1.5	80	CM110		B5/B14		56	146	0.9	25	CM063		B5/B14	
	9	470	1.2	100	CM110		B5/B14		47	169	1.0	30	CM063		B5/B14	
									70	125	1.8	20		CM075		B5/B14
									56	150	1.3	25		CM075		B5/B14
									47	173	1.6	30		CM075		B5/B14
									35	219	1.1	40		CM075		B5/B14
									28	259	0.8	50		CM075		B5/B14
									23	331	0.9	60			CMP080/075	B14
							19	397	0.7	75			CMP080/075	B14		
							16	463	0.8	90			CMP080/075	B14		
							35	228	1.8	40		CM090		B5/B14		
							28	270	1.3	50		CM090		B5/B14		
							23	311	1.1	60		CM090		B5/B14		
							23	344	1.5	60			CMP080/090	B14		
							19	414	1.1	75			CMP080/090	B14		
							18	384	0.8	80		CM090		B5/B14		
							16	463	1.4	90			CMP080/090	B14		
							12	582	1.0	120			CMP080/090	B14		
							9.3	673	0.8	150			CMP080/090	B14		
							23	329	1.8	60		CM110		B5		
							23	353	2.5	60			CMP080/110	B14		
							19	425	2.0	75			CMP080/110	B14		



Таблицы выбора

Technical data

P ₁ [кВт]	n ₂ [об/мин]	M ₂ [Нм]	sf	i			
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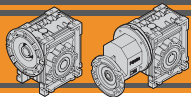
P ₁ [кВт]	n ₂ [об/мин]	M ₂ [Нм]	sf	i			
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1.1							
80С4 (1400 об/мин)	18	408	1.3	80	CM110		B5
	16	477	2.2	90		CMP080/110	B14
	14	480	1.0	100	CM110		B5
	12	609	1.6	120		CMP080/110	B14
	9.3	717	1.3	150		CMP080/110	B14
	7.8	821	1.0	180		CMP080/110	B14
	23	349	3.6	60		CMP080/130	B14
	19	425	2.7	75		CMP080/130	B14
	18	414	2.0	80	CM130		B5
	16	477	3.1	90		CMP080/130	B14
	14	480	1.5	100	CM130		B5
	12	600	2.3	120		CMP080/130	B14
	9.3	739	1.7	150		CMP080/130	B14
	7.8	847	1.3	180		CMP080/130	B14
	5.8	1024	0.9	240		CMP080/130	B14
90S4 (1400 об/мин)	187	50	2.9	7.5	CM063		B5/B14
	140	65	2.3	10	CM063		B5/B14
	93	95	1.6	15	CM063		B5/B14
	70	122	1.1	20	CM063		B5/B14
	56	146	0.9	25	CM063		B5/B14
	47	169	1.0	30	CM063		B5/B14
	187	50	4.4	7.5	CM075		B5/B14
	140	65	3.6	10	CM075		B5/B14
	93	95	2.6	15	CM075		B5/B14
	70	125	1.8	20	CM075		B5/B14
	56	150	1.3	25	CM075		B5/B14
	47	173	1.6	30	CM075		B5/B14
	35	219	1.1	40	CM075		B5/B14
	56	156	2.2	25	CM090		B5/B14
	47	178	2.6	30	CM090		B5/B14
	35	228	1.8	40	CM090		B5/B14
	28	270	1.3	50	CM090		B5/B14
	23	311	1.1	60	CM090		B5/B14
	18	384	0.8	80	CM090		B5/B14
	35	237	3.0	40	CM110		B5/B14
	28	285	2.3	50	CM110		B5/B14
	23	329	1.8	60	CM110		B5/B14
	18	408	1.3	80	CM110		B5/B14
	14	480	1.0	100	CM110		B5/B14
23	329	2.7	60	CM130		B5	
18	414	2.0	80	CM130		B5	
14	480	1.5	100	CM130		B5	
90L6 (900 об/мин)	120	75	2.2	7.5	CM063		B5/B14
	90	98	1.8	10	CM063		B5/B14
	60	142	1.3	15	CM063		B5/B14
	45	182	0.8	20	CM063		B5/B14
	45	187	1.4	20	CM075		B5/B14
	36	225	1.0	25	CM075		B5/B14
	30	256	1.2	30	CM075		B5/B14
	23	317	0.8	40	CM075		B5/B14
	23	336	1.4	40	CM090		B5/B14
	18	397	1.0	50	CM090		B5/B14
	15	455	0.8	60	CM090		B5/B14

1.1							
90L6 (900 об/мин)	18	414	1.8	50	CM110		B5/B14
	15	476	1.4	60	CM110		B5/B14
	11	588	1.0	80	CM110		B5/B14
	9	689	0.8	100	CM110		B5/B14
	11	598	1.5	80	CM130		B5
	9	689	1.1	100	CM130		B5
1.5							
90S2 (2800 об/мин)	373	35	3.0	7.5	CM063		B5/B14
	280	45	2.4	10	CM063		B5/B14
	187	66	1.7	15	CM063		B5/B14
	140	86	1.2	20	CM063		B5/B14
	112	106	0.9	25	CM063		B5/B14
	93	121	1.0	30	CM063		B5/B14
	140	87	2.0	20	CM075		B5/B14
	112	107	1.4	25	CM075		B5/B14
	93	124	1.7	30	CM075		B5/B14
	70	160	1.1	40	CM075		B5/B14
	70	164	1.9	40	CM090		B5/B14
	56	200	1.4	50	CM090		B5/B14
	47	230	1.1	60	CM090		B5/B14
	47	236	1.9	60	CM110		B5/B14
	35	299	1.3	80	CM110		B5/B14
28	358	1.0	100	CM110		B5/B14	
90L4 (1400 об/мин)	187	68	2.1	7.5	CM063		B5/B14
	140	88	1.7	10	CM063		B5/B14
	93	129	1.2	15	CM063		B5/B14
	70	166	0.8	20	CM063		B5/B14
	187	68	3.2	7.5	CM075		B5/B14
	140	89	2.7	10	CM075		B5/B14
	93	129	1.9	15	CM075		B5/B14
	70	170	1.3	20	CM075		B5/B14
	56	205	1.0	25	CM075		B5/B14
	47	236	1.1	30	CM075		B5/B14
	35	299	0.8	40	CM075		B5/B14
	56	212	1.6	25	CM090		B5/B14
	47	243	1.9	30	CM090		B5/B14
	35	311	1.3	40	CM090		B5/B14
	28	368	1.0	50	CM090		B5/B14
23	424	0.8	60	CM090		B5/B14	
35	323	2.2	40	CM110		B5/B14	
28	389	1.7	50	CM110		B5/B14	
23	448	1.3	60	CM110		B5/B14	
18	557	0.9	80	CM110		B5/B14	
23	448	2.0	60	CM130		B5	
18	565	1.5	80	CM130		B5	
14	655	1.1	100	CM130		B5	
100LA6 (900 об/мин)	120	104	2.5	7.5	CM075		B5/B14
	90	135	2.0	10	CM075		B5/B14
	60	198	1.5	15	CM075		B5/B14

CM/CMP









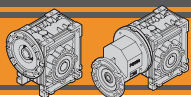


CM/СМР ЧЕРВЯЧНЫЕ РЕДУКТОРЫ WORMGEARBOXES

Таблицы выбора

Technical data

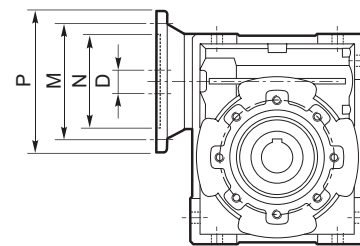
P_1 [кВт]	n_2 [об/мин]	M_2 [Нм]	sf	i				P_1 [кВт]	n_2 [об/мин]	M_2 [Нм]	sf	i			
1.5								2.2							
100LA6 (900 об/мин)	60	201	2.4	15	CM090			100LA4 (1400 об/мин)	187	100	2.2	7.5	CM075		
	45	261	1.7	20	CM090				140	131	1.8	10	CM075		
	36	318	1.2	25	CM090				93	189	1.3	15	CM075		
	30	363	1.5	30	CM090				187	101	3.1	7.5	CM090		B5/B14
	23	478	1.7	40	CM110				140	132	2.7	10	CM090		B5/B14
	18	565	1.3	50	CM110				93	194	2.1	15	CM090		B5/B14
	15	649	1.1	60	CM110				70	252	1.5	20	CM090		B5/B14
	11	815	1.1	80	CM130		B5		56	311	1.1	25	CM090		B5/B14
	9	939	0.8	100	CM130		B5		47	356	1.3	30	CM090		B5/B14
									70	255	2.6	20	CM110		B5/B14
							56	315	2.0	25	CM110		B5/B14		
							47	360	2.1	30	CM110		B5/B14		
							35	474	1.5	40	CM110		B5/B14		
							28	570	1.1	50	CM110		B5/B14		
							23	657	0.9	60	CM110		B5/B14		
							35	456	2.3	40	CM130		B5		
							28	563	1.7	50	CM130		B5		
							23	657	1.4	60	CM130		B5		
							18	828	1.0	80	CM130		B5		
							14	960	0.8	100	CM130		B5		
1.85								112M6 (900 об/мин)							
90LB4 (1400 об/мин)	187	83	1.7	7.5	CM063			120	154	2.5	7.5	CM090			
	140	109	1.4	10	CM063			90	203	2.0	10	CM090			
	93	159	1.0	15	CM063			60	294	1.6	15	CM090			
	187	84	2.6	7.5	CM075		B5/B14	45	383	1.2	20	CM090			
	140	110	2.2	10	CM075		B5/B14	36	467	0.8	25	CM090			
	93	159	1.6	15	CM075		B5/B14	30	532	1.0	30	CM090			
	70	209	1.1	20	CM075		B5/B14	36	479	1.5	25	CM110		B5/B14	
	56	252	0.8	25	CM075		B5/B14	30	546	1.6	30	CM110		B5/B14	
	47	292	0.9	30	CM075		B5/B14	23	700	1.2	40	CM110		B5/B14	
	93	163	2.5	15	CM090		B5/B14	18	829	0.9	50	CM110		B5/B14	
70	212	1.8	20	CM090		B5/B14	18	852	1.2	50	CM130		B5		
56	262	1.3	25	CM090		B5/B14	15	980	1.0	60	CM130		B5		
47	299	1.5	30	CM090		B5/B14									
35	384	1.1	40	CM090		B5/B14									
28	454	0.8	50	CM090		B5/B14									
47	303	2.5	30	CM110		B5/B14									
35	399	1.8	40	CM110		B5/B14									
28	480	1.4	50	CM110		B5/B14									
23	553	1.0	60	CM110		B5/B14									
18	687	0.8	80	CM110		B5/B14									
23	553	1.6	60	CM130		B5									
18	697	1.2	80	CM130		B5									
14	808	0.9	100	CM130		B5									
2.2								3.0							
90L2 (2800 об/мин)	373	51	2.0	7.5	CM063			100LA2 (2800 об/мин)	373	69	2.3	7.5	CM075		
	280	66	1.7	10	CM063			280	91	1.9	10	CM075			
	187	97	1.2	15	CM063			187	134	1.4	15	CM075			
	140	126	0.8	20	CM063			187	135	2.2	15	CM090		B5/B14	
	187	98	1.9	15	CM075		B5/B14	140	176	1.6	20	CM090		B5/B14	
	140	128	1.3	20	CM075		B5/B14	112	217	1.2	25	CM090		B5/B14	
	112	158	1.0	25	CM075		B5/B14	93	255	1.4	30	CM090		B5/B14	
	93	182	1.1	30	CM075		B5/B14	112	220	2.2	25	CM110		B5/B14	
	112	159	1.6	25	CM090		B5/B14	93	252	2.3	30	CM110		B5/B14	
	93	187	1.9	30	CM090		B5/B14	70	332	1.7	40	CM110		B5/B14	
70	240	1.3	40	CM090		B5/B14	56	404	1.3	50	CM110		B5/B14		
56	293	1.0	50	CM090		B5/B14	47	473	0.9	60	CM110		B5/B14		
70	243	2.3	40	CM110		B5/B14									
56	296	1.7	50	CM110		B5/B14									
47	347	1.3	60	CM110		B5/B14									
35	438	0.9	80	CM110		B5/B14									
								100LB4 (1400 об/мин)							
								187	137	1.6	7.5	CM075			
								140	178	1.3	10	CM075			
								93	258	1.0	15	CM075			
								187	138	2.3	7.5	CM090		B5/B14	
								140	180	2.0	10	CM090		B5/B14	



Соединительные адаптеры для моторов IEC

IEC Motor adapters

	IEC	N	M	P	D	i																	
						5	7.5	10	15	20	25	30	40	50	60	80	100						
CM026	56B14	50	65	80	9																		
CM030	63B5	95	115	140	11																		
	63B14	60	75	90																			
	56B5	80	100	120	9	B	B	B	B	B	B	B	B	B									
	56B14	50	65	80																			
CM040	71B5	110	130	160	14																		
	71B14	70	85	105																			
	63B5	95	115	140	11	B	B	B	B	B	B	B	B										
	63B14	60	75	90																			
	56B5	80	100	120	9	BS	BS	BS	BS	BS	BS	BS	BS	B	B	B	B						
	56B14	50	65	80																			
CM050	80B5	130	165	200	19																		
	80B14	80	100	120																			
	71B5	110	130	160	14	B	B	B	B	B	B												
	71B14	70	85	105																			
	63B5	95	115	140	11	BS	BS	BS	BS	BS	BS	B	B	B	B								
	63B14	60	75	90																			
CM063	90B5	130	165	200	24																		
	90B14	95	115	140																			
	80B5	130	165	200	19	B	B	B	B	B	B												
	80B14	80	100	120																			
	71B5	110	130	160	14	BS	BS	BS	BS	BS	BS	B	B	B									
	71B14	70	85	105																			
CM075	90B5	130	165	200	24	B	B	B															
	90B14	95	115	140																			
	80B5	130	165	200	19	BS	BS	BS	B	B	B	B											
	80B14	80	100	120																			
	71B5	110	130	160	14				BS	BS	BS	BS	B	B	B	B							
	CM090	100/112B5	180	215	250	28																	
100/112B14		110	130	160																			
90B5		130	165	200	24	B	B	B	B	B	B												
90B14		95	115	140																			
80B5		130	165	200	19	BS	BS	BS	BS	BS	BS	B	B	B									
80B14		80	100	120																			
CM110	100/112B5	180	215	250	28																		
	100/112B14	110	130	160																			
	90B5	130	165	200	24	BS	BS	BS	BS	BS	B	B	B	B									
	90B14	95	115	140																			
	80B5	130	165	200	19						BS	BS	BS	BS	B	B							
	CM130	132B5	230	265	300	38																	
132B14		130	165	200																			
100/112B5		180	215	250	28	B	B	B	B	B	B												
90B5		130	165	200	24	BS	BS	BS	BS	BS	B	B	B	B									
90B14		95	115	140																			
80B5	130	165	200	19						BS	BS	BS	BS	B	B								
CM130	132B5	230	265	300	38																		
	132B14	130	165	200																			
	100/112B5	180	215	250	28	B	B	B	B	B	B												
	90B5	130	165	200	24	BS	BS	BS	BS	BS	BS	B	B	B	B								
80B5	130	165	200	19									BS	BS	BS	BS							



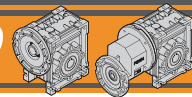
ВНИМАНИЕ

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

N.B. Grey areas indicate motor inputs available on each size of unit.

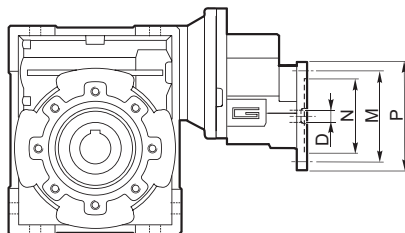
B/BS = Необходимо применение переходной втулки

B/BS = Metal shaft sleeve



Соединительные адаптеры для моторов IEC

IEC Motor adapters



CMP	IEC	N	M	P	D	i (i ₁ x i ₂)							
						60 (3x20)	75 (3x25)	90 (3x30)	120 (3x40)	150 (3x50)	180 (3x60)	240 (3x80)	300 (3x100)
056/030	56 B14	50	65	80	9								
056/040						B	B	B	B				
063/040	63 B14	60	75	90	11								
063/050						B	B	B					
063/063						BS	BS	BS	B	B	B		
071/050	71 B14	70	85	105	14								
071/063						B	B	B					
071/075						B	B	B	B				
071/090						BS	BS	BS	B	B	B		
080/063	80 B14	80	100	120	19								
080/075													
080/090						B	B	B					
080/110						BS	BS	B	B	B	B		
080/130						BS	BS	BS	BS	B	B	B	B

CM/CMP

ВНИМАНИЕ

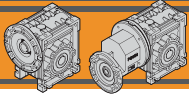
Серым выделены возможные варианты соединений редукторов с моторами в зависимости от габарита редуктора и его передаточного числа.

B/BS = Необходимо применение переходной втулки

N.B. Grey areas indicate motor inputs available on each size of unit.

B/BS = Metal shaft sleeve

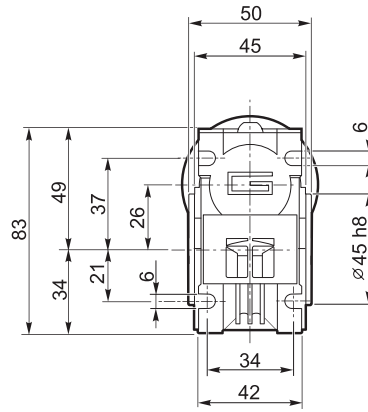
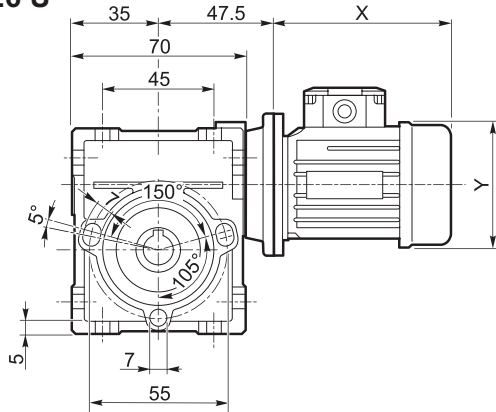




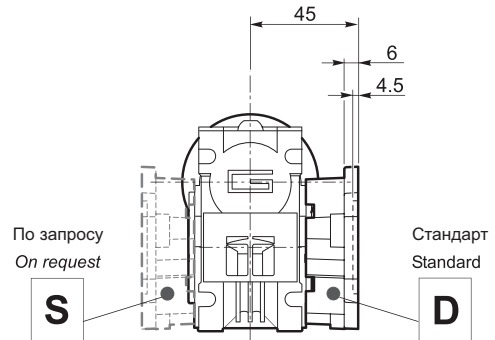
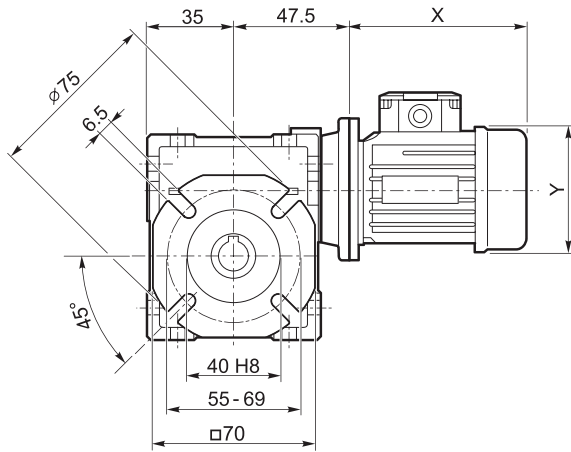
Габаритные размеры

Dimensions

CM 026 U

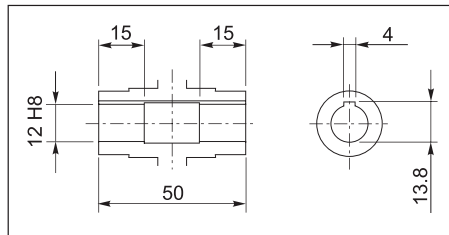
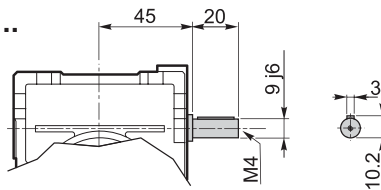


CM 026 FC



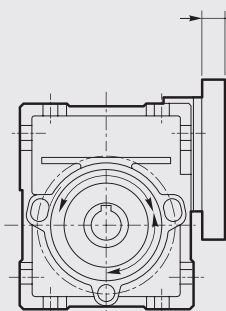
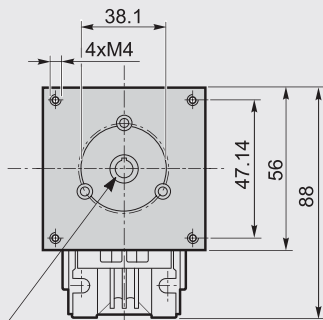
Kg
0.8

CMIS 026 ..



Выходной полый вал / Hollow output shaft

CM 026 .. с фланцем NEMA23 / with NEMA23 flange

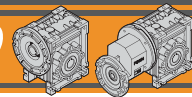


Толщина фланца зависит от длины входного вала.

Flange's thickness may vary depending on motorshaft's length.

Валы соединяются посредством втулки или муфты в зависимости от диаметра вала двигателя.

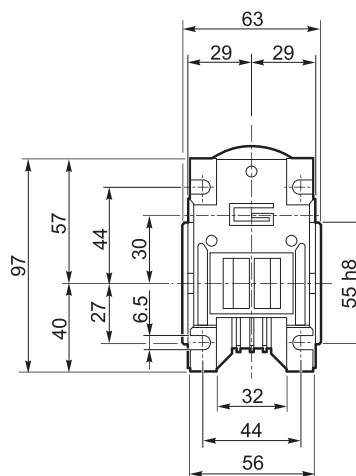
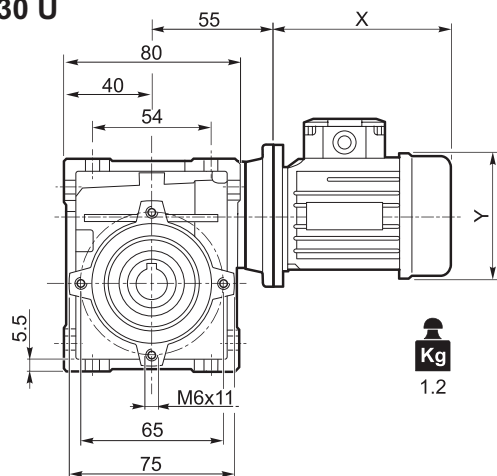
Connection with sleeve or coupling depending on motorshaft's diameter.



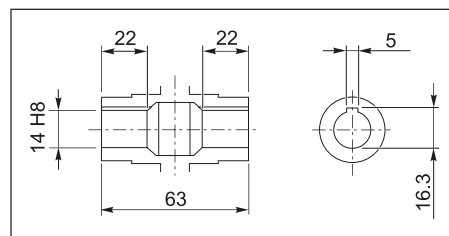
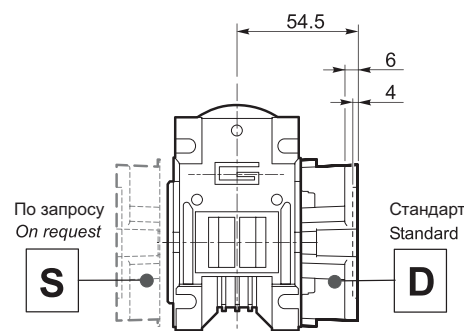
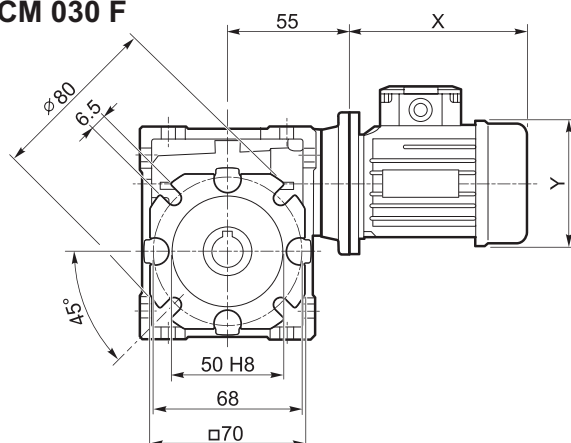
Габаритные размеры

Dimensions

CM 030 U

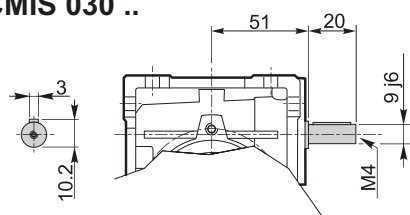


CM 030 F

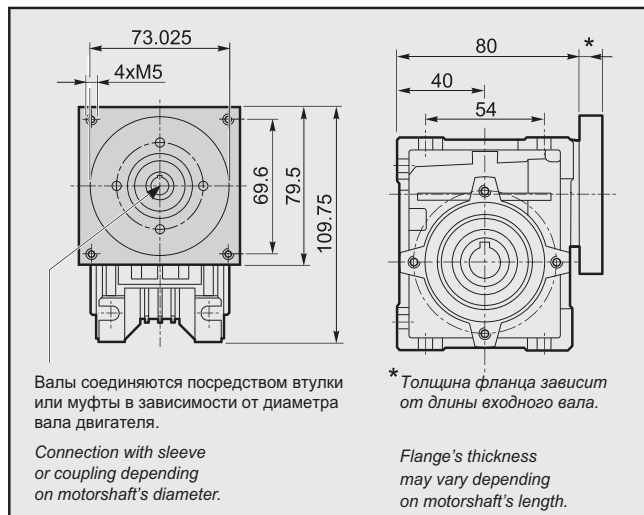


Выходной полый вал / Hollow output shaft

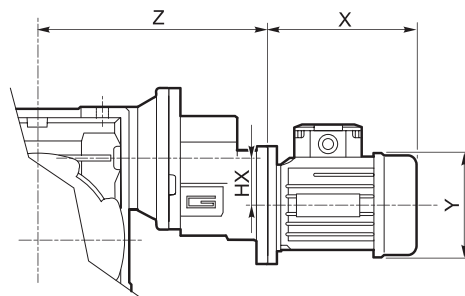
CMIS 030 ..



CM 030 .. с фланцем NEMA34 / with NEMA34 flange

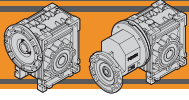


CMP ..



	HX	Z	Kg
056/030	30.5	124	2.1

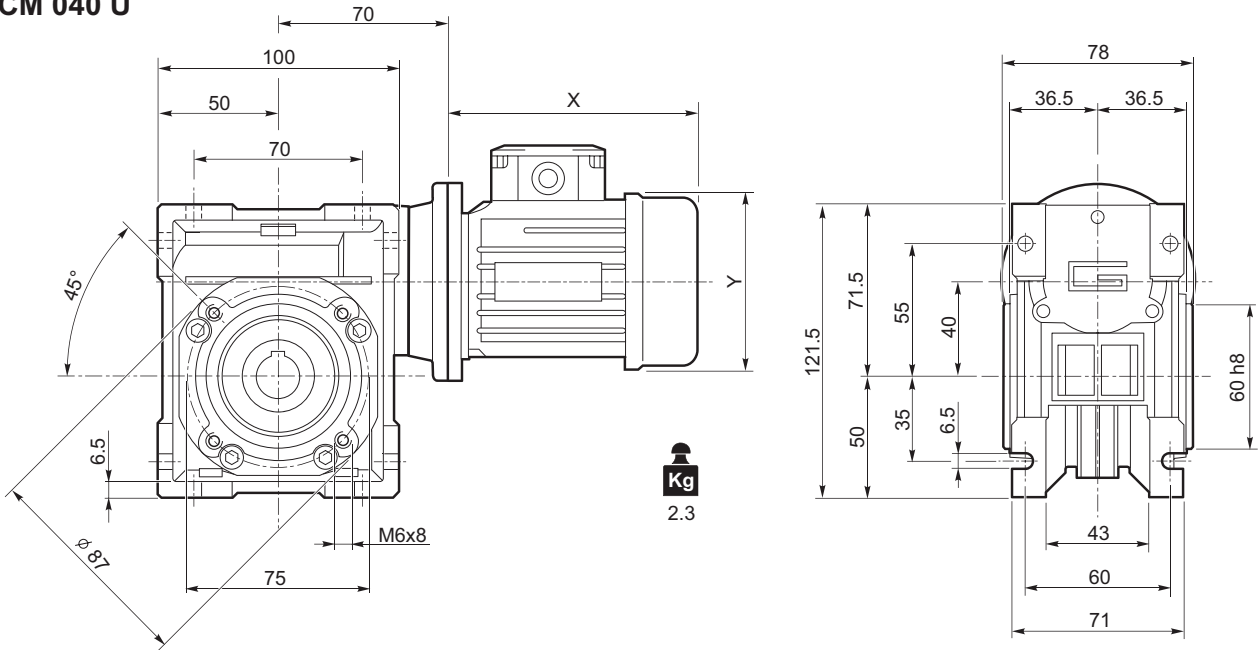




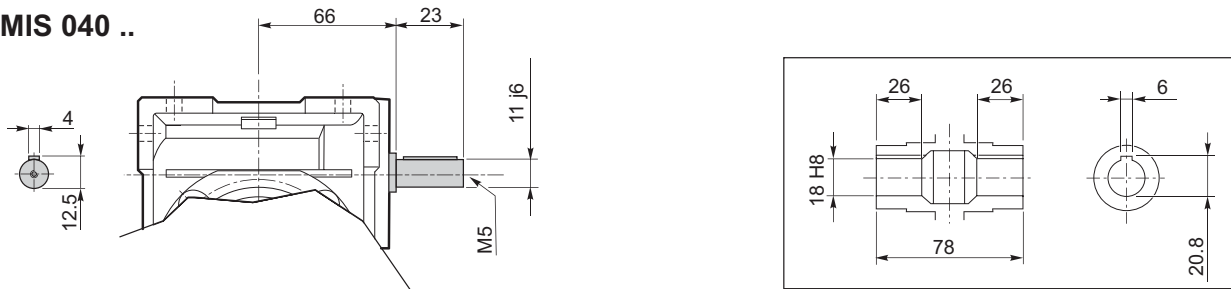
Габаритные размеры

Dimensions

CM 040 U

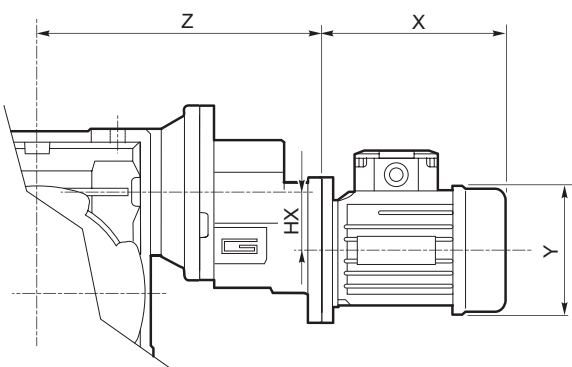


CMIS 040 ..



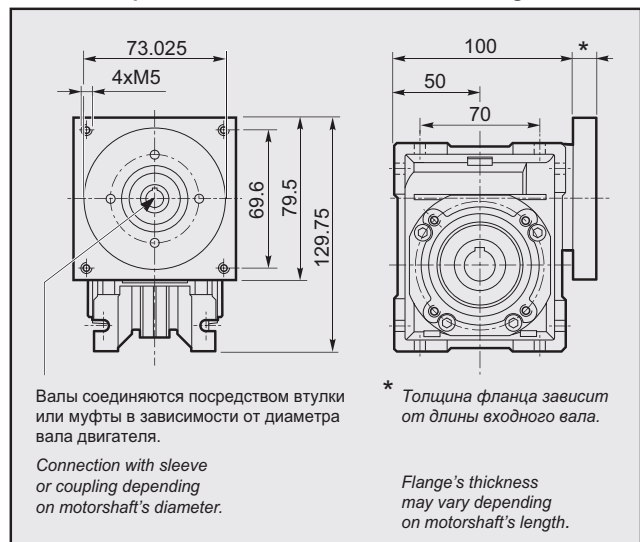
Выходной полый вал / Hollow output shaft

CMP ..



	HX	Z	Kg
056/040	30.5	139	3.2
063/040	30.5	142	3.3

CM 040 .. с фланцем NEMA34 / with NEMA34 flange

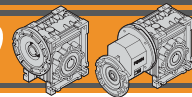


Валы соединяются посредством втулки или муфты в зависимости от диаметра вала двигателя.

Connection with sleeve or coupling depending on motorshaft's diameter.

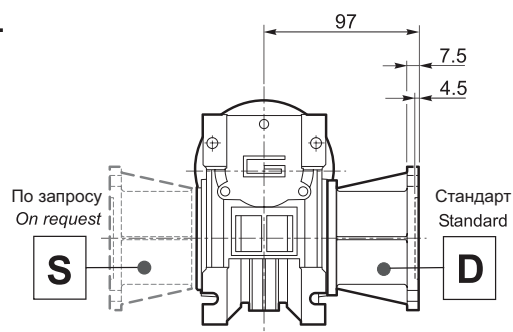
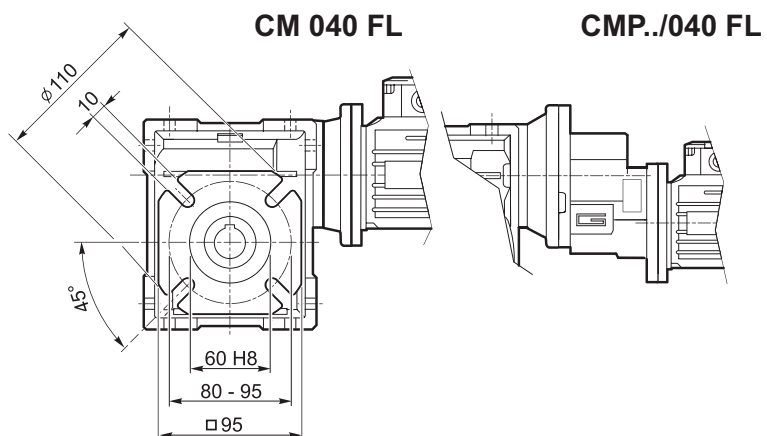
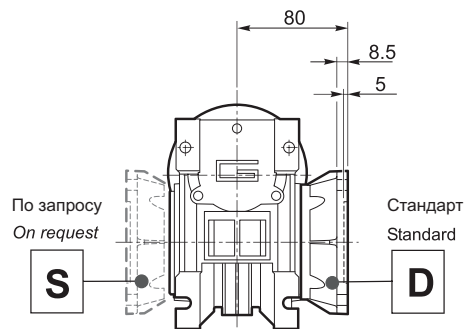
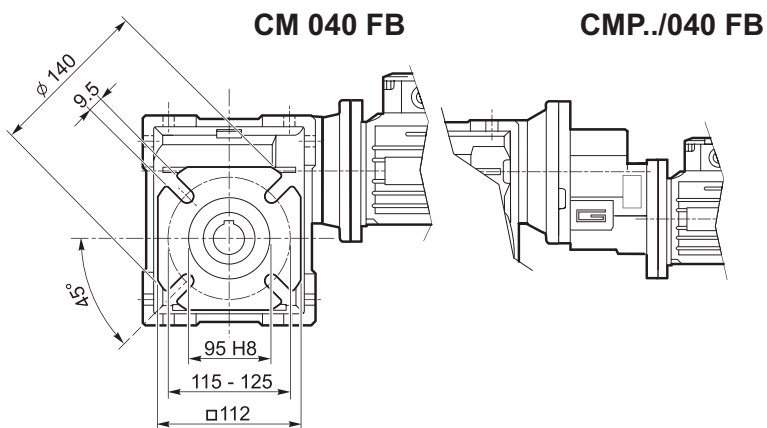
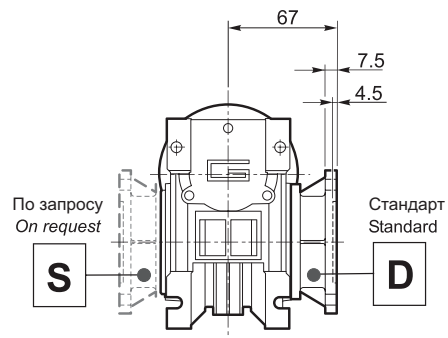
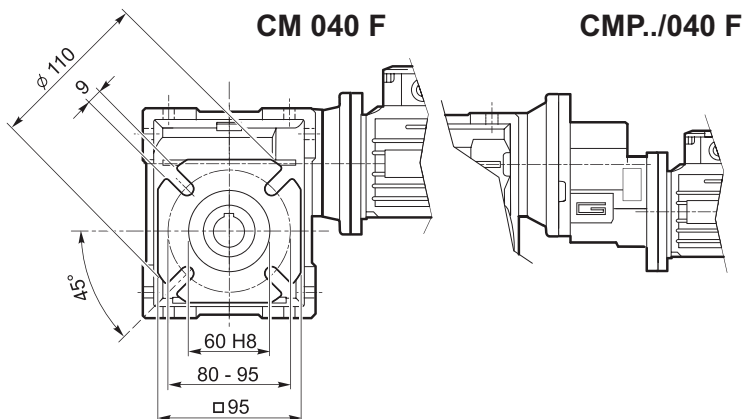
* Толщина фланца зависит от длины входного вала.

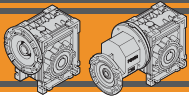
Flange's thickness may vary depending on motorshaft's length.



Габаритные размеры

Dimensions

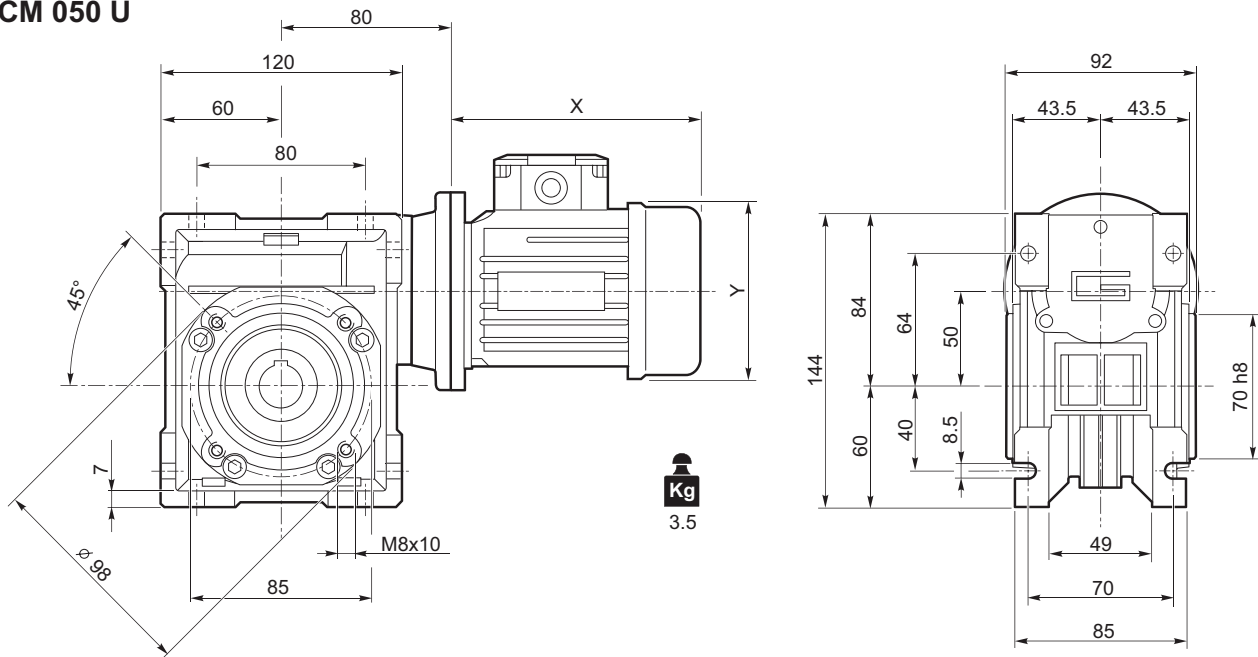




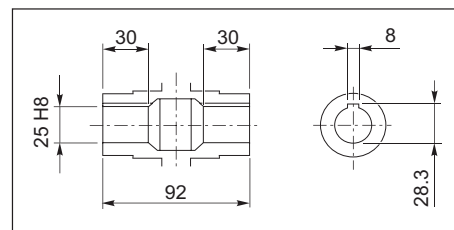
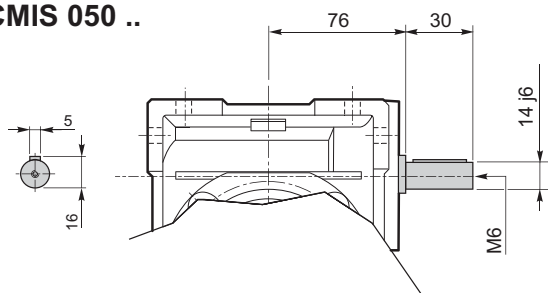
Габаритные размеры

Dimensions

CM 050 U

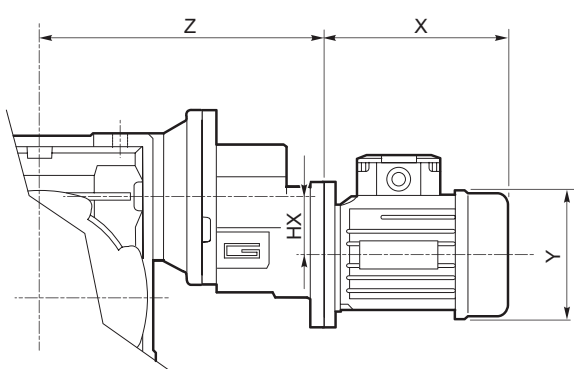


CMIS 050 ..



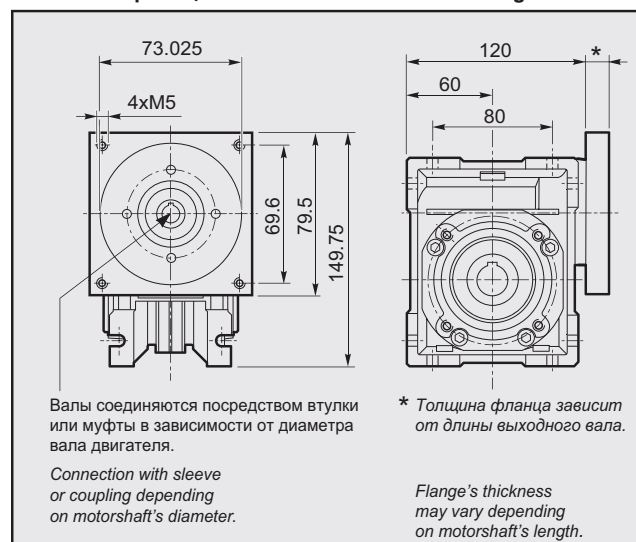
Выходной полый вал / Hollow output shaft

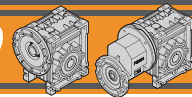
CMP ..



	HX	Z	Kg
063/050	30.5	152	4.5
071/050	41	169	5.5

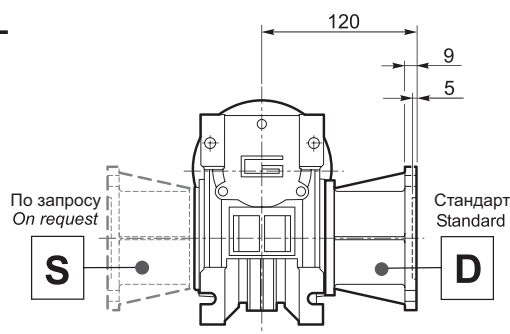
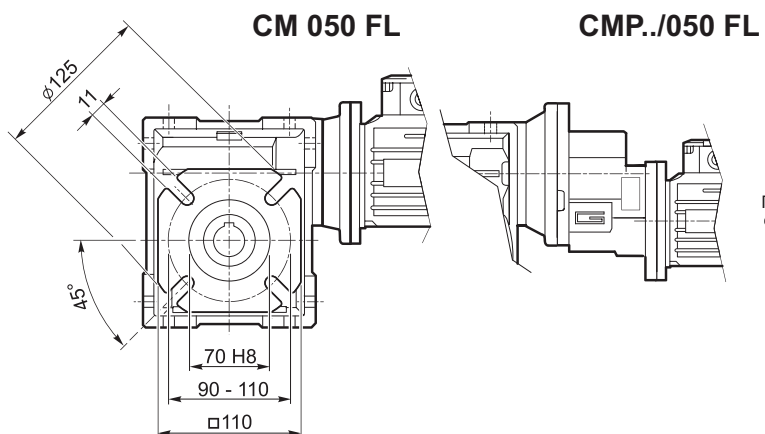
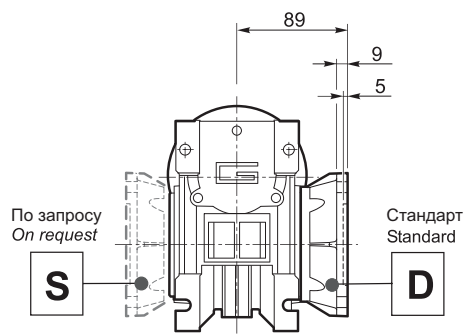
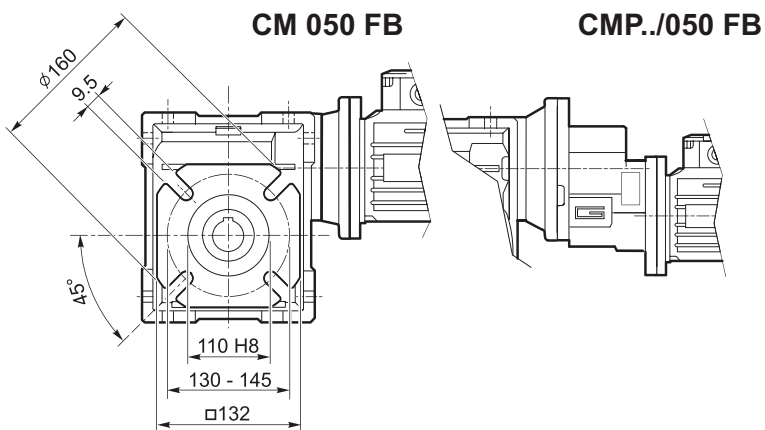
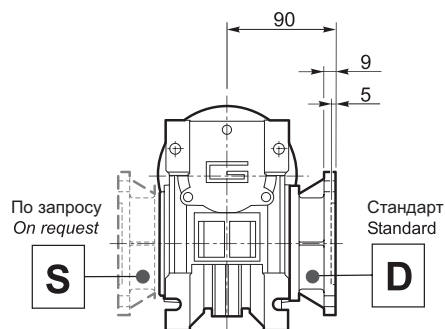
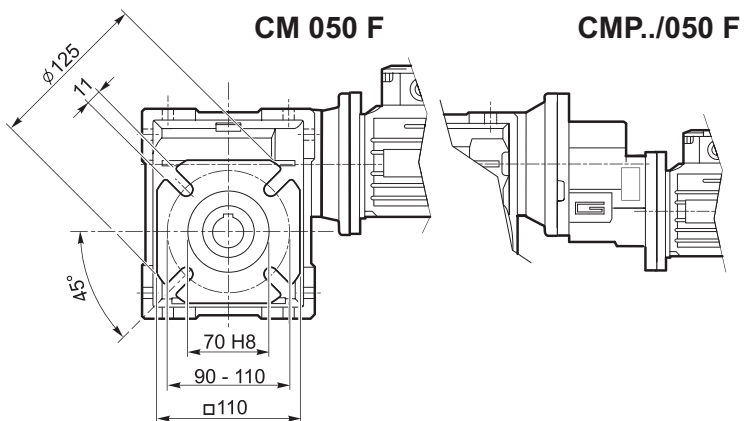
CM 050 .. с фланцем NEMA34 / with NEMA34 flange





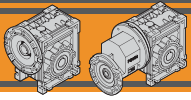
Габаритные размеры

Dimensions



CM/CMP

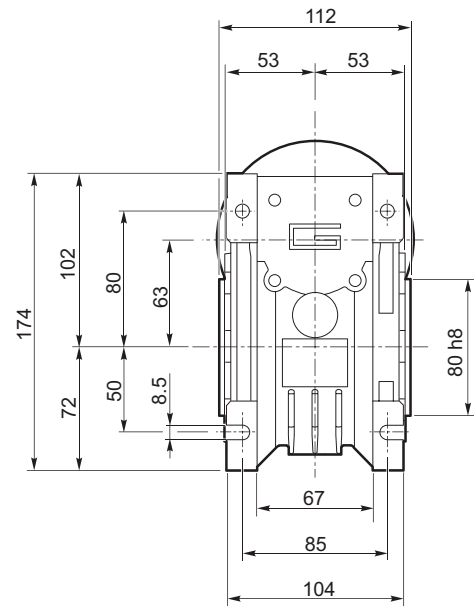
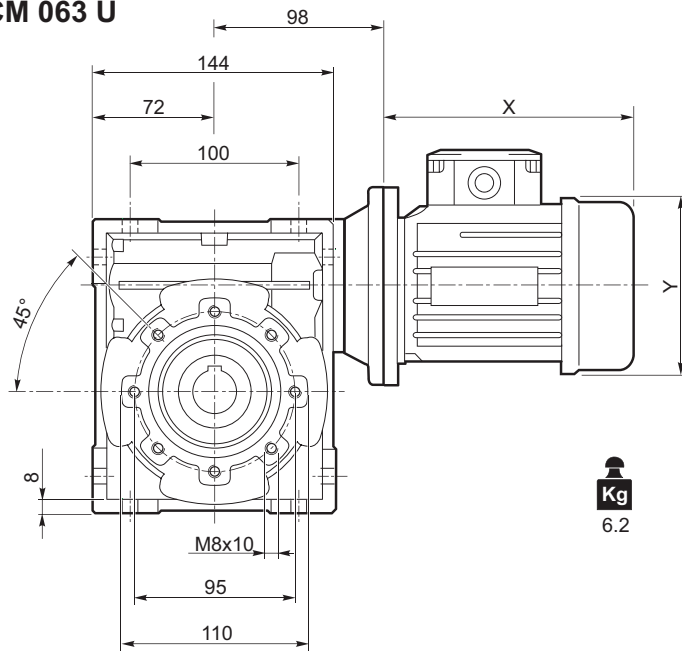




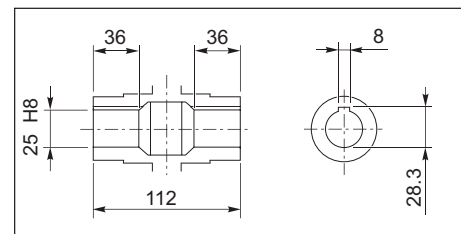
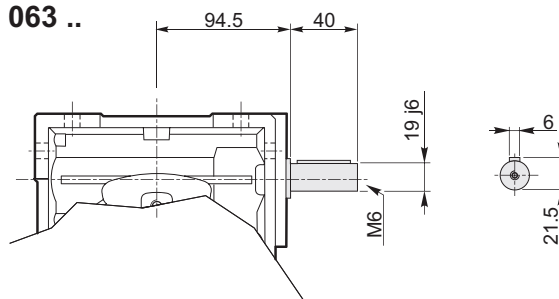
Габаритные размеры

Dimensions

CM 063 U

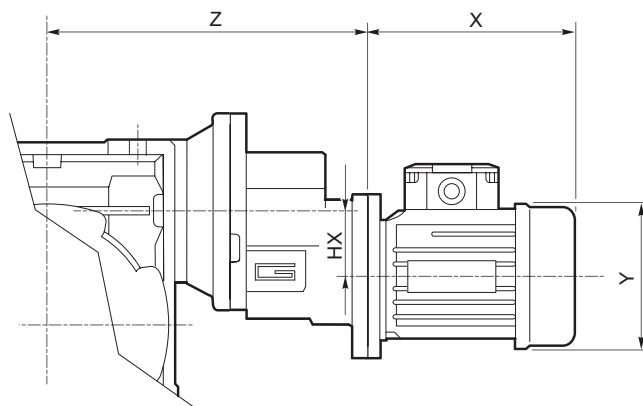


CMIS 063 ..

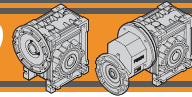


Выходной полый вал / Hollow output shaft

CMP ..

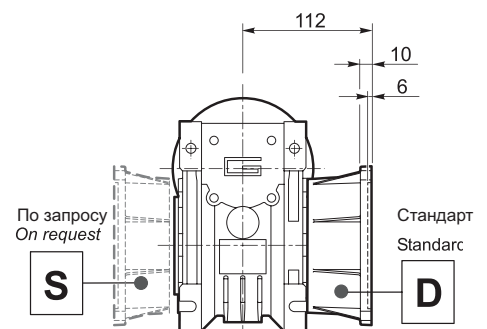
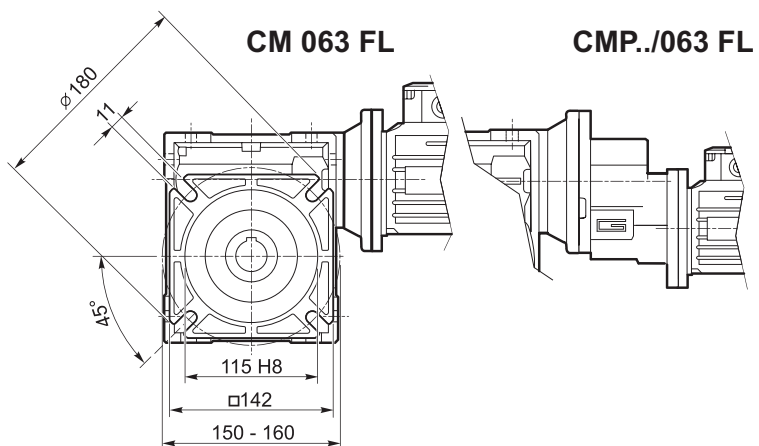
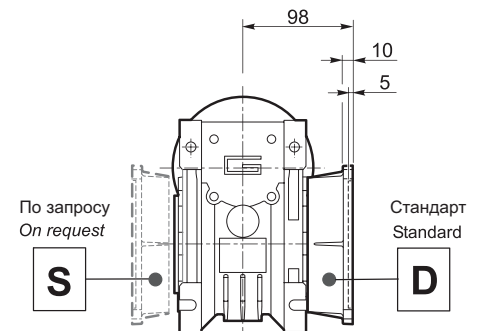
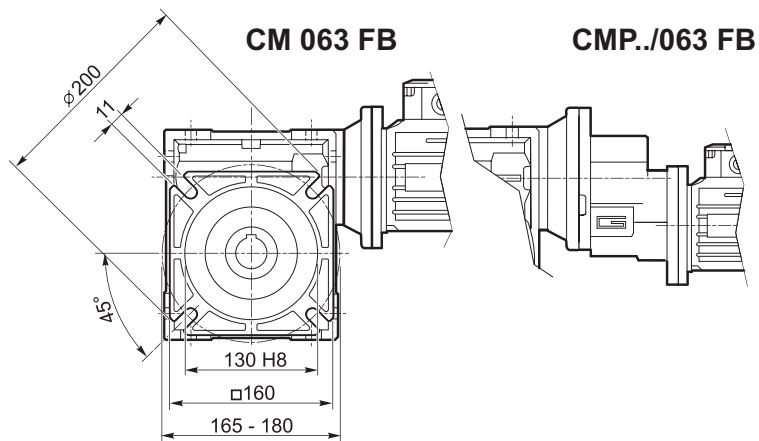
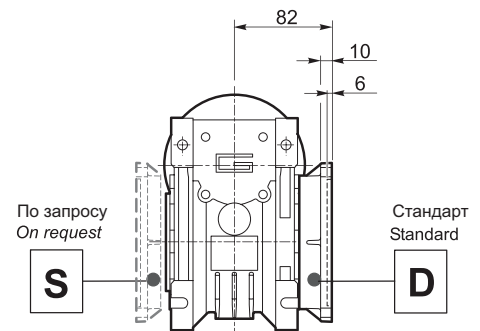
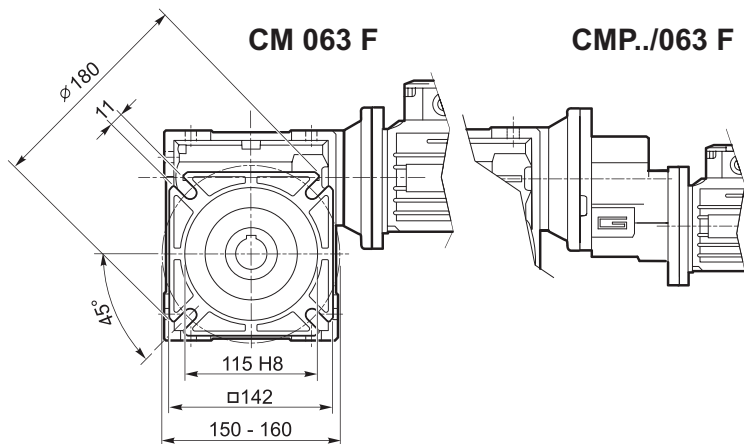


	HX	Z	Kg
063/063	30.5	170	7.2
071/063	41	187	8.2
080/063	41	198	9.0



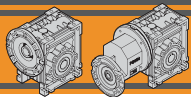
Габаритные размеры

Dimensions



CM/CMP

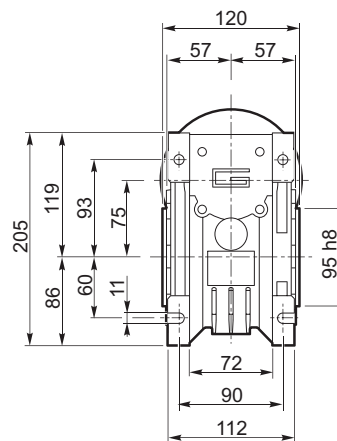
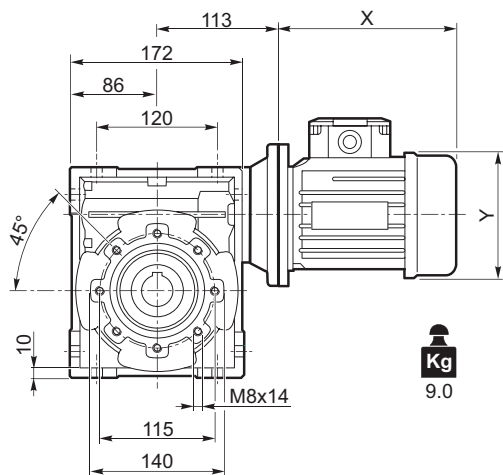




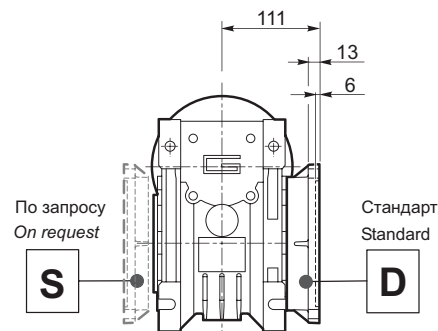
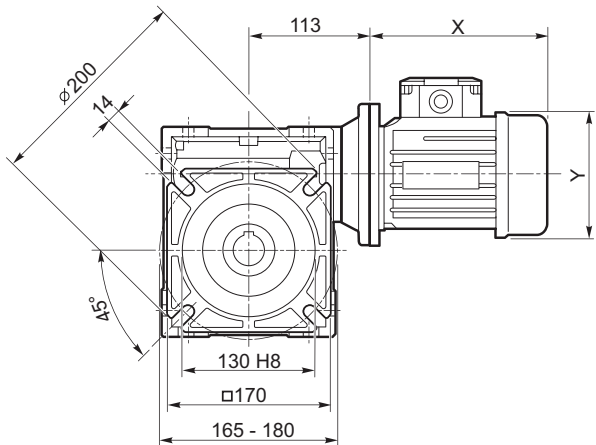
Габаритные размеры

Dimensions

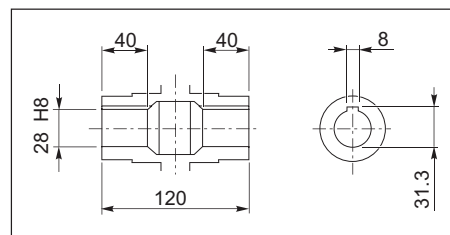
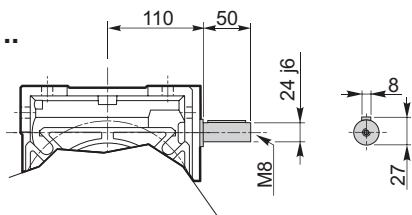
CM 075 U



CM 075 F

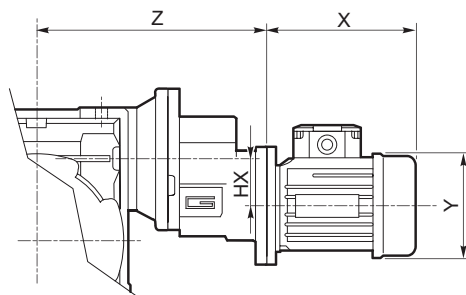


CMIS 075 ..

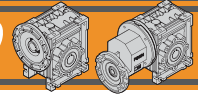


Выходной полый вал / Hollow output shaft

CMP ..



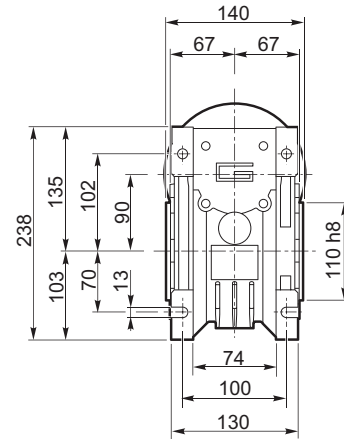
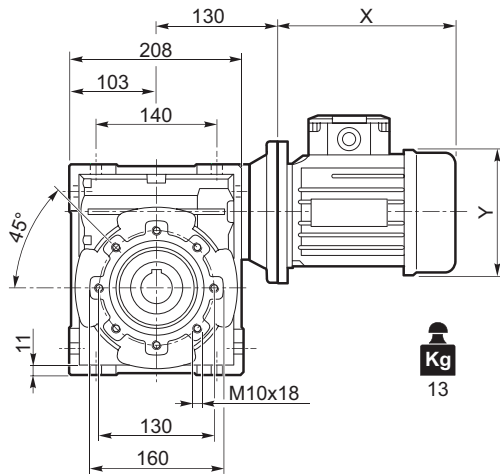
	HX	Z	Kg
071/075	41	202	11.0
080/075	41	213	11.8



Габаритные размеры

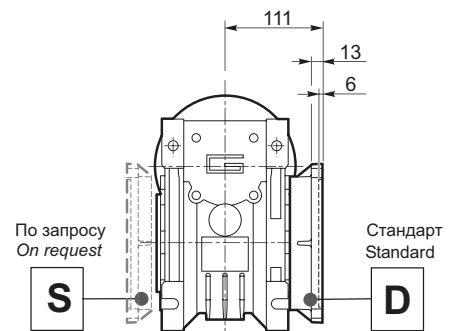
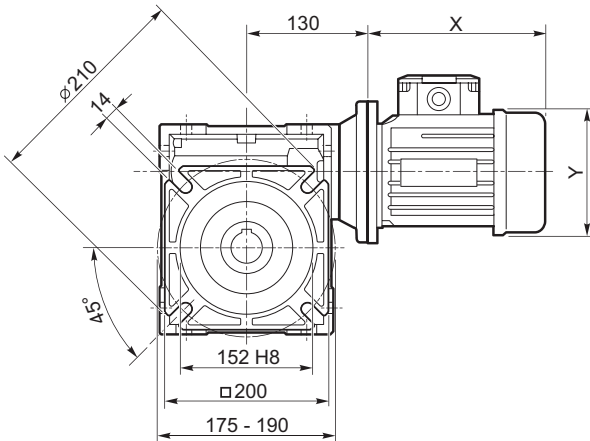
Dimensions

CM 090 U

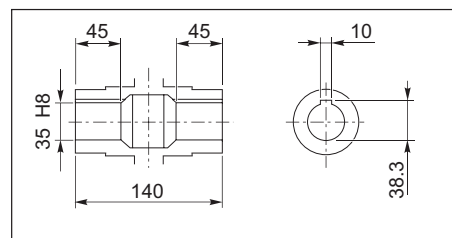
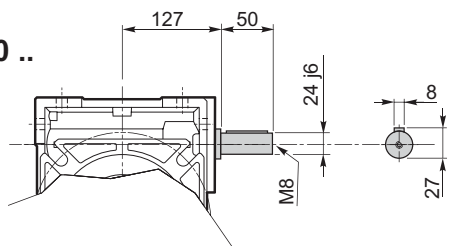


CM/CMP

CM 090 F

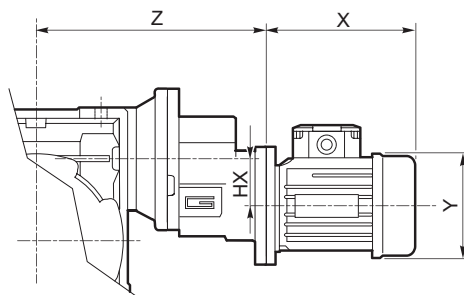


CMIS 090 ..



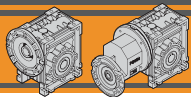
Выходной полый вал / Hollow output shaft

CMP ..



	HX	Z	Kg
071/090	41	219	15.0
080/090	41	230	15.8

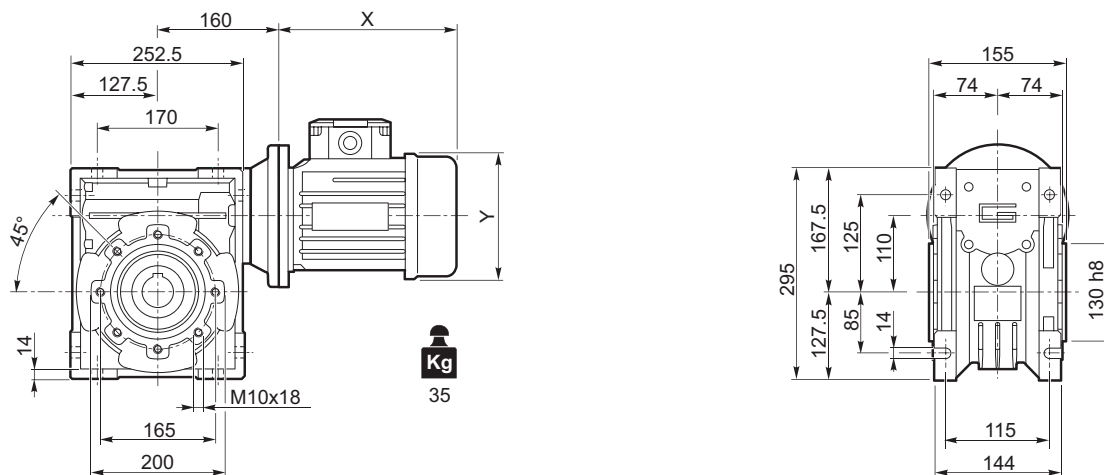




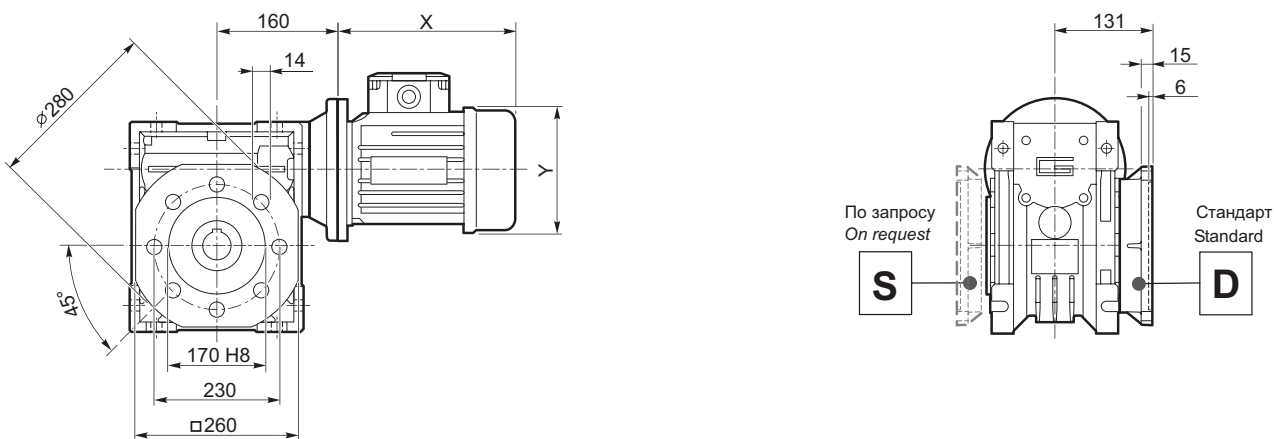
Габаритные размеры

Dimensions

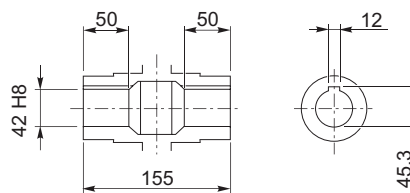
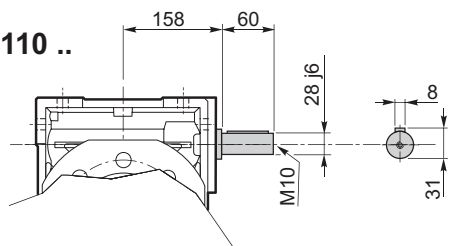
CM 110 U



CM 110 F

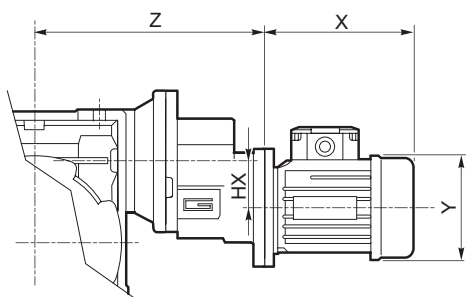


CMIS 110 ..

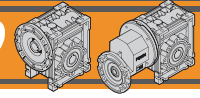


Выходной полый вал / Hollow output shaft

CMP ..



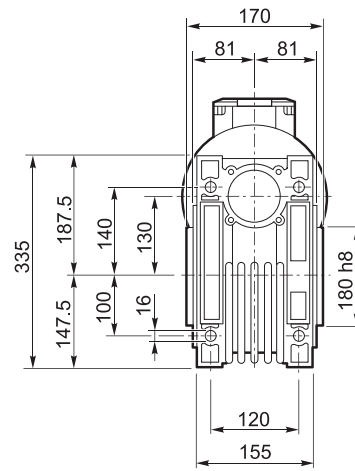
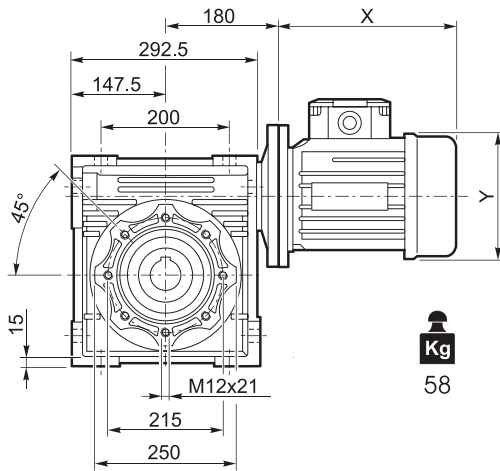
	HX	Z	Kg
080/110	41	260	37.8



Габаритные размеры

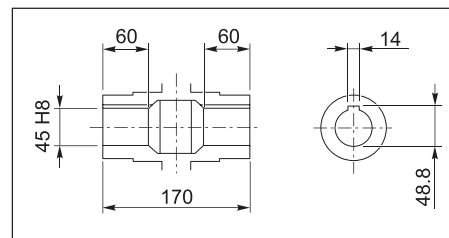
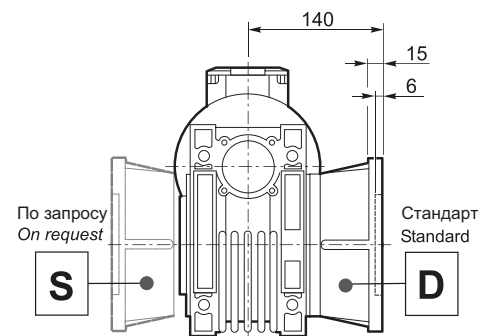
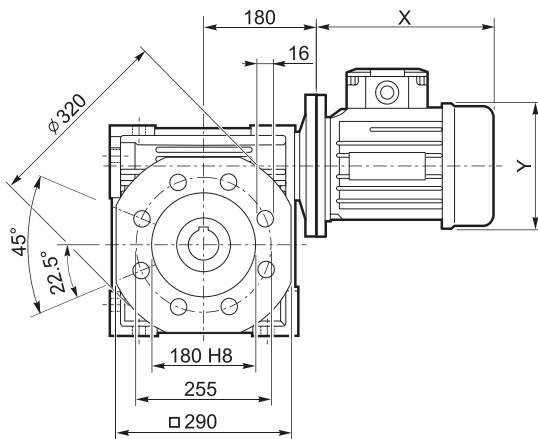
Dimensions

CM 130 U



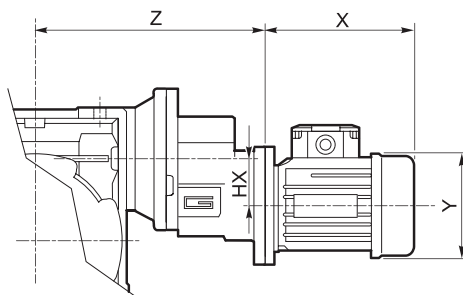
CM/CMP

CM 130 F



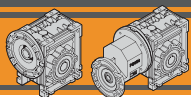
Выходной полый вал / Hollow output shaft

CMP ..



	HX	Z	Kg
080/130	41	280	60.8





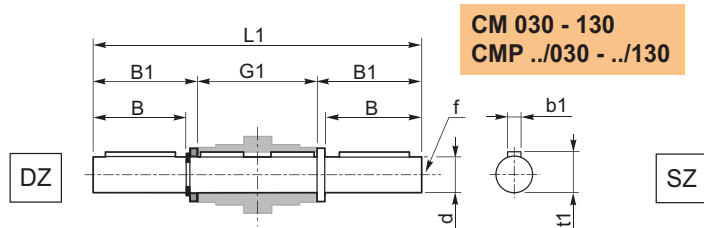
CM/CMP ЧЕРВЯЧНЫЕ РЕДУКТОРЫ WORMGEARBOXES

Аксессуары

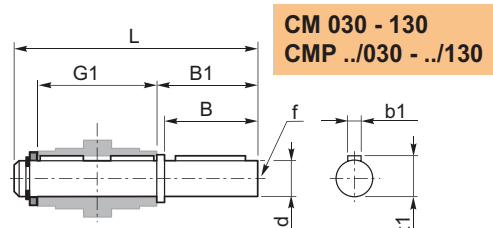
Accessories

Одно- и двухсторонний выходной вал

Single and double output shaft



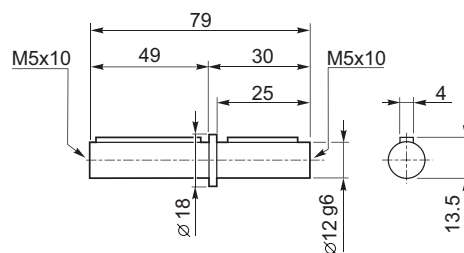
CM 030 - 130
CMP ../030 - ../130



CM 030 - 130
CMP ../030 - ../130

CM	CMP	d _{h7}	B	B1	G1	L	L1	f	b1	t1
030	056/030	14	30	32.5	63	102	128	M6	5	16
040	056/040 063/040	18	40	43	78	128	164	M6	6	20.5
050	063/050 071/050	25	50	53.5	92	153	199	M10	8	28
063	063/063 071/063 080/063	25	50	53.5	112	173	219	M10	8	28
075	071/075 080/075	28	60	63.5	120	192	247	M10	8	31
090	071/090 080/090	35	80	84.5	140	234	309	M12	10	38
110	080/110	42	80	84.5	155	249	324	M16	12	45
130	080/130	45	80	85	170	265	340	M16	14	48.5

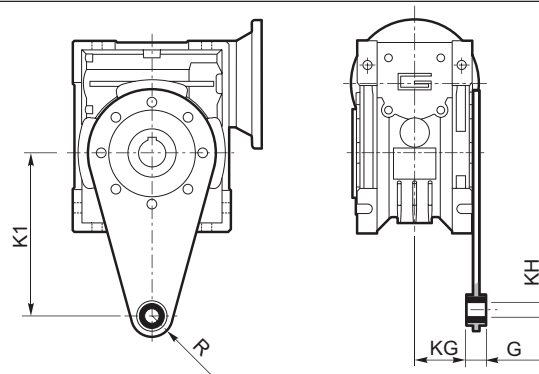
CM 026



Удерживающий рычаг

Torque arm

CM	CMP	K1	G	KG	KH	R
030	056/030	85	14	23	8	15
040	056/040 063/040	100	14	31	10	18
050	063/050 071/050	100	14	38	10	18
063	063/063 071/063 080/063	150	14	47.5	10	18
075	071/075 080/075	200	25	46.5	20	30
090	071/090 080/090	200	25	56.5	20	30
110	080/110	250	30	62	25	35
130	080/130	250	30	69	25	35

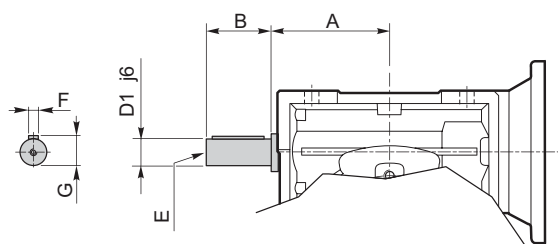


Опции

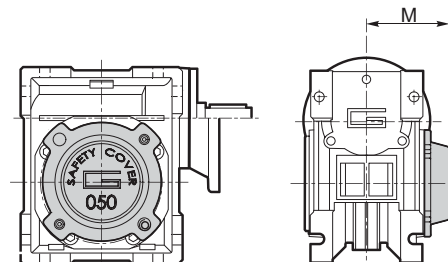
Options

VS - Дополнительный входной вал / Extended input shaft

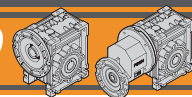
SC - Защитная крышка



CM	CMP	A	B	D ₁ _{j6}	E	F	G
030	056/030	45	20	9	M4	3	10.2
040	056/040 063/040	53	23	11	M5	4	12.5
050	063/050 071/050	64	30	14	M6	5	16
063	063/063 071/063 080/063	75	40	19	M6	6	21.5
075	071/075 080/075	90	50	24	M8	8	27
090	071/090 080/090	108	50	24	M8	8	27
110	080/110	—	—	—	—	—	—
130	080/130	—	—	—	—	—	—



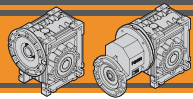
CM	CMP	M
030	056/030	47
040	056/040 063/040	54.5
050	063/050 071/050	62.5
063	063/063 071/063 080/063	73
075	071/075 080/075	79
090	071/090 080/090	94
110	080/110	102
130	080/130	117



Заметки

CM/СМР





СМ/СМР

ЧЕРВЯЧНЫЕ РЕДУКТОРЫ
WORMGEARBOXES

Заметки
