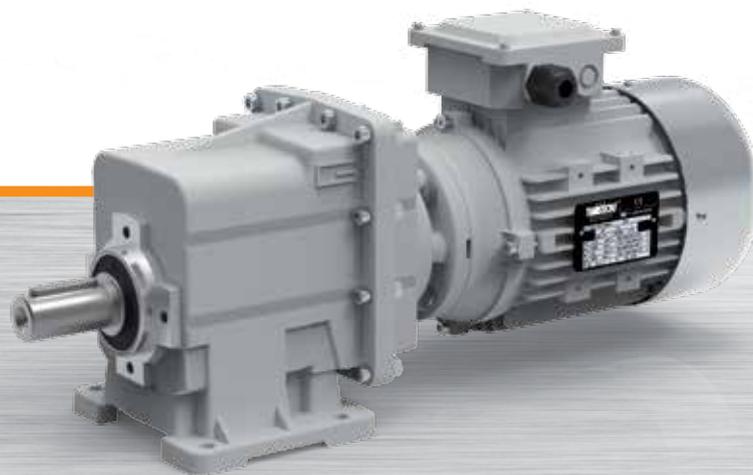
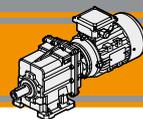




Motoriduttori ad ingranaggi cilindrici
Helical in-line gearmotors

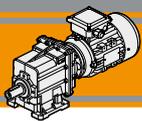




Indice	Index	Pag. Page
Caratteristiche tecniche	<i>Technical features</i>	B2
Designazione	<i>Classification</i>	B2
Sensi di rotazione	<i>Direction of rotation</i>	B3
Simbologia	<i>Symbols</i>	B3
Lubrificazione	<i>Lubrication</i>	B4
Carichi radiali	<i>Radial loads</i>	B4
Dati tecnici	<i>Technical data</i>	B5
Dimensioni	<i>Dimensions</i>	B18

Questa sezione annulla e sostituisce ogni precedente edizione o revisione. Qualora questa sezione non Vi sia giunta in distribuzione controllata, l'aggiornamento dei dati ivi contenuto non è assicurato. **In tal caso la versione più aggiornata è disponibile sul nostro sito internet www.transtecno.com**

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CMG

Motoriduttori ad ingranaggi cilindrici Helical in-line gearmotors

Caratteristiche tecniche

Technical features

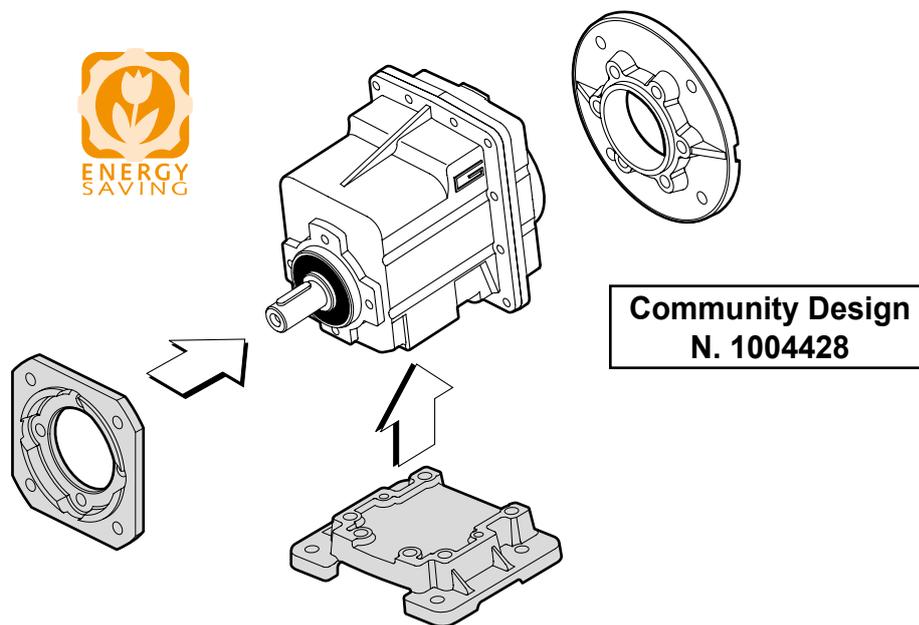
I motoriduttori ad ingranaggi cilindrici della serie CMG sono caratterizzati da un elevato grado di modularità: partendo da un corpo di base è possibile configurarlo secondo le esigenze, con flangia o piede.

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

Caratteristiche comuni a tutta la serie:

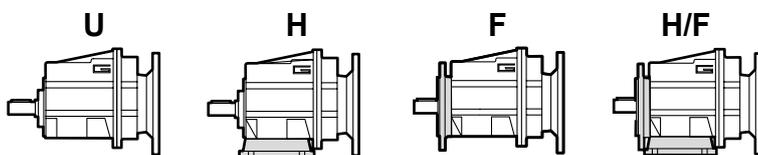
The main features of CMG range are:

- Carcassa e flangia PAM in pressofusione di alluminio per le taglie 00, 01, 02, 03 e 04.
- Piedi e flange d'uscita in ghisa;
- Ingranaggi cilindrici a denti elicoidali, induriti e rettificati;
- Lubrificazione permanente con olio sintetico.
- Die-cast aluminium housings and input flanges for sizes 00, 01, 02, 03 and 04.
- Cast iron feet and output flanges;
- Ground-hardened helical gears;
- Permanent synthetic oil long-life lubrication.



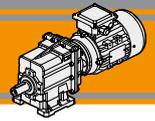
Designazione

Classification



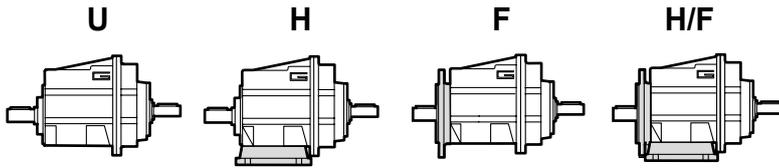
RIDUTTORE / GEARBOX

CMG	01	2	H65	9.81	D20	71	B14
Tipo Type	Grandezza Size	Stadi Stages	Versione Version	Rapporto Ratio	Albero uscita Output shaft	IEC 	Forma costruttiva Version
CMG	00 01 02 03 04	2 3	U... H... F... H.../F...	vedi tabelle see tables	vedi tabelle see tables	56.. — 112..	B5 B14



Designazione

Classification

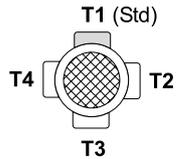


CMG

RIDUTTORE / GEARBOX

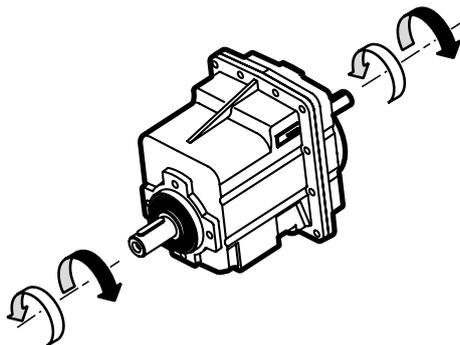
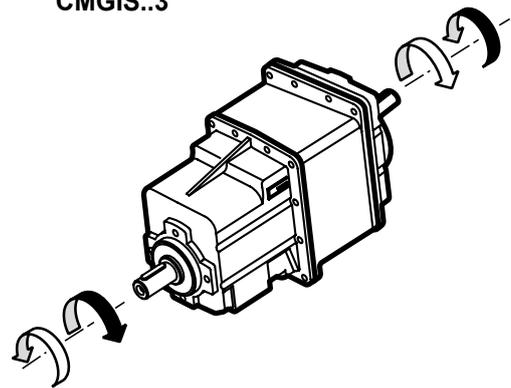
CMGIS	01	2	U	9.81	D20
Tipo <i>Type</i>	Grandezza <i>Size</i>	Stadi <i>Stages</i>	Versione <i>Version</i>	Rapporto <i>Ratio</i>	Albero uscita <i>Output shaft</i>
CMGIS	00 01 02 03 04	2 3	U... H... F... H.../F...	vedi tabelle <i>see tables</i>	vedi tabelle <i>see tables</i>

MOTORE / MOTOR

0.75kW	4p	3ph	230/400V	50Hz	T1
Potenza <i>Power</i>	Poli <i>Poles</i>	Fasi <i>Phases</i>	Tensione <i>Voltage</i>	Frequenza <i>Frequency</i>	Pos. morsettiera <i>Terminal box pos.</i>
vedi tabelle <i>see tables</i>	2p 4p 6p 8p	1ph 3ph	230V 230/400V	50Hz 60Hz	T1 (Std)  T4 T2 T3

Sensi di rotazione

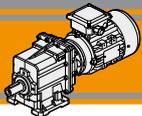
Direction of rotation

 CMG...2
 CMGIS..2

 CMG...3
 CMGIS..3


Simbologia

Symbols

n_1	[min ⁻¹]	Velocità in ingresso / <i>Input speed</i>
n_2	[min ⁻¹]	Velocità in uscita / <i>Output speed</i>
i		Rapporto di riduzione / <i>Ratio</i>
P_1	[kW]	Potenza in entrata / <i>Input power</i>
M_2	[Nm]	Coppia nominale in uscita in funzione di P_1 / <i>Output torque referred to P_1</i>
P_{n1}	[kW]	Potenza nominale in entrata / <i>Nominal input power</i>
M_{n2}	[Nm]	Coppia nominale in uscita in funzione di P_{n1} / <i>Nominal output torque referred to P_{n1}</i>
sf		Fattore di servizio / <i>Service factor</i>
R_2	[N]	Carico radiale ammissibile in uscita / <i>Permitted output radial load</i>
A_2	[N]	Carico assiale ammissibile in uscita / <i>Permitted output axial load</i>



Lubrificazione

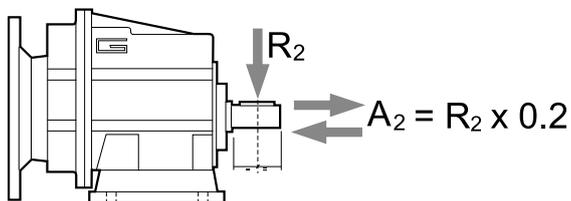
Lubrication

Tutti i motoriduttori nelle taglie 00, 01, 02, 03 e 04 sono forniti completi di lubrificante sintetico viscosità 320, pertanto possono essere installati in qualunque posizione di montaggio e non necessitano di manutenzione.

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.

Carichi radiali

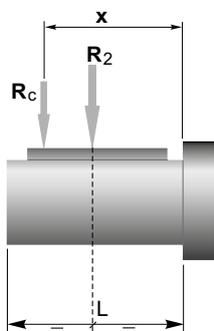
Radial loads



n ₂ [min ⁻¹]	R ₂ [N]				
	CMG 00	CMG 01	CMG 02	CMG 03	CMG 04
700	416	764	1529	1987	2379
600	437	805	1609	2092	2504
500	465	855	1710	2223	2661
400	501	921	1842	2395	2866
250	586	1077	2154	2801	3353
180	653	1323	2554	3321	3897
150	748	1406	2714	3529	4244
120	806	1631	3467	3801	4572
100	958	1842	3684	4507	5234
80	1032	1984	3969	5042	5991
60	1136	2184	4368	5549	6594
40	1300	2500	5000	6500	8000
10	1300	2500	5000	6500	8000

Quando il carico radiale risultante non è applicato sulla mezzeria dell'albero occorre calcolare quello effettivo con la seguente formula:

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:

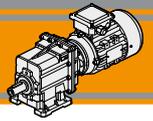


	CMG 00	CMG 01	CMG 02	CMG 03	CMG 04
a	73	104	117	132	150
b	53	84	92	102	115
R _{2MAX}	1300	2500	5000	6500	8000

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

a, b = valori riportati nella tabella
a, b = values given in the table

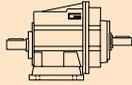
$$R \leq R_c$$



Dati tecnici

n_1 1400 min⁻¹

Technical data

	n_2 [min ⁻¹]	Mn_2 [Nm]	Pn_1 [kW]	i	IEC Motori applicabili IEC Motor adapters			
					56 B5/B14	63 B5/B14	71 B5/B14	80 B5/B14
CMGIS 002								
	279	40	1.2	5.03				
	230	40	1.0	6.10				
	187	40	0.82	7.49				
	156	50	0.85	8.99				
	138	50	0.75	10.16				
	116	50	0.63	12.07				
	105	70	0.80	13.40				
	92.5	70	0.71	15.14				
	77.1	70	0.59	18.17				
	64.9	70	0.50	21.58				
	59.6	70	0.45	23.51				
	55.8	70	0.43	25.10				*
	51.7	70	0.39	27.08				*
	43.1	70	0.33	32.49				*
	33.3	70	0.25	42.04				*
	31.2	70	0.24	44.89				*
	28.7	70	0.22	48.86				*
	25.4	70	0.19	55.10				*

CMG

N.B.
Le aree evidenziate indicano l'applicabilità della corrispondente grandezza motore.

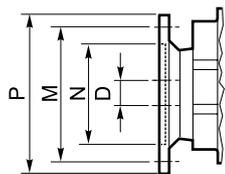
N.B.
Highlighted areas indicate motor inputs available on each size of unit.

 * = Il fattore di servizio (sf) deve essere scelto in funzione dell'applicazione: si prega di contattare il nostro Servizio Tecnico.

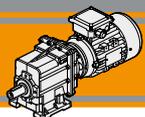
 * = The service factor (sf) has to be selected depending on application: please contact our Technical Department.

Prima di eseguire la scelta del motoriduttore riferirsi alle prestazioni elencate nelle tabelle dalla pag. B11 alla pag. B17

Before selecting any gearbox, please read the performance values shown in the tables on page B11 to B17.



Dimensioni IEC / IEC Dimensions								
	56 B5	56 B14	63 B5	63 B14	71 B5	71 B14	80 B5	80 B14
N	80	50	95	60	110	70	130	80
M	100	65	115	75	130	85	165	100
P	120	80	140	90	160	105	200	120
D	9		11		14		19	



CMG

Motoriduttori ad ingranaggi cilindrici Helical in-line gearmotors

Dati tecnici**n₁ 1400 min⁻¹****Technical data**

	n₂ [min ⁻¹]	Mn₂ [Nm]	Pn₁ [kW]	i
---	--	-------------------------------	-------------------------------	----------

IEC Motori applicabili IEC Motor adapters				
56 B5/B14	63 B5/B14	71 B5/B14	80 B5/B14	90 B5/B14

CMGIS 012

367	60	2.4	3.82
302	60	2.0	4.63
246	60	1.6	5.69
181	80	1.6	7.72
153	80	1.3	9.17
143	80	1.2	9.81
122	100	1.3	11.50
118	100	1.3	11.90
101	120	1.3	13.80
95.7	120	1.3	14.62
78.4	120	1.0	17.86
73.4	120	1.0	19.07
70.6	120	0.92	19.83
59.4	120	0.78	23.56
47.4	120	0.62	29.56
39.5	120	0.52	35.47
30.5	120	0.40	45.89
28.6	120	0.37	49.00
26.3	120	0.34	53.33
23.3	120	0.30	60.15

				*
				*
				*
			*	*
			*	*
			*	*
			*	*
			*	*

CMGIS 013

22.1	120	0.30	63.22
18.6	120	0.25	75.08
15.7	120	0.21	89.17
12.4	120	0.17	113.05
10.4	120	0.14	134.27
8.1	120	0.11	173.72
6.9	120	0.09	202.16
5.4	120	0.07	261.57
4.6	120	0.06	304.00
3.6	120	0.05	393.33
3.2	120	0.04	443.59

			*	*
			*	*
			*	*
		*	*	*
		*	*	*
		*	*	*
		*	*	*
		*	*	*
		*	*	*
		*	*	*
		*	*	*
		*	*	*
		*	*	*
		*	*	*
		*	*	*
		*	*	*

N.B.
Le aree evidenziate indicano l'applicabilità della corrispondente grandezza motore.

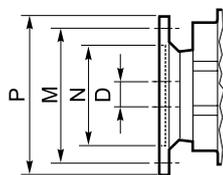
N.B.
Highlighted areas indicate motor inputs available on each size of unit.

! * = Il fattore di servizio (sf) deve essere scelto in funzione dell'applicazione: si prega di contattare il nostro Servizio Tecnico.

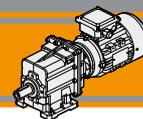
! * = The service factor (sf) has to be selected depending on application: please contact our Technical Department.

Prima di eseguire la scelta del motoriduttore riferirsi alle prestazioni elencate nelle tabelle dalla pag. B11 alla pag. B17

Before selecting any gearbox, please read the performance values shown in the tables on page B11 to B17.



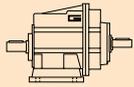
Dimensioni IEC / IEC Dimensions										
	56 B5	56 B14	63 B5	63 B14	71 B5	71 B14	80 B5	80 B14	90 B5	90 B14
N	80	50	95	60	110	70	130	80	130	95
M	100	65	115	75	130	85	165	100	165	115
P	120	80	140	90	160	105	200	120	200	140
D	9		11		14		19		24	



Dati tecnici

n_1 1400 min⁻¹

Technical data

	n_2 [min ⁻¹]	Mn_2 [Nm]	Pn_1 [kW]	i	IEC Motori applicabili IEC Motor adapters					
					56 B5/B14	63 B5/B14	71 B5/B14	80 B5/B14	90 B5/B14	
CMGIS 022										
	383	100	4.2	3.66						
	316	100	3.4	4.43						
	257	100	2.8	5.45						
	190	120	2.5	7.39						
	159	120	2.1	8.78						
	141	120	1.8	9.93						
	127	200	2.8	11.01						
	116	200	2.5	12.05						
	106	200	2.3	13.21						
	94.6	200	2.1	14.81						
	81.9	160	1.4	17.10						
	76.7	160	1.3	18.26						
	69.7	200	1.5	20.08						
	58.7	200	1.3	23.85						
	46.8	200	1.0	29.93						
	39.0	200	0.85	35.91						
	30.1	200	0.66	46.46						*
	28.2	200	0.62	49.61						*
	25.9	200	0.57	54.00						*
	23.0	200	0.50	60.90						*

	n_2 [min ⁻¹]	Mn_2 [Nm]	Pn_1 [kW]	i	IEC Motori applicabili IEC Motor adapters					
					56 B5/B14	63 B5/B14	71 B5/B14	80 B5/B14	90 B5/B14	
CMGIS 023										
	21.9	200	0.49	64.01						*
	18.4	200	0.41	76.02				*		*
	15.5	200	0.35	90.29				*		*
	12.2	200	0.27	114.46				*		*
	10.3	200	0.23	135.95				*		*
	8.0	200	0.18	175.89			*	*		*
	6.8	200	0.15	204.69			*	*		*
	5.3	200	0.12	264.84			*	*		*
	4.5	200	0.10	307.80			*	*		*
	3.5	200	0.08	398.25			*	*		*
	3.1	200	0.07	449.14			*	*		*

N.B.
Le aree evidenziate indicano l'applicabilità della corrispondente grandezza motore.

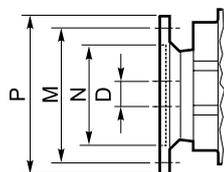
N.B.
Highlighted areas indicate motor inputs available on each size of unit.

 * = Il fattore di servizio (**sf**) deve essere scelto in funzione dell'applicazione: si prega di contattare il nostro Servizio Tecnico.

 * = The service factor (**sf**) has to be selected depending on application: please contact our Technical Department.

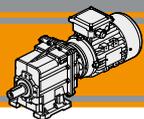
Prima di eseguire la scelta del motoriduttore riferirsi alle prestazioni elencate nelle tabelle dalla pag. B11 alla pag. B17

Before selecting any gearbox, please read the performance values shown in the tables on page B11 to B17.



Dimensioni IEC / IEC Dimensions										
	56 B5	56 B14	63 B5	63 B14	71 B5	71 B14	80 B5	80 B14	90 B5	90 B14
N	80	50	95	60	110	70	130	80	130	95
M	100	65	115	75	130	85	165	100	165	115
P	120	80	140	90	160	105	200	120	200	140
D	9		11		14		19		24	

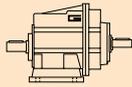




CMG

Motoriduttori ad ingranaggi cilindrici Helical in-line gearmotors

Dati tecnici
 n_1 1400 min⁻¹
Technical data

	n_2 [min ⁻¹]	Mn_2 [Nm]	Pn_1 [kW]	i	IEC Motori applicabili IEC Motor adapters					
					71 B5	80 B5/B14	90 B5/B14	100 B5/B14	112 B5/B14	
CMGIS 032										
	374	150	6.1	3.74	B					
	311	150	5.1	4.50	B					
	255	150	4.2	5.48	B					
	222	180	4.4	6.31	B					
	177	180	3.5	7.93	B					
	154	180	3.0	9.08	B					*
	128	180	2.5	10.93	B					*
	111	250	3.0	12.60	B					*
	105	250	2.9	13.30	B					*
	91.5	280	2.8	15.30	B					*
	76.9	280	2.3	18.21	B					*
	72.8	280	2.2	19.24	B					*
	66.2	280	2.0	21.15	B					*
	56.0	300	1.8	24.99	B					*
	45.8	300	1.5	30.57	B			*	*	*
	40.9	300	1.3	34.20	B			*	*	*
	36.2	300	1.2	38.63	B			*	*	*
	31.7	300	1.0	44.18	B			*	*	*
	27.3	300	0.89	51.30	B		*	*	*	*
	23.0	300	0.75	60.80	B		*	*	*	*

CMGIS 033					56 B5/B14	63 B5/B14	71 B5/B14	80 B5/B14	90 B5/B14
	19.2	300	0.64	72.83					*
	14.4	300	0.48	97.45					*
	12.1	300	0.40	115.74				*	*
	9.9	300	0.33	140.81				*	*
	8.0	300	0.27	174.26				*	*
	6.2	300	0.21	225.47				*	*
	5.3	300	0.18	262.05			*	*	*
	4.3	300	0.14	325.79			*	*	*
	3.7	300	0.12	378.64			*	*	*
	3.3	300	0.11	427.03			*	*	*

N.B.
Le aree evidenziate indicano l'applicabilità della corrispondente grandezza motore.
B = Boccola di riduzione in acciaio.

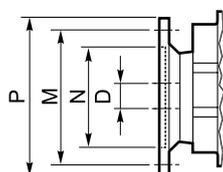
 * = Il fattore di servizio (**sf**) deve essere scelto in funzione dell'applicazione: si prega di contattare il nostro Servizio Tecnico.

Prima di eseguire la scelta del motoriduttore riferirsi alle prestazioni elencate nelle tabelle dalla pag. B11 alla pag. B17

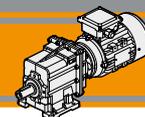
N.B.
Highlighted areas indicate motor inputs available on each size of unit.
B = Metal shaft sleeve.

 * = The service factor (**sf**) has to be selected depending on application: please contact our Technical Department.

Before selecting any gearbox, please read the performance values shown in the tables on page B11 to B17.



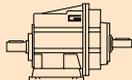
Dimensioni IEC / IEC Dimensions												
	56 B5	56 B14	63 B5	63 B14	71 B5	71 B14	80 B5	80 B14	90 B5	90 B14	100/112 B5	100/112 B14
N	80	50	95	60	110	70	130	80	130	95	180	110
M	100	65	115	75	130	85	165	100	165	115	215	130
P	120	80	140	90	160	105	200	120	200	140	250	160
D	9		11		14		19		24		28	



Dati tecnici

n_1 1400 min⁻¹

Technical data

	n_2 [min ⁻¹]	Mn_2 [Nm]	Pn_1 [kW]	i	IEC Motori applicabili IEC Motor adapters					
					71 B5	80 B5/B14	90 B5/B14	100 B5/B14	112 B5/B14	
CMGIS 042										
	374	230	9.4	3.74	B					
	311	230	7.8	4.50	B					
	255	230	6.4	5.48	B					
	222	260	6.3	6.31	B					
	177	260	5.0	7.93	B					
	154	280	4.7	9.08	B					
	128	280	3.9	10.93	B					
	111	350	4.2	12.60	B					
	105	350	4.0	13.30	B					
	91.5	420	4.2	15.30	B					
	76.9	420	3.5	18.21	B					
	72.8	420	3.3	19.24	B					
	56.0	500	3.1	24.99	B					
	45.8	500	2.5	30.57	B					*
	40.9	500	2.2	34.20	B					*
	36.2	500	2.0	38.63	B					*
	31.7	500	1.7	44.18	B			*		*
	27.3	500	1.5	51.30	B			*		*
	23.0	480	1.2	60.80	B			*		*

CMG

CMGIS 043					56 B5/B14	63 B5/B14	71 B5/B14	80 B5/B14	90 B5/B14
	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				*	*
	3.3	500	0.18	427.03			*	*	*

N.B.
Le aree evidenziate indicano l'applicabilità della corrispondente grandezza motore.
B = Boccola di riduzione in acciaio.

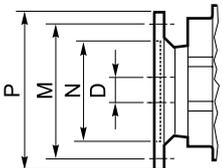
 * = Il fattore di servizio (**sf**) deve essere scelto in funzione dell'applicazione: si prega di contattare il nostro Servizio Tecnico.

Prima di eseguire la scelta del motoriduttore riferirsi alle prestazioni elencate nelle tabelle dalla pag. B11 alla pag. B17

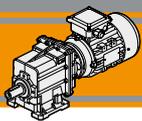
N.B.
Highlighted areas indicate motor inputs available on each size of unit.
B = Metal shaft sleeve.

 * = The service factor (**sf**) has to be selected depending on application: please contact our Technical Department.

Before selecting any gearbox, please read the performance values shown in the tables on page B11 to B17.

	Dimensioni IEC / IEC Dimensions											
	56 B5	56 B14	63 B5	63 B14	71 B5	71 B14	80 B5	80 B14	90 B5	90 B14	100/112 B5	100/112 B14
N	80	50	95	60	110	70	130	80	130	95	180	110
M	100	65	115	75	130	85	165	100	165	115	215	130
P	120	80	140	90	160	105	200	120	200	140	250	160
D	9		11		14		19		24		28	



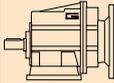


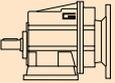
CMG

Motoriduttori ad ingranaggi cilindrici

Helical in-line gearmotors

Dati tecnici
Technical data

P ₁ [kW]	n ₂ [min ⁻¹]	M ₂ [Nm]	sf	i		
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P ₁ [kW]	n ₂ [min ⁻¹]	M ₂ [Nm]	sf	i		
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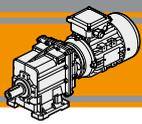
0.06
0.06

56A4 (1400 min ⁻¹)	279	2	20.3	5.03	CMG002	B5/B14	
	230	2	16.7	6.10		B5/B14	
	187	3	13.6	7.49		B5/B14	
	156	4	14.2	8.99		B5/B14	
	138	4	12.5	10.16		B5/B14	
	116	5	10.5	12.07		B5/B14	
	105	5	13.3	13.40		B5/B14	
	92.5	6	11.8	15.14		B5/B14	
	77.1	7	9.8	18.17		B5/B14	
	64.9	8	8.3	21.58		B5/B14	
	59.6	9	7.6	23.51		B5/B14	
	55.8	10	7.1	25.10		B5/B14	
	51.7	11	6.6	27.08		B5/B14	
	43.1	13	5.5	32.49		B5/B14	
	33.3	17	4.2	42.04		B5/B14	
	31.2	18	4.0	44.89		B5/B14	
	28.7	19	3.6	48.86		B5/B14	
	25.4	22	3.2	55.10		B5/B14	
	366.7	2	40.0	3.82		CMG012	B5/B14
	302.3	2	33.0	4.63			B5/B14
	246.1	2	26.8	5.69			B5/B14
	181.4	3	26.4	7.72			B5/B14
152.7	4	22.2	9.17	B5/B14			
142.7	4	20.8	9.81	B5/B14			
121.7	5	22.1	11.50	B5/B14			
117.6	5	21.4	11.90	B5/B14			
101.4	5	22.1	13.80	B5/B14			
95.7	6	20.9	14.62	B5/B14			
78.4	7	17.1	17.86	B5/B14			
73.4	7	16.0	19.07	B5/B14			
70.6	8	15.4	19.83	B5/B14			
59.4	9	13.0	23.56	B5/B14			
47.4	12	10.3	29.56	B5/B14			
39.5	14	8.6	35.47	B5/B14			
30.5	18	6.7	45.89	B5/B14			
28.6	19	6.2	49.00	B5/B14			
26.3	21	5.7	53.33	B5/B14			
23.3	24	5.1	60.15	B5/B14			
22.1	24	4.9	63.22	CMG013	B5/B14		
18.6	29	4.2	75.08		B5/B14		
15.7	34	3.5	89.17		B5/B14		
12.4	43	2.8	113.05		B5/B14		
10.4	52	2.3	134.27		B5/B14		
8.1	67	1.8	173.72		B5/B14		
6.9	78	1.5	202.16		B5/B14		
5.4	101	1.2	261.57		B5/B14		
4.6	117	1.0	304.00		B5/B14		
3.6	151	0.8	393.33		B5/B14		
3.2	171	0.7	443.59		B5/B14		
21.9	25	8.1	64.01	CMG023	B5/B14		
18.4	29	6.8	76.02		B5/B14		
15.5	35	5.8	90.29		B5/B14		
12.2	44	4.5	114.46		B5/B14		
10.3	52	3.8	135.95		B5/B14		
8.0	68	3.0	175.89		B5/B14		
6.8	79	2.5	204.69		B5/B14		
5.3	102	2.0	264.84		B5/B14		
4.5	118	1.7	307.80		B5/B14		
3.5	153	1.3	398.25		B5/B14		
3.1	173	1.2	449.14		B5/B14		

56A4 (1400 min ⁻¹)	6.2	87	3.5	225.47	CMG033	B5/B14
	5.3	101	3.0	262.05		B5/B14
	4.3	125	2.4	325.79		B5/B14
	3.7	146	2.1	378.64		B5/B14
	3.3	164	1.8	427.03		B5/B14
	5.3	101	5.0	262.05		CMG043
4.3	125	4.0	325.79	B5/B14		
3.7	146	3.4	378.64	B5/B14		
3.3	164	3.0	427.03	B5/B14		

0.09

56B4 (1400 min ⁻¹)	279	3	13.5	5.03	CMG002	B5/B14	
	230	4	11.1	6.10		B5/B14	
	187	4	9.1	7.49		B5/B14	
	156	5	9.4	8.99		B5/B14	
	138	6	8.3	10.16		B5/B14	
	116	7	7.0	12.07		B5/B14	
	105	8	8.9	13.40		B5/B14	
	92.5	9	7.8	15.14		B5/B14	
	77.1	11	6.5	18.17		B5/B14	
	64.9	13	5.5	21.58		B5/B14	
	59.6	14	5.1	23.51		B5/B14	
	55.8	15	4.7	25.10		B5/B14	
	51.7	16	4.4	27.08		B5/B14	
	43.1	19	3.7	32.49		B5/B14	
	33.3	25	2.8	42.04		B5/B14	
	31.2	26	2.6	44.89		B5/B14	
	28.7	29	2.4	48.86		B5/B14	
	25.4	32	2.2	55.10		B5/B14	
	366.7	2	26.7	3.82		CMG012	B5/B14
	302.3	3	22.0	4.63			B5/B14
	246.1	3	17.9	5.69			B5/B14
	181.4	5	17.6	7.72			B5/B14
	152.7	5	14.8	9.17			B5/B14
	142.7	6	13.8	9.81			B5/B14
	121.7	7	14.8	11.50			B5/B14
	117.6	7	14.3	11.90			B5/B14
	101.4	8	14.8	13.80			B5/B14
	95.7	9	13.9	14.62			B5/B14
	78.4	11	11.4	17.86			B5/B14
	73.4	11	10.7	19.07			B5/B14
	70.6	12	10.3	19.83			B5/B14
	59.4	14	8.6	23.56			B5/B14
	47.4	17	6.9	29.56			B5/B14
39.5	21	5.7	35.47	B5/B14			
30.5	27	4.4	45.89	B5/B14			
28.6	29	4.2	49.00	B5/B14			
26.3	31	3.8	53.33	B5/B14			
23.3	35	3.4	60.15	B5/B14			
22.1	36	3.3	63.22	CMG013	B5/B14		
18.6	43	2.8	75.08		B5/B14		
15.7	51	2.3	89.17		B5/B14		
12.4	65	1.8	113.05		B5/B14		
10.4	77	1.5	134.27		B5/B14		
8.1	100	1.2	173.72		B5/B14		
6.9	117	1.0	202.16		B5/B14		
5.4	151	0.8	261.57		B5/B14		

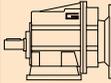


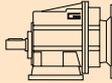
CMG

Motoriduttori ad ingranaggi cilindrici Helical in-line gearmotors

Dati tecnici

Technical data

P ₁ [kW]	n ₂ [min ⁻¹]	M ₂ [Nm]	sf	i		
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P ₁ [kW]	n ₂ [min ⁻¹]	M ₂ [Nm]	sf	i		
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0.18

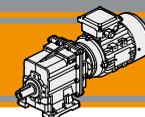
63B4 (1400 min ⁻¹)	78.4	21	5.7	17.86	CMG012	B5/B14
	73.4	22	5.3	19.07		B5/B14
	70.6	23	5.1	19.83		B5/B14
	59.4	28	4.3	23.56		B5/B14
	47.4	35	3.4	29.56	CMG013	B5/B14
	39.5	42	2.9	35.47		B5/B14
	30.5	54	2.2	45.89		B5/B14
	28.6	58	2.1	49.00		B5/B14
	26.3	63	1.9	53.33		B5/B14
	23.3	71	1.7	60.15		B5/B14
	22.1	73	1.6	63.22		B5/B14
	18.6	87	1.4	75.08		B5/B14
	15.7	103	1.2	89.17	CMG022	B5/B14
	12.4	130	0.9	113.05		B5/B14
	23.0	72	2.8	60.90		B5/B14
	21.9	74	2.7	64.01		CMG023
18.4	88	2.3	76.02	B5/B14		
15.5	104	1.9	90.29	B5/B14		
12.2	132	1.5	114.46	B5/B14		
10.3	157	1.3	135.95	B5/B14		
8.0	203	1.0	175.89	B5/B14		
6.8	236	0.8	204.69	B5/B14		
19.2	84	3.6	72.83	CMG033	B5/B14	
	14.4	112	2.7		97.45	B5/B14
	12.1	134	2.2		115.74	B5/B14
	9.9	163	1.8		140.81	B5/B14
	8.0	201	1.5		174.26	B5/B14
	6.2	260	1.2		225.47	B5/B14
	5.3	302	1.0	262.05	B5/B14	
	19.2	84	5.9	72.83	CMG043	B5/B14
	14.4	112	4.4	97.45		B5/B14
	12.1	134	3.7	115.74		B5/B14
	9.9	163	3.1	140.81		B5/B14
	8.0	201	2.5	174.26		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		
3.3	493	1.0	427.03	B5/B14		

0.25

71A4 (1400 min ⁻¹)	367	6	9.6	3.82	CMG012	B5/B14	
	302	8	7.9	4.63		B5/B14	
	246	9	6.4	5.69		B5/B14	
	181	13	6.3	7.72		B5/B14	
	153	15	5.3	9.17	CMG013	B5/B14	
	143	16	5.0	9.81		B5/B14	
	122	19	5.3	11.50		B5/B14	
	118	19	5.1	11.90		B5/B14	
	101	23	5.3	13.80		B5/B14	
	95.7	24	5.0	14.62		B5/B14	
	78.4	29	4.1	17.86		B5/B14	
	73.4	31	3.8	19.07		B5/B14	
	70.6	32	3.7	19.83	CMG013	B5/B14	
	59.4	39	3.1	23.56		B5/B14	
	47.4	48	2.5	29.56		B5/B14	
	39.5	58	2.1	35.47		B5/B14	
22.1	30.5	75	1.6	45.89	CMG022	B5/B14	
	28.6	80	1.5	49.00		B5/B14	
	26.3	87	1.4	53.33		B5/B14	
	23.3	98	1.2	60.15		B5/B14	
	18.6	120	1.0	75.08		CMG033	B5/B14
	15.7	143	0.8	89.17			B5/B14
	383	6	16.7	3.66	CMG022		B5/B14
	316	7	13.8	4.43			B5/B14
	257	9	11.2	5.45			B5/B14
	189	12	9.9	7.39			B5/B14
	160	14	8.4	8.78			B5/B14
	141	16	7.4	9.93		B5/B14	
	127	18	11.1	11.01		B5/B14	
116	20	10.1	12.05	B5/B14			
106	22	9.2	13.21	B5/B14			
94.6	24	8.3	14.81	B5/B14			
81.9	28	5.7	17.10	B5/B14			
76.7	30	5.4	18.26	B5/B14			
69.7	33	6.1	20.08	B5/B14			
58.7	39	5.1	23.85	B5/B14			
46.8	49	4.1	29.93	B5/B14			
39.0	59	3.4	35.91	B5/B14			
30.1	76	2.6	46.46	B5/B14			
28.2	81	2.5	49.61	B5/B14			
25.9	88	2.3	54.00	B5/B14			
23.0	100	2.0	60.90	B5/B14			
21.9	103	1.9	64.01	CMG023	B5/B14		
	18.4	122	1.6		76.02	B5/B14	
	15.5	145	1.4		90.29	B5/B14	
	12.2	183	1.1		114.46	B5/B14	
	10.3	218	0.9	135.95	B5/B14		
	31.7	72	4.1	44.18	CMG032	B5	
	27.3	84	3.6	51.30		B5	
	19.2	117	2.6	72.83	CMG033	B5/B14	
14.4		156	1.9	97.45		B5/B14	
12.1		186	1.6	115.74		B5/B14	
9.9		226	1.3	140.81		B5/B14	
8.0		279	1.1	174.26		B5/B14	
6.2		361	0.8	225.47		B5/B14	

0.25

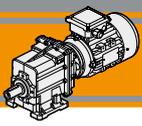
71A4 (1400 min ⁻¹)	279	8	4.9	5.03	CMG002	B5/B14
	230	10	4.0	6.10		B5/B14
	187	12	3.3	7.49		B5/B14
	156	15	3.4	8.99		B5/B14
	138	17	3.0	10.16		B5/B14
	116	20	2.5	12.07		B5/B14
	105	22	3.2	13.40		B5/B14
	92.5	25	2.8	15.14		B5/B14
	77.1	30	2.4	18.17		B5/B14
	64.9	35	2.0	21.58		B5/B14
	59.6	38	1.8	23.51		B5/B14
	55.8	41	1.7	25.10		B5/B14
	51.7	44	1.6	27.08		B5/B14
	43.1	53	1.3	32.49		B5/B14
	33.3	69	1.0	42.04		B5/B14
	31.2	73	1.0	44.89		B5/B14
	28.7	80	0.9	48.86		B5/B14
	25.4	90	0.8	55.10		B5/B14

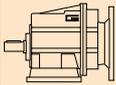
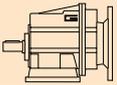


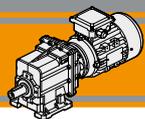
Dati tecnici

Technical data

P ₁ [kW]	n ₂ [min ⁻¹]	M ₂ [Nm]	sf	i			P ₁ [kW]	n ₂ [min ⁻¹]	M ₂ [Nm]	sf	i													
0.25							0.37																	
71A4 (1400 min ⁻¹)	19.2	117	4.3	72.83	CMG043	B5/B14	71B4 (1400 min ⁻¹)	58.7	58	3.5	23.85	CMG022	B5/B14											
	14.4	156	3.2	97.45				46.8	73	2.8	29.93			B5/B14										
	12.1	186	2.7	115.74				39.0	87	2.3	35.91			B5/B14										
	9.9	226	2.2	140.81				30.1	113	1.8	46.46			B5/B14										
	8.0	279	1.8	174.26				28.2	120	1.7	49.61			B5/B14										
	6.2	361	1.4	225.47				25.9	131	1.5	54.00			B5/B14										
	5.3	420	1.2	262.05				23.0	148	1.4	60.90			B5/B14										
	4.3	522	1.0	325.79				CMG023	B5/B14	21.9	152			1.3	64.01									
3.7	607	0.8	378.64	18.4	180	1.1	76.02			B5/B14														
				15.5	214	0.9	90.29			B5/B14														
0.37																								
71B4 (1400 min ⁻¹)	279	12	3.3	5.03	CMG002	B5/B14	71B4 (1400 min ⁻¹)	374	9	16.5	3.74	CMG032	B5											
	230	15	2.7	6.10				311	11	13.7	4.50													
	187	18	2.2	7.49				255	13	11.3	5.48			B5										
	156	22	2.3	8.99				222	15	11.8	6.31			B5										
	138	25	2.0	10.16				177	19	9.4	7.93			B5										
	116	29	1.7	12.07				154	22	8.2	9.08			B5										
	105	32	2.2	13.40				128	26	6.8	10.93			B5										
	92.5	37	1.9	15.14				111	31	8.2	12.60			B5										
	77.1	44	1.6	18.17				105	32	7.8	13.30			B5										
	CMG012	64.9	52	1.3	21.58	B5/B14		91.5	37	7.6	15.30	B5												
		59.6	57	1.2	23.51	B5/B14		76.9	44	6.3	18.21	B5												
		55.8	61	1.2	25.10	B5/B14		72.8	47	6.0	19.24	B5												
		51.7	66	1.1	27.08	B5/B14		66.2	51	5.5	21.15	B5												
		43.1	79	0.9	32.49	B5/B14		56.0	61	5.0	24.99	B5												
		367	9	6.5	3.82	CMG012		B5/B14	45.8	74	4.0	30.57	B5											
		302	11	5.3	4.63			B5/B14	40.9	83	3.6	34.20	B5											
		246	14	4.4	5.69			B5/B14	36.2	94	3.2	38.63	B5											
		181	19	4.3	7.72			B5/B14	31.7	107	2.8	44.18	B5											
		153	22	3.6	9.17			B5/B14	27.3	124	2.4	51.30	B5											
		143	24	3.4	9.81			B5/B14	23.0	147	2.0	60.80	B5											
		122	28	3.6	11.50			B5/B14	CMG033	B5/B14	19.2	173	1.7	72.83	CMG033	B5/B14								
		118	29	3.5	11.90			14.4									231	1.3	97.45					
		101	33	3.6	13.80			12.1									275	1.1	115.74					
95.7	35	3.4	14.62	9.9	334		0.9	140.81																
78.4	43	2.8	17.86	CMG043	B5/B14		19.2	173									2.9	72.83	CMG043	B5/B14				
73.4	46	2.6	19.07																		14.4	231	2.2	97.45
70.6	48	2.5	19.83																		12.1	275	1.8	115.74
59.4	57	2.1	23.56																		9.9	334	1.5	140.81
47.4	72	1.7	29.56			8.0			413	1.2	174.26													
39.5	86	1.4	35.47			6.2			535	0.9	225.47													
30.5	111	1.1	45.89			CMG013			B5/B14	80A4 (1400 min ⁻¹)	279	18	2.2	5.03	CMG002	B5/B14								
28.6	119	1.0	49.00																		22.1	150	0.8	63.22
26.3	129	0.9	53.33	CMG022	B5/B14		230	22									1.8	6.10						
23.3	146	0.8	60.15				187	27									1.5	7.49						
							156	32									1.5	8.99						
							138	37									1.4	10.16						
							116	43									1.2	12.07						
							105	48									1.5	13.40						
							92.5	55									1.3	15.14						
							77.1	65									1.1	18.17						
							64.9	78									0.9	21.58						
							59.6	85									0.8	23.51						

**CMG****Motoriduttori ad ingranaggi cilindrici**
Helical in-line gearmotors**Dati tecnici****Technical data**

P₁ [kW]	n₂ [min ⁻¹]	M₂ [Nm]	sf	i			P₁ [kW]	n₂ [min ⁻¹]	M₂ [Nm]	sf	i																																																														
0.55																																																																									
80A4 (1400 min ⁻¹)	367	14	4.4	3.82	CMG012	B5/B14	80A4	19.2	257	1.2	72.83	CMG033	B5/B14																																																												
	302	17	3.6	4.63			B5/B14	(1400 min ⁻¹)	14.4	344	0.9			97.45	CMG042	B5/B14																																																									
	246	20	2.9	5.69			B5/B14	23.0	219	2.2	60.80																																																														
	181	28	2.9	7.72			B5/B14	CMG043	B5/B14																																																																
	153	33	2.4	9.17			B5/B14																																																																		
	143	35	2.3	9.81			B5/B14																																																																		
	122	41	2.4	11.50			B5/B14																																																																		
	118	43	2.3	11.90			B5/B14																																																																		
	101	50	2.4	13.80			B5/B14																																																																		
	95.7	53	2.3	14.62			B5/B14																																																																		
	78.4	64	1.9	17.86			B5/B14																																																																		
	73.4	69	1.7	19.07	B5/B14																																																																				
	70.6	71	1.7	19.83	B5/B14																																																																				
	59.4	85	1.4	23.56	B5/B14																																																																				
	47.4	106	1.1	29.56	B5/B14																																																																				
	39.5	128	0.9	35.47	B5/B14																																																																				
	0.55																																																																								
	80B4 (1400 min ⁻¹)	383	13	7.6	3.66	CMG022	B5/B14	80B4 (1400 min ⁻¹)	279	25	1.6	5.03	CMG002	B5/B14																																																											
		316	16	6.3	4.43				B5/B14	230	30	1.3			6.10	B5/B14																																																									
		257	20	5.1	5.45				B5/B14	187	37	1.1			7.49		B5/B14																																																								
		189	27	4.5	7.39				B5/B14	156	44	1.1			8.99		B5/B14																																																								
		160	32	3.8	8.78				B5/B14	138	50	1.0			10.16		B5/B14																																																								
141		36	3.4	9.93	B5/B14				116	59	0.8	12.07	B5/B14																																																												
127		40	5.0	11.01	B5/B14				105	66	1.1	13.40	B5/B14																																																												
116		43	4.6	12.05	B5/B14				92.5	74	0.9	15.14	B5/B14																																																												
106		48	4.2	13.21	B5/B14				77.1	89	0.8	18.17	B5/B14																																																												
94.6		53	3.8	14.81	B5/B14				CMG012	B5/B14																																																															
81.9		62	2.6	17.10	B5/B14																																																																				
76.7		66	2.4	18.26	B5/B14																																																																				
69.7		72	2.8	20.08	B5/B14																																																																				
58.7		86	2.3	23.85	B5/B14																																																																				
46.8		108	1.9	29.93	B5/B14																																																																				
39.0		129	1.5	35.91	B5/B14																																																																				
30.1		167	1.2	46.46	B5/B14																																																																				
28.2		179	1.1	49.61	B5/B14																																																																				
25.9		194	1.0	54.00	B5/B14																																																																				
23.0		219	0.9	60.90	B5/B14																																																																				
21.9		226	0.9	64.01	CMG023	B5/B14																																																																			
							CMG032				B5/B14	383	18	5.6	3.66	CMG022	B5/B14																																																								
																		B5/B14	316	22	4.6	4.43																																																			
																							B5/B14	257	27	3.7	5.45																																														
									B5/B14	189																		36	3.3	7.39																																											
																															B5/B14	160	43	2.8	8.78																																						
																																				B5/B14	141	49	2.5	9.93																																	
																																									B5/B14	127	54	3.7	11.01																												
																																														B5/B14	116	59	3.4	12.05																							
																																																			B5/B14	106	65	3.1	13.21																		
	B5/B14							94.6																																																73	2.8	14.81															
																																																											B5/B14	81.9	84	1.9	17.10										
																																																																B5/B14	76.7	90	1.8	18.26					
																																																																					B5/B14	69.7	99	2.0	20.08
B5/B14		46.8	147	1.4	29.93																																																																				
B5/B14	39.0	176	1.1	35.91	CMG032	B5/B14																																																																			
							B5/B14	30.1	228	0.9	46.46	CMG022	B5/B14																																																												
														B5/B14	28.2	244	0.8	49.61																																																							
																			B5/B14	25.9	265	0.8	54.00																																																		

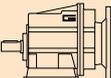
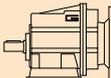


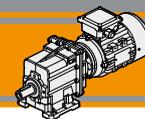
CMG

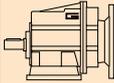
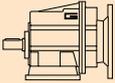
Motoriduttori ad ingranaggi cilindrici Helical in-line gearmotors

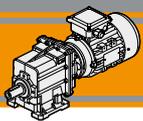
Dati tecnici

Technical data

P ₁ [kW]	n ₂ [min ⁻¹]	M ₂ [Nm]	sf	i			P ₁ [kW]	n ₂ [min ⁻¹]	M ₂ [Nm]	sf	i				
1.5							1.85								
90L4 (1400 min ⁻¹)	367	38	1.6	3.82	CMG012	B5/B14 B5/B14 B5/B14 B5/B14	90LB4 (1400 min ⁻¹)	367	46	1.3	3.82	CMG012	B5/B14 B5/B14		
	302	45	1.3	4.63				302	56	1.1	4.63				
	246	56	1.1	5.69				383	44	2.3	3.66			CMG022	B5/B14 B5/B14
	181	76	1.1	7.72				316	54	1.9	4.43				
153	90	0.9	9.17	257	66	1.5	5.45	CMG022	B5/B14 B5/B14						
383	36	2.8	3.66	189	90	1.3	7.39			CMG022	B5/B14 B5/B14				
316	44	2.3	4.43	160	106	1.1	8.78	CMG022	B5/B14 B5/B14						
257	54	1.9	5.45	141	120	1.0	9.93			CMG022	B5/B14 B5/B14				
189	73	1.7	7.39	127	133	1.5	11.01	CMG022	B5/B14 B5/B14						
160	86	1.4	8.78	116	146	1.4	12.05			CMG022	B5/B14 B5/B14				
141	98	1.2	9.93	106	160	1.2	13.21	CMG022	B5/B14 B5/B14						
127	108	1.8	11.01	94.6	179	1.1	14.81			CMG022	B5/B14 B5/B14				
116	118	1.7	12.05	81.9	207	0.8	17.10	CMG022	B5/B14 B5/B14						
106	130	1.5	13.21	374	45	3.3	3.74			CMG032	B5/B14 B5/B14				
94.6	145	1.4	14.81	311	55	2.7	4.50	CMG032	B5/B14 B5/B14						
81.9	168	1.0	17.10	255	66	2.3	5.48			CMG032	B5/B14 B5/B14				
76.7	179	0.9	18.26	222	76	2.4	6.31	CMG032	B5/B14 B5/B14						
69.7	197	1.0	20.08	177	96	1.9	7.93			CMG032	B5/B14 B5/B14				
58.7	234	0.9	23.85	154	110	1.6	9.08	CMG032	B5/B14 B5/B14						
374	37	4.1	3.74	128	132	1.4	10.93			CMG032	B5/B14 B5/B14				
311	44	3.4	4.50	111	153	1.6	12.60	CMG032	B5/B14 B5/B14						
255	54	2.8	5.48	105	161	1.6	13.30			CMG032	B5/B14 B5/B14				
222	62	2.9	6.31	91.5	185	1.5	15.30	CMG032	B5/B14 B5/B14						
177	78	2.3	7.93	76.9	221	1.3	18.21			CMG032	B5/B14 B5/B14				
154	89	2.0	9.08	72.8	233	1.2	19.24	CMG032	B5/B14 B5/B14						
128	107	1.7	10.93	66.2	256	1.1	21.15			CMG032	B5/B14 B5/B14				
111	124	2.0	12.60	56.0	303	1.0	24.99	CMG032	B5/B14 B5/B14						
105	131	1.9	13.30	45.8	370	0.8	30.57			CMG032	B5/B14 B5/B14				
91.5	150	1.9	15.30	374	45	5.1	3.74	CMG042	B5/B14 B5/B14						
76.9	179	1.6	18.21	311	55	4.2	4.50			CMG042	B5/B14 B5/B14				
72.8	189	1.5	19.24	255	66	3.5	5.48	CMG042	B5/B14 B5/B14						
66.2	208	1.3	21.15	222	76	3.4	6.31			CMG042	B5/B14 B5/B14				
56.0	245	1.2	24.99	177	96	2.7	7.93	CMG042	B5/B14 B5/B14						
45.8	300	1.0	30.57	154	110	2.5	9.08			CMG042	B5/B14 B5/B14				
40.9	336	0.9	34.20	128	132	2.1	10.93	CMG042	B5/B14 B5/B14						
36.2	379	0.8	38.63	111	153	2.3	12.60			CMG042	B5/B14 B5/B14				
374	37	6.3	3.74	105	161	2.2	13.30	CMG042	B5/B14 B5/B14						
311	44	5.2	4.50	91.5	185	2.3	15.30			CMG042	B5/B14 B5/B14				
255	54	4.3	5.48	76.9	221	1.9	18.21	CMG042	B5/B14 B5/B14						
222	62	4.2	6.31	72.8	233	1.8	19.24			CMG042	B5/B14 B5/B14				
177	78	3.3	7.93	56.0	303	1.7	24.99	CMG042	B5/B14 B5/B14						
154	89	3.1	9.08	45.8	370	1.3	30.57			CMG042	B5/B14 B5/B14				
128	107	2.6	10.93	40.9	414	1.2	34.20	CMG042	B5/B14 B5/B14						
111	124	2.8	12.60	36.2	468	1.1	38.63			CMG042	B5/B14 B5/B14				
105	131	2.7	13.30	31.7	535	0.9	44.18	CMG042	B5/B14 B5/B14						
91.5	150	2.8	15.30	27.3	621	0.8	51.30			CMG042	B5/B14 B5/B14				
76.9	179	2.3	18.21												
72.8	189	2.2	19.24												
56.0	245	2.0	24.99												
45.8	300	1.7	30.57												
40.9	336	1.5	34.20												
36.2	379	1.3	38.63												
31.7	434	1.2	44.18												
27.3	504	1.0	51.30												


Dati tecnici
Technical data

P_1 [kW]	n_2 [min ⁻¹]	M_2 [Nm]	sf	i			P_1 [kW]	n_2 [min ⁻¹]	M_2 [Nm]	sf	i				
2.2															
100LA4 (1400 min ⁻¹)	374	54	2.8	3.74	CMG032	B5/B14	112M4 (1400 min ⁻¹)	374	98	1.5	3.74	CMG032	B5/B14		
	311	65	2.3	4.50		B5/B14		311	118	1.3	4.50		B5/B14		
	255	79	1.9	5.48		B5/B14		255	144	1.0	5.48		B5/B14		
	222	91	2.0	6.31		B5/B14		222	165	1.1	6.31		B5/B14		
	177	114	1.6	7.93		B5/B14		177	208	0.9	7.93		B5/B14		
	154	131	1.4	9.08		B5/B14		CMG042	374	98	2.3		3.74	CMG042	B5/B14
	128	157	1.1	10.93		B5/B14			311	118	1.9		4.50		B5/B14
	111	182	1.4	12.60		B5/B14			255	144	1.6		5.48		B5/B14
	105	192	1.3	13.30		B5/B14			222	165	1.6		6.31		B5/B14
	91.5	220	1.3	15.30		B5/B14			177	208	1.3		7.93		B5/B14
	76.9	262	1.1	18.21		B5/B14			154	238	1.2		9.08		B5/B14
	72.8	277	1.0	19.24		B5/B14			128	286	1.0		10.93		B5/B14
	66.2	305	0.9	21.15		B5/B14			111	330	1.1		12.60		B5/B14
	56.0	360	0.8	24.99		B5/B14			105	348	1.0		13.30		B5/B14
	374	54	4.3	3.74		CMG042			B5/B14	91.5	401		1.0		15.30
	311	65	3.5	4.50	B5/B14		76.9		477	0.9	18.21	B5/B14			
	255	79	2.9	5.48	B5/B14		72.8		504	0.8	19.24	B5/B14			
	222	91	2.9	6.31	B5/B14		56.0	655	0.8	24.99	B5/B14				
	177	114	2.3	7.93	B5/B14		CMG042	B5/B14							
	154	131	2.1	9.08	B5/B14										
	128	157	1.8	10.93	B5/B14										
	111	182	1.9	12.60	B5/B14										
105	192	1.8	13.30	B5/B14											
91.5	220	1.9	15.30	B5/B14											
76.9	262	1.6	18.21	B5/B14											
72.8	277	1.5	19.24	B5/B14											
56.0	360	1.4	24.99	B5/B14											
45.8	440	1.1	30.57	B5/B14											
40.8	494	1.0	34.30	B5/B14											
36.2	557	0.9	38.63	B5/B14											
3															
100LB4 (1400 min ⁻¹)	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										
	92	301	1.4	15.30	B5/B14										
	77	358	1.2	18.21	B5/B14										
	73	378	1.1	19.24	B5/B14										
56	491	1.0	24.99	B5/B14											
46	601	0.8	30.57	B5/B14											

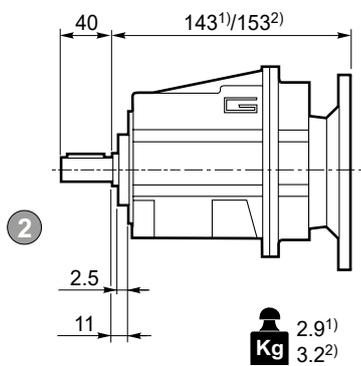


Dimensioni

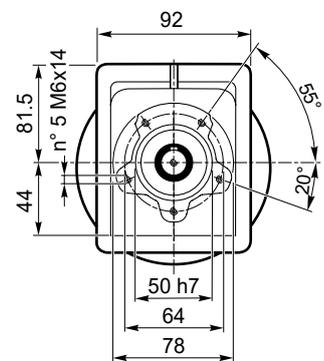
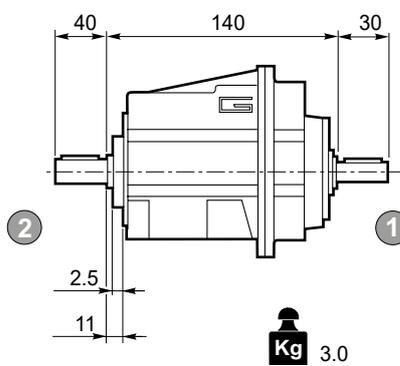
Dimensions

CMG 002 U

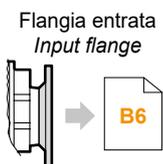
CMG 002 U



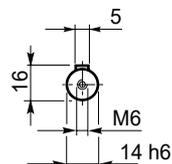
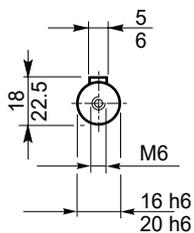
CMGIS 002 U



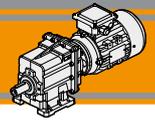
¹)IEC 63/71, ²)IEC 80



Albero uscita
Output shaft
2



Albero entrata
Input shaft
1



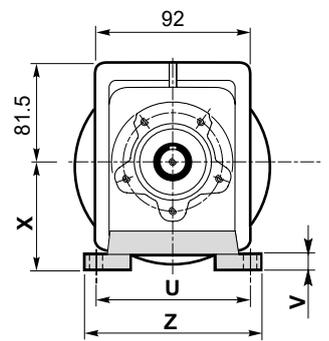
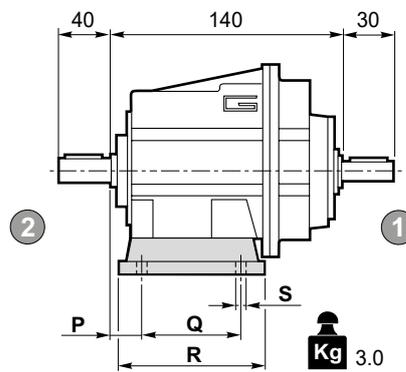
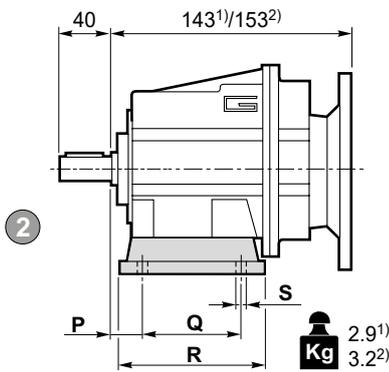
Dimensioni

Dimensions

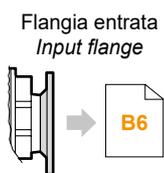
CMG 002 H..

CMG 002 H..

CMGIS 002 H..

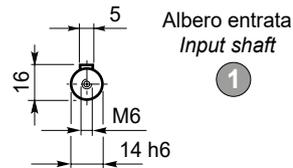
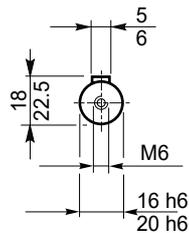


¹⁾IEC 63/71, ²⁾IEC 80



Albero uscita
Output shaft

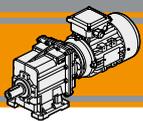
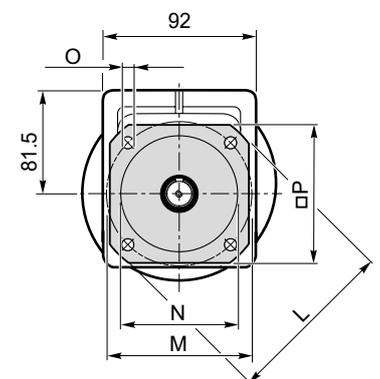
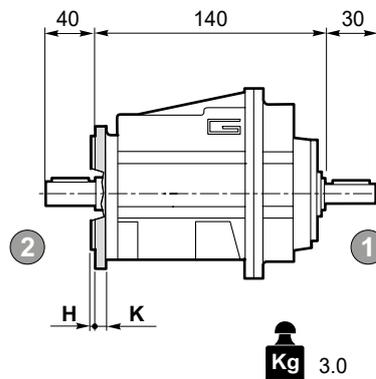
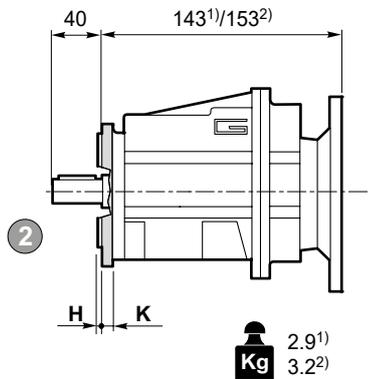
2



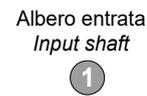
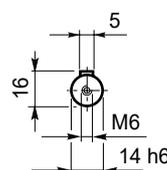
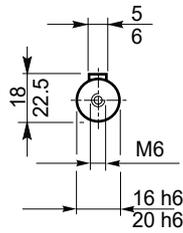
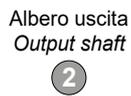
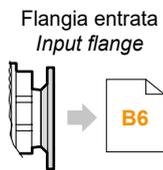
1

Versione H / H Version										
CMG CMGIS	P	Q	R	S	U	V	X	Z	Piede / Foot	
									Tipo / Type	Peso / Weight [kg]
002	18	60	80	9	100	10	60	120	H60	0.2
	18	80	104	9	110 - 120	10	75	145	H75	0.3
	18	50 - 87	110	9	110	10	85	135	H85	0.4

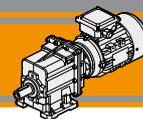
Preferenziale / Preferred

**Dimensioni****Dimensions****CMG 002 F..****CMG 002 F..****CMGIS 002 F..**

¹) IEC 63/71, ²) IEC 80



Versione F / F Version									
CMG CMGIS	H	K	L	M	N f7	O	P	Flangia / Flange	
								Tipo / Type	Peso / Weight [kg]
002	3.5	7	105	85	70	6.5	90	F105	0.1
	3.5	8	120	100	80	9	100	F120	0.2
	3.5	8	140	115	95	9	115	F140	0.2



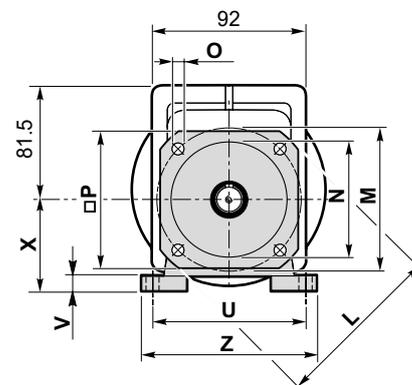
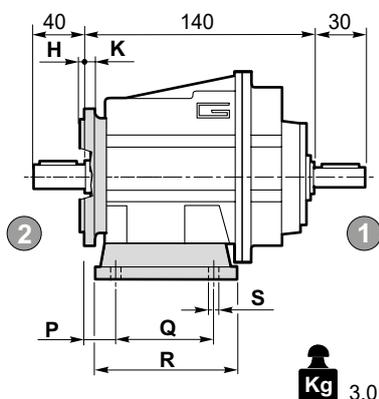
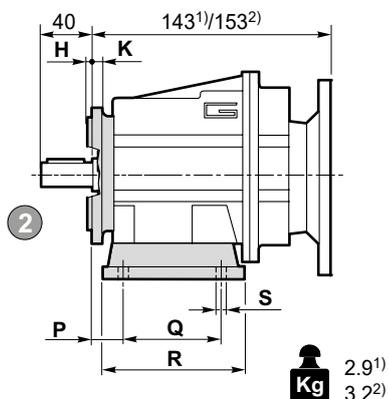
Dimensioni

Dimensions

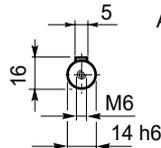
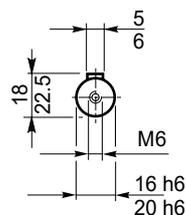
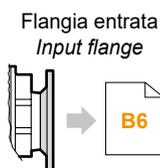
CMG 002 H../F..

CMG 002 H../F..

CMGIS 002 H../F..



¹IEC 63/71, ²IEC 80



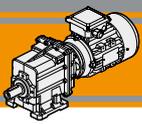
CMG CMGIS	Versione H / H Version									Combinazioni possibili H/F Possible combinations H/F			
	P	Q	R	S	U	V	X	Z	Piede / Foot		F105	F120	F140
									Tipo Type	Peso / Weight [kg]			
002	18	60	80	9	100	10	60	120	H60	0.2	●	●	●
	18	80	104	9	110 - 120	10	75	145	H75	0.3	●	●	●
	18	50 - 87	110	9	110	10	85	135	H85	0.4	●	●	●

Preferenziale / Preferred

● Combinazioni possibili H/F / Possible combinations H/F

CMG CMGIS	Versione F / F Version							Flangia / Flange	
	H	K	L	M	N f7	O	P	Tipo / Type	Peso / Weight [kg]
								F105	F120
002	3.5	7	105	85	70	6.5	90	F105	0.1
	3.5	8	120	100	80	9	100	F120	0.2
	3.5	8	140	115	95	9	115	F140	0.2



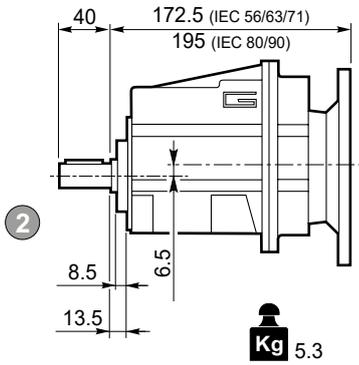


Dimensioni

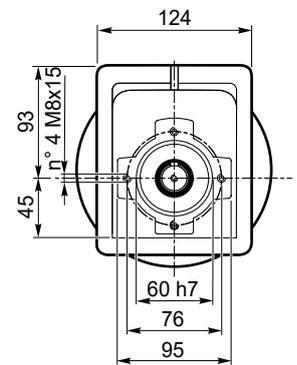
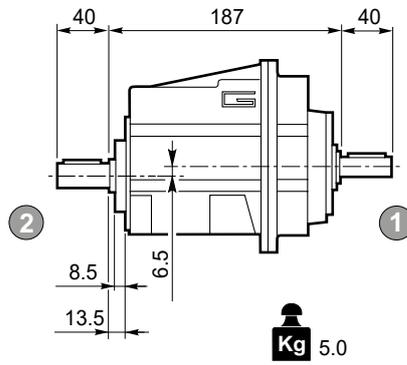
Dimensions

CMG 012 U - CMG 013 U

CMG 012 U



CMGIS 012 U

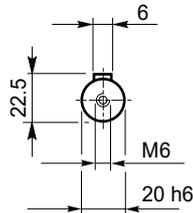


Flangia entrata
Input flange



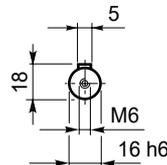
Albero uscita
Output shaft

2

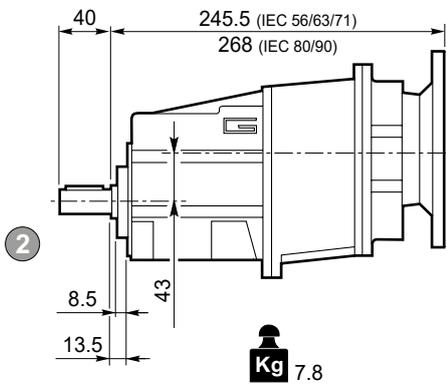


Albero entrata
Input shaft

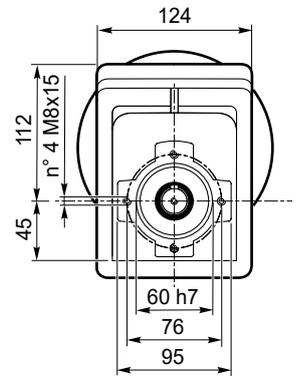
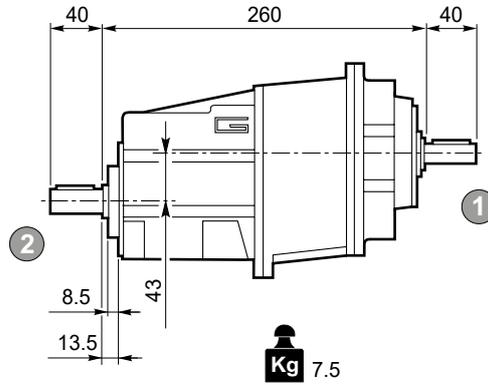
1



CMG 013 U



CMGIS 013 U

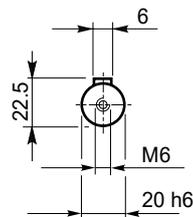


Flangia entrata
Input flange



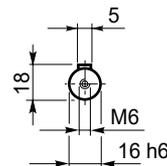
Albero uscita
Output shaft

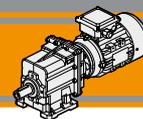
2



Albero entrata
Input shaft

1



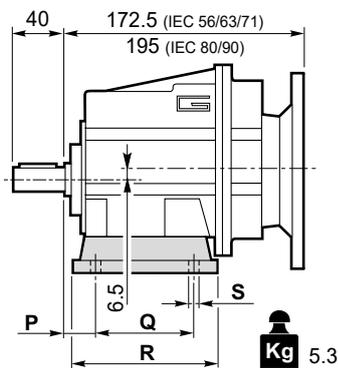


Dimensioni

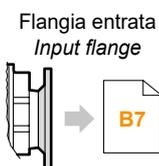
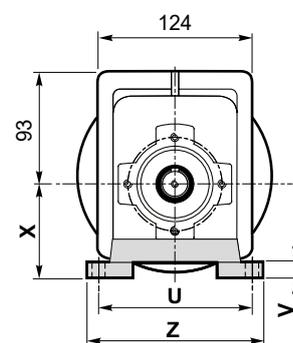
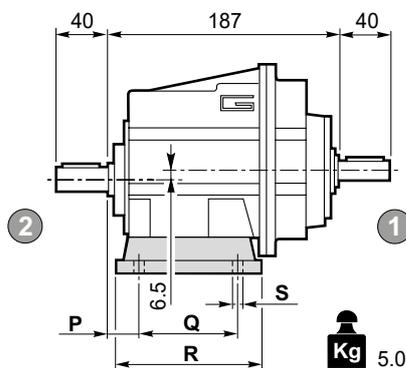
Dimensions

CMG 012 H.. - CMG 013 H..

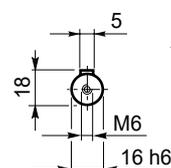
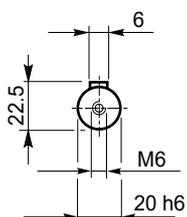
CMG 012 H..



CMGIS 012 H..

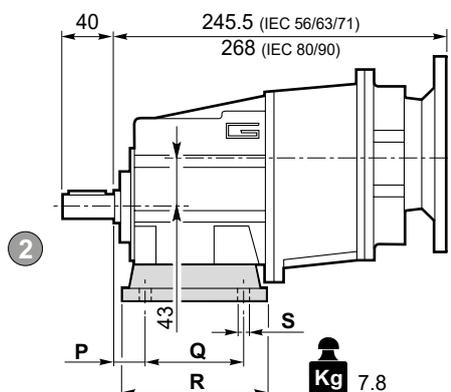


Albero uscita
Output shaft
2

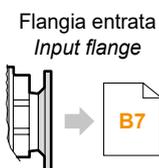
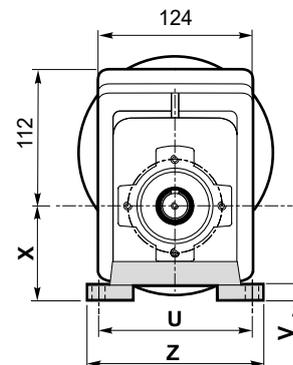
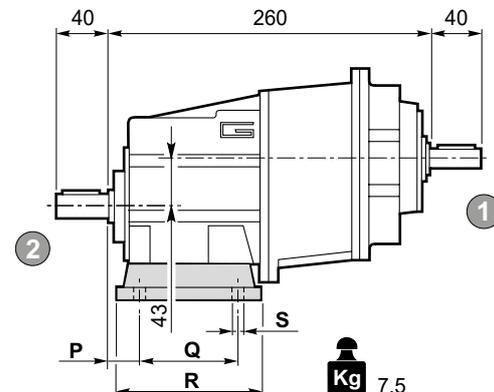


Albero entrata
Input shaft
1

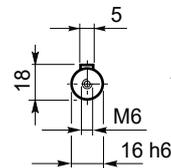
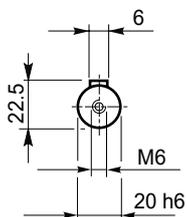
CMG 013 H..



CMGIS 013 H..



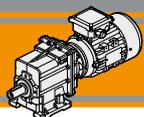
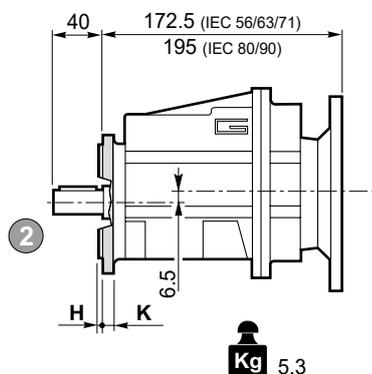
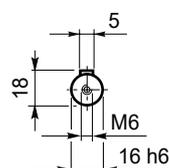
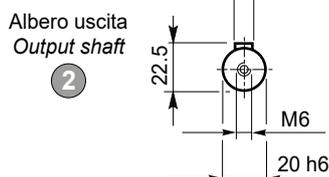
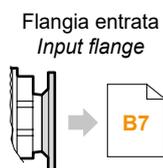
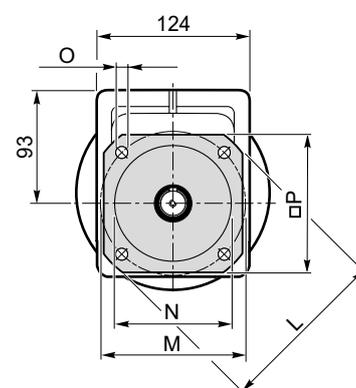
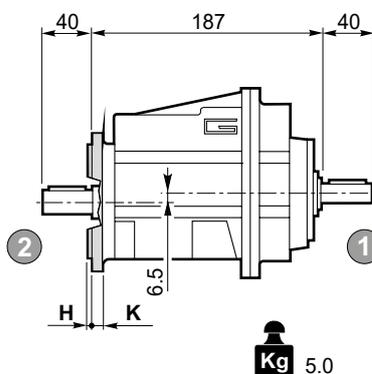
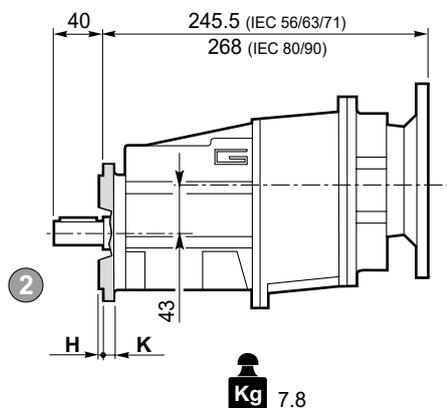
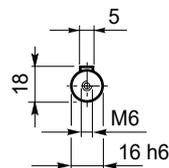
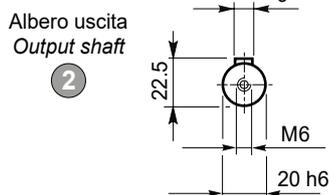
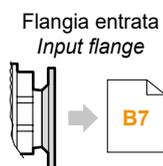
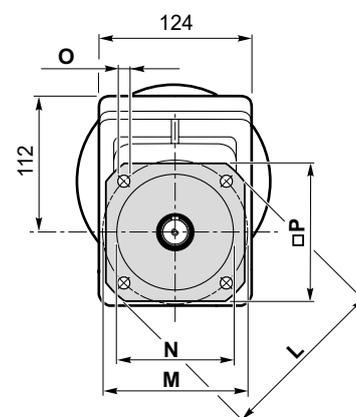
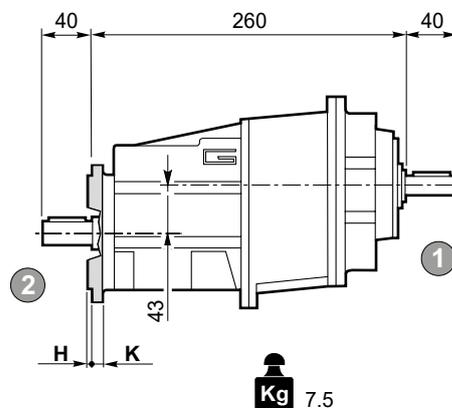
Albero uscita
Output shaft
2



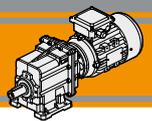
Albero entrata
Input shaft
1

Versione H / H Version										
CMG CMGIS	P	Q	R	S	U	V	X	Z	Piede / Foot	
									Tipo / Type	Peso / Weight [kg]
012 013	20	85	108	9	115	12	65	139	H65	0.7
	18	80	118	9	110	12	75	140	H75	1.0
	25	85	120	9	120	12	80	140	H80	1.1
	18	50 - 87	118	9	110	12	85	130	H85	1.2
	25	130	154	9	110	12	90	135	H90	1.5
	18	60 - 107.5	135	11	130	12	100	155	H100	1.7

Preferenziale / Preferred


CMG
Motoriduttori ad ingranaggi cilindrici
Helical in-line gearmotors
Dimensioni
Dimensions
CMG 012 F.. - CMG 013 F..
CMG 012 F..

CMGIS 012 F..

CMG 013 F..

CMGIS 013 F..

Versione F / F Version

CMG CMGIS	H	K	L	M	N f7	O	P	Flangia / Flange	
								Tipo / Type	Peso / Weight [kg]
012 013	3	9	120	100	80	9	106	F120	0.5
	3.5	9	140	115	95	9	115	F140	0.8
	3.5	9	160	130	110	9	126	F160	1.1
	3.5	11	200	165	130	11	165	F200	1.8



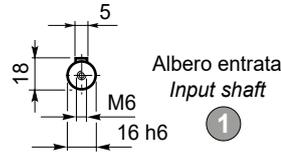
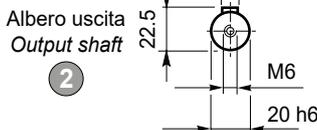
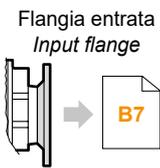
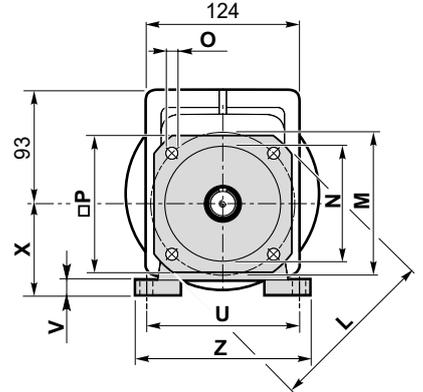
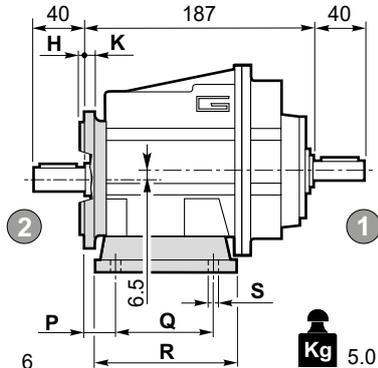
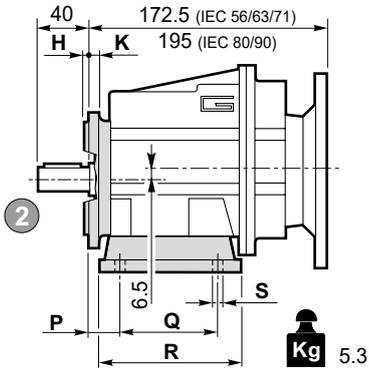
Dimensioni

Dimensions

CMG 012 H../F.. - CMG 013 H../F..

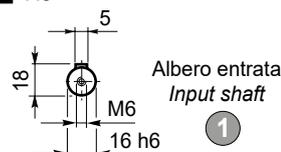
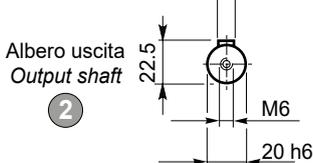
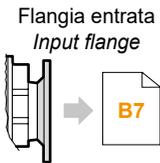
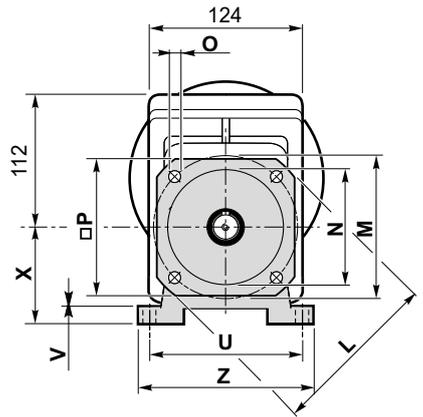
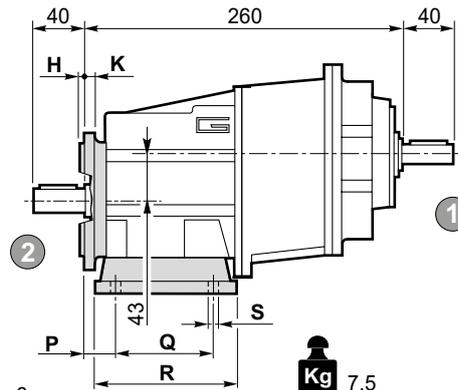
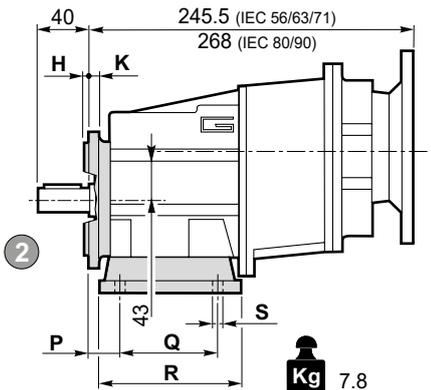
CMG 012 H../F..

CMGIS 012 H../F..



CMG 013 H../F..

CMGIS 013 H../F..



CMG CMGIS	Versione H / H Version								Piede / Foot		Combinazioni possibili H/F Possible combinations H/F			
	P	Q	R	S	U	V	X	Z	Tipo Type	Peso / Weight [kg]	F120	F140	F160	F200
	012 013	20	85	108	9	115	12	65	139	H65	0.7	•	•	•
18		80	118	9	110	12	75	140	H75	1.0	•	•	•	•
25		85	120	9	120	12	80	140	H80	1.1	•	•	•	•
18		50 - 87	118	9	110	12	85	130	H85	1.2	•	•	•	•
25		130	154	9	110	12	90	135	H90	1.5	•	•	•	•
18		60 - 107.5	135	11	130	12	100	155	H100	1.7	•	•	•	•

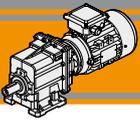
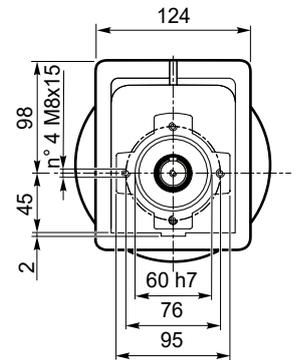
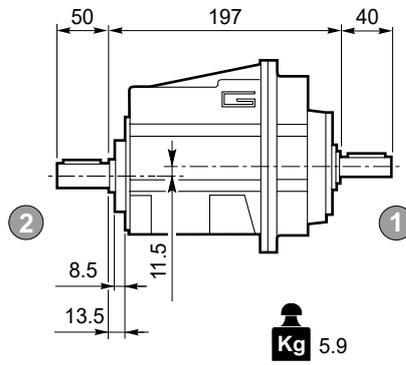
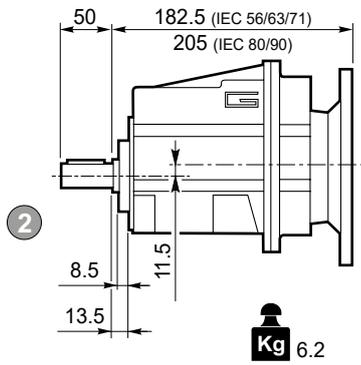
■ Preferenziale / Preferred

• Combinazioni possibili H/F / Possible combinations H/F

CMG CMGIS	Versione F / F Version							Flangia / Flange		
	H	K	L	M	N f7	O	P	Tipo / Type	Peso / Weight [kg]	
	012 013	3	9	120	100	80	9	106	F120	0.5
3.5		9	140	115	95	9	115	F140	0.8	
3.5		9	160	130	110	9	126	F160	1.1	
3.5		11	200	165	130	11	165	F200	1.8	



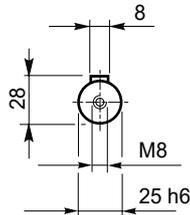
CMG

**Dimensioni****Dimensions****CMG 022 U - CMG 023 U****CMG 022 U****CMGIS 022 U**

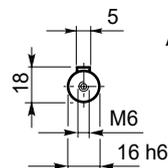
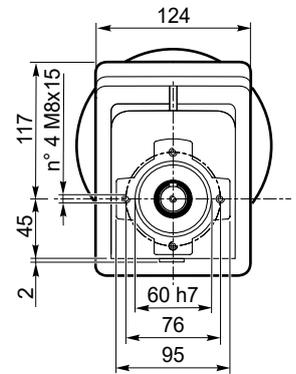
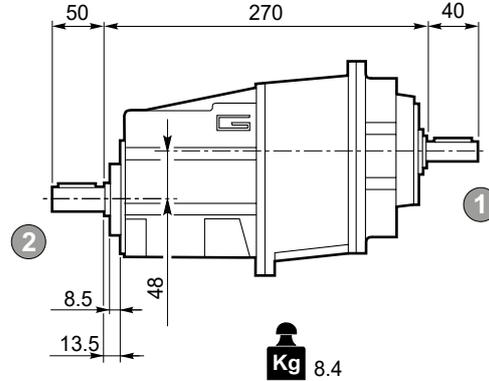
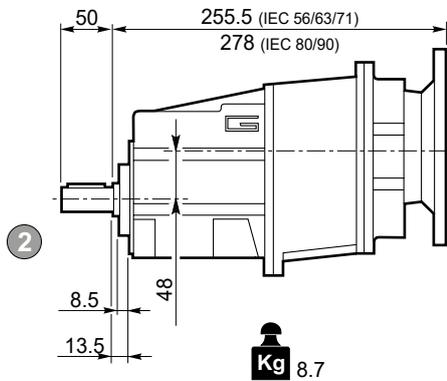
Flangia entrata
Input flange



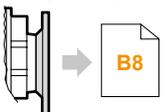
Albero uscita
Output shaft

2

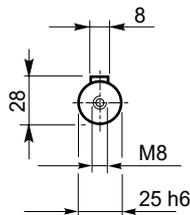
Albero entrata
Input shaft

1**CMG 023 U****CMGIS 023 U**

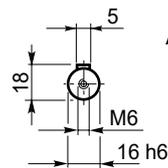
Flangia entrata
Input flange

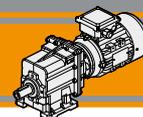


Albero uscita
Output shaft

2

Albero entrata
Input shaft

1



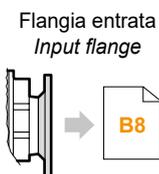
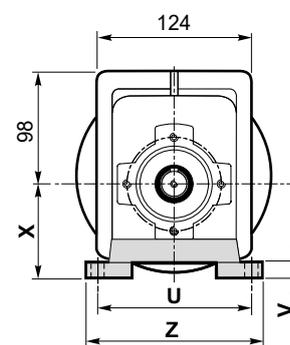
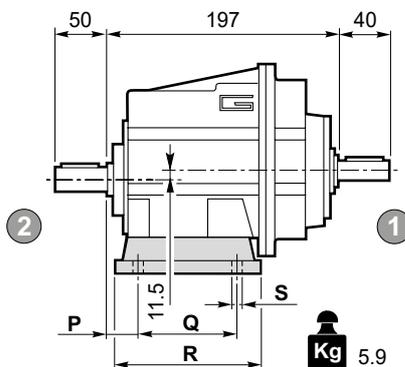
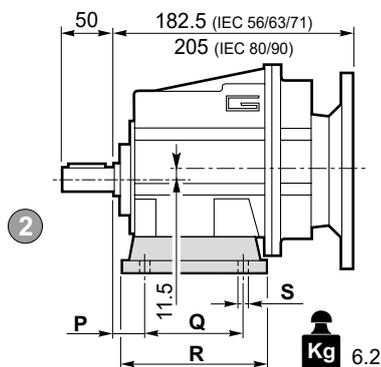
Dimensioni

Dimensions

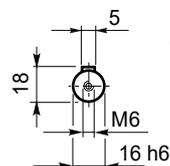
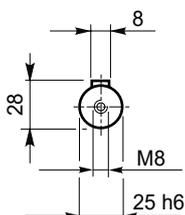
CMG 022 H.. - CMG 023 H..

CMG 022 H..

CMGIS 022 H..



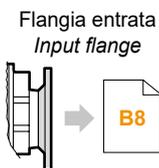
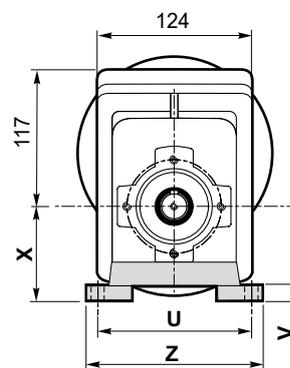
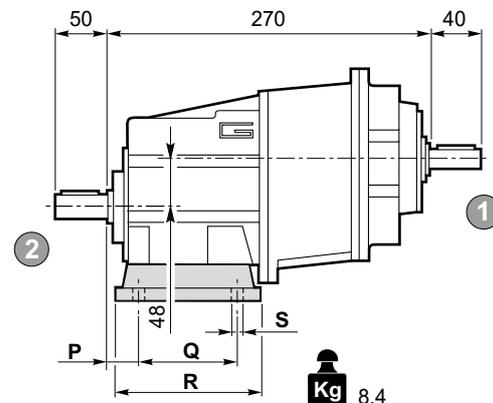
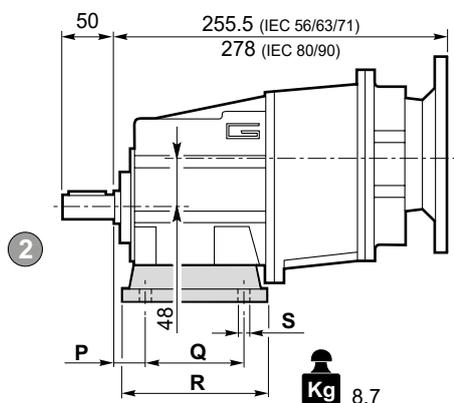
Albero uscita
Output shaft



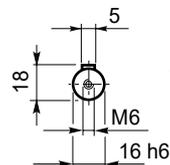
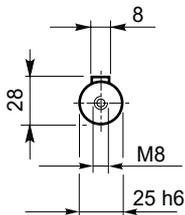
Albero entrata
Input shaft

CMG 023 H..

CMGIS 023 H..



Albero uscita
Output shaft

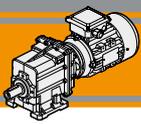
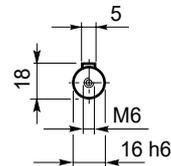
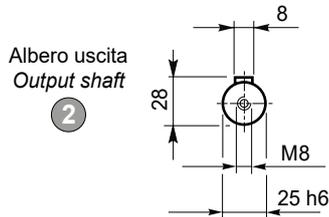
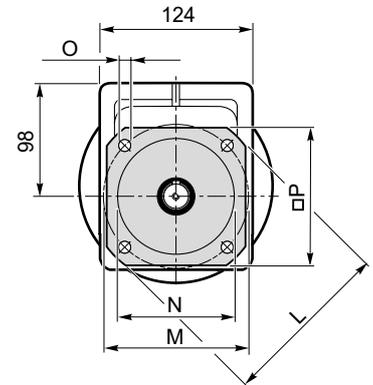
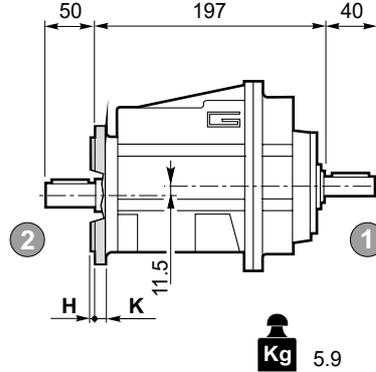
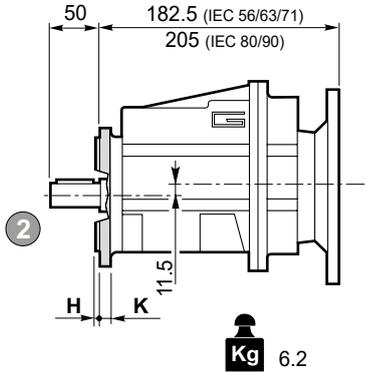
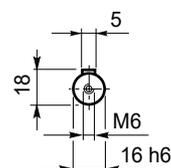
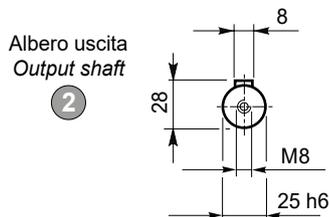
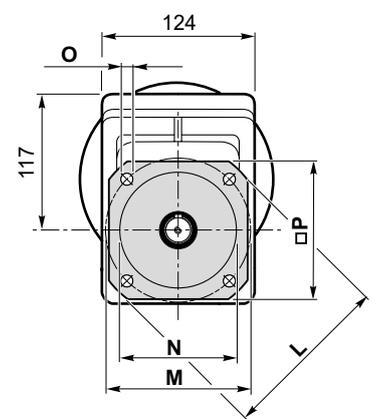
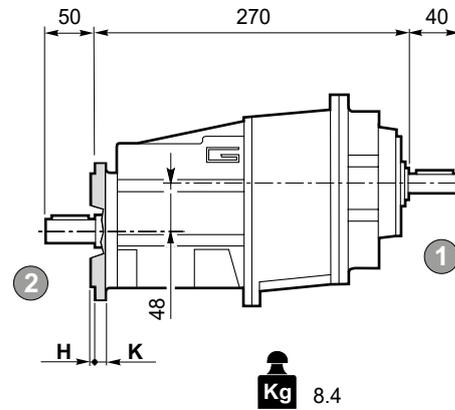
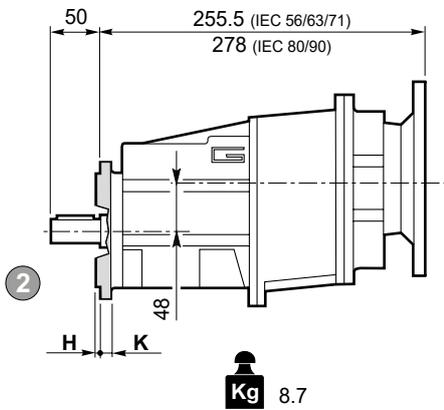


Albero entrata
Input shaft

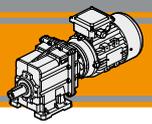
Versione H / H Version

CMG CMGIS	P	Q	R	S	U	V	X	Z	Piede / Foot	
									Tipo / Type	Peso / Weight [kg]
022 023	20	85	108	9	115	12	65	139	H65	0.7
	18	80	118	9	110	12	75	140	H75	1.0
	25	85	120	9	120	12	80	140	H80	1.1
	18	50 - 87	118	9	110	12	85	130	H85	1.2
	25	130	154	9	110	12	90	135	H90	1.5
	18	60 - 107.5	135	11	130	12	100	155	H100	1.7

Preferenziale / Preferred


CMG
Motoriduttori ad ingranaggi cilindrici
Helical in-line gearmotors
Dimensioni
Dimensions
CMG 022 F.. - CMG 023 F..
CMG 022 F..
CMGIS 022 F..

CMG 023 F..
CMGIS 023 F..

Versione F / F Version

CMG CMGIS	H	K	L	M	N f7	O	P	Flangia / Flange	
								Tipo / Type	Peso / Weight [kg]
022 023	3	9	120	100	80	9	106	F120	0.5
	3.5	9	140	115	95	9	115	F140	0.8
	3.5	9	160	130	110	9	126	F160	1.1
	3.5	11	200	165	130	11	165	F200	1.8



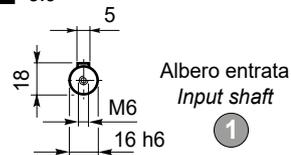
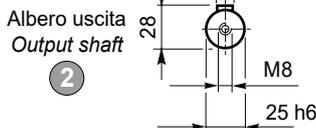
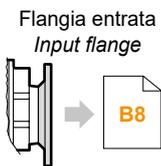
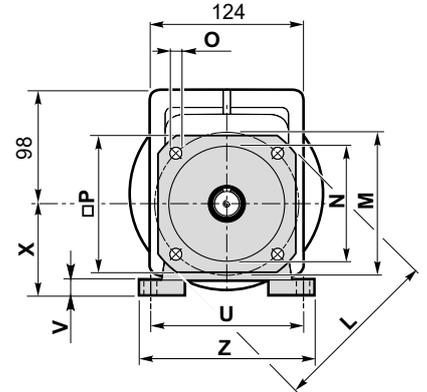
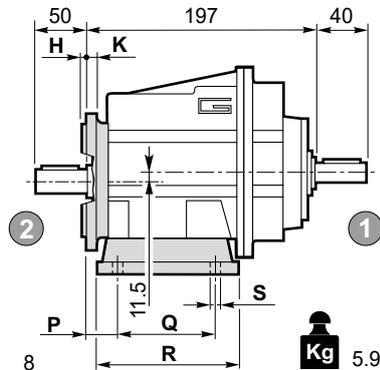
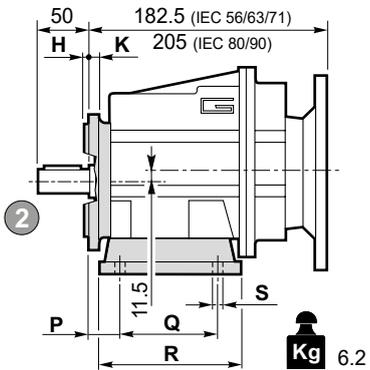
Dimensioni

Dimensions

CMG 022 H../F.. - CMG 023 H../F..

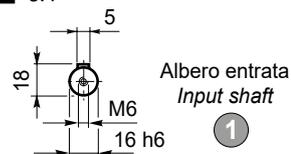
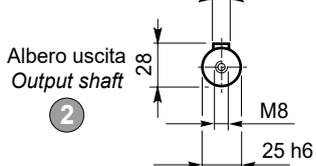
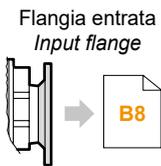
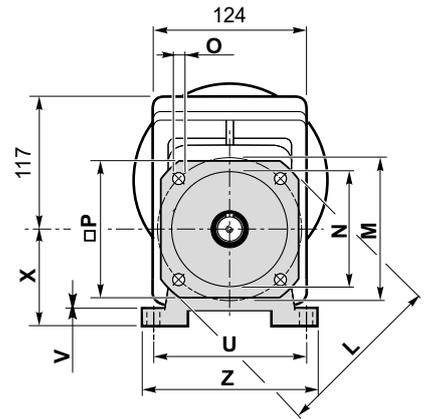
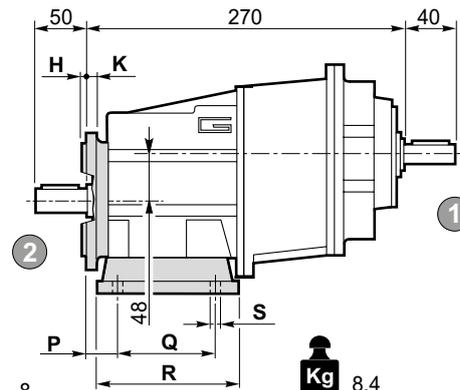
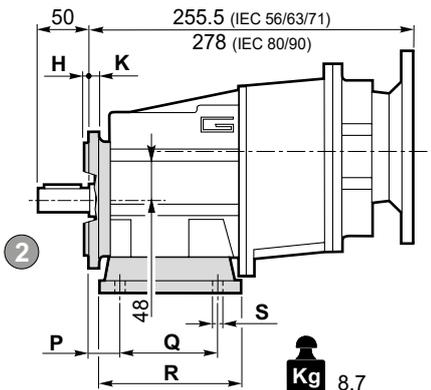
CMG 022 H../F..

CMGIS 022 H../F..



CMG 023 H../F..

CMGIS 023 H../F..



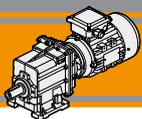
CMG CMGIS	Versione H / H Version								Piede / Foot		Combinazioni possibili H/F Possible combinations H/F			
	P	Q	R	S	U	V	X	Z	Tipo Type	Peso / Weight [kg]	F120	F140	F160	F200
	022 023	20	85	108	9	115	12	65	139	H65	0.7	•	•	
18		80	118	9	110	12	75	140	H75	1.0	•	•	•	
25		85	120	9	120	12	80	140	H80	1.1	•	•	•	
18		50 - 87	118	9	110	12	85	130	H85	1.2	•	•	•	
25		130	154	9	110	12	90	135	H90	1.5	•	•	•	•
18		60 - 107.5	135	11	130	12	100	155	H100	1.7	•	•	•	•

■ Preferenziale / Preferred

• Combinazioni possibili H/F / Possible combinations H/F

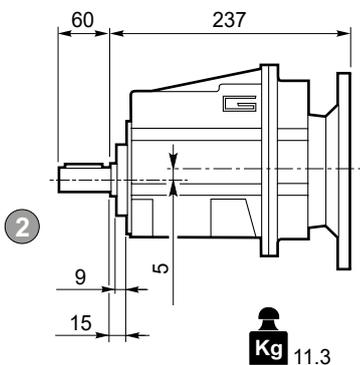
CMG CMGIS	Versione F / F Version							Flangia / Flange	
	H	K	L	M	N f7	O	P	Tipo / Type	Peso / Weight [kg]
	022 023	3	9	120	100	80	9	106	F120
3.5		9	140	115	95	9	115	F140	0.8
3.5		9	160	130	110	9	126	F160	1.1
3.5		11	200	165	130	11	165	F200	1.8



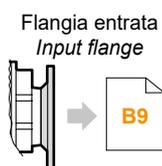
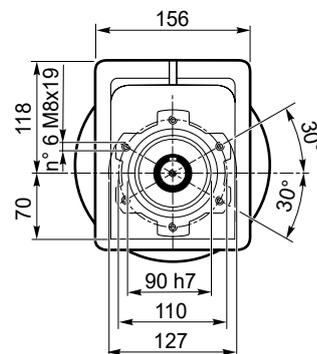
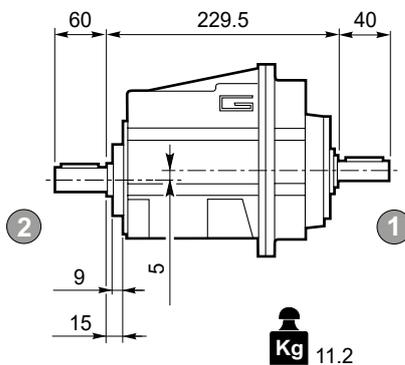


CMG 032 U - CMG 033 U

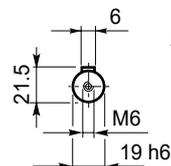
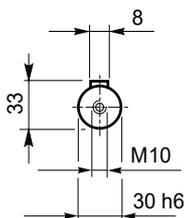
CMG 032 U



CMGIS 032 U

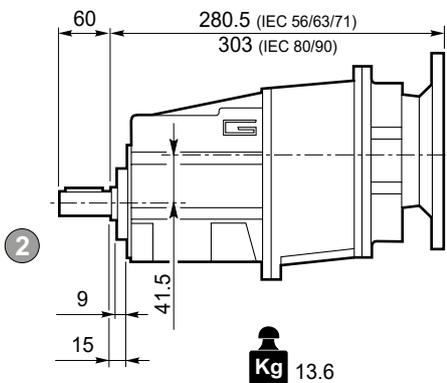


Albero uscita
Output shaft
2

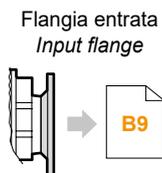
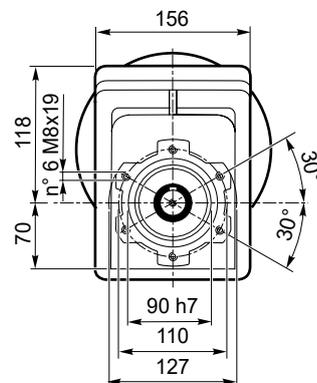
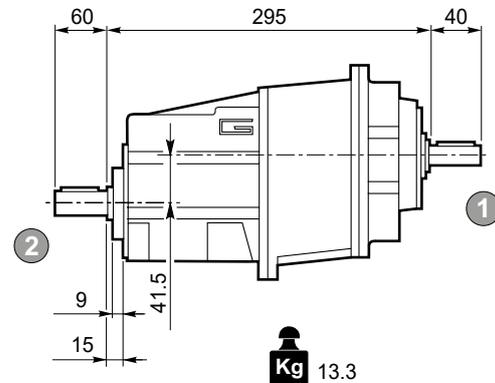


Albero entrata
Input shaft
1

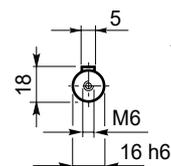
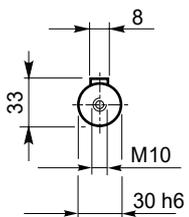
CMG 033 U



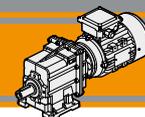
CMGIS 033 U



Albero uscita
Output shaft
2



Albero entrata
Input shaft
1

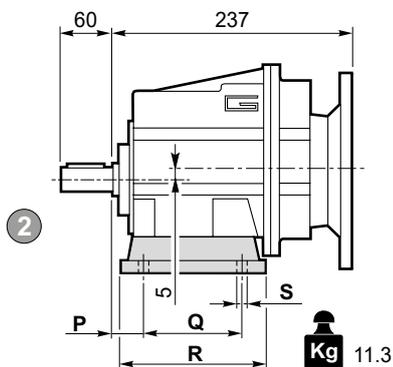


Dimensioni

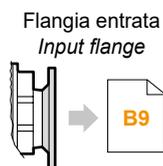
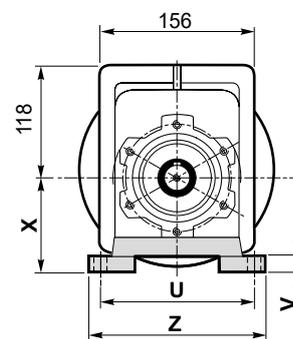
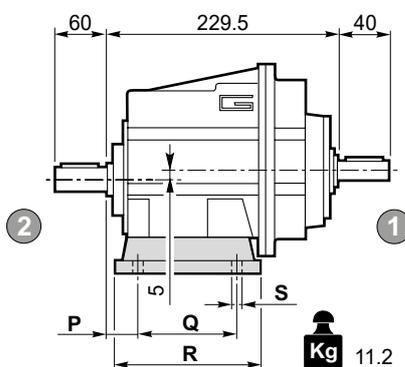
Dimensions

CMG 032 H.. - CMG 033 H..

CMG 032 H..

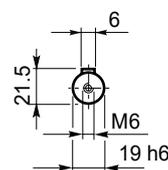
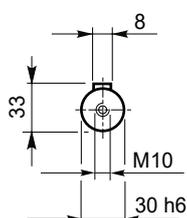


CMGIS 032 H..



B9

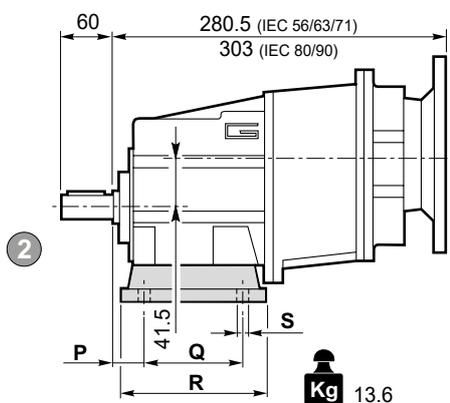
Albero uscita
Output shaft



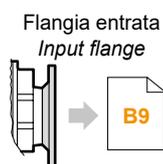
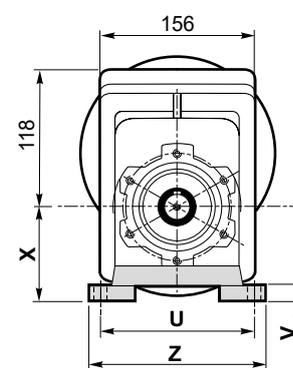
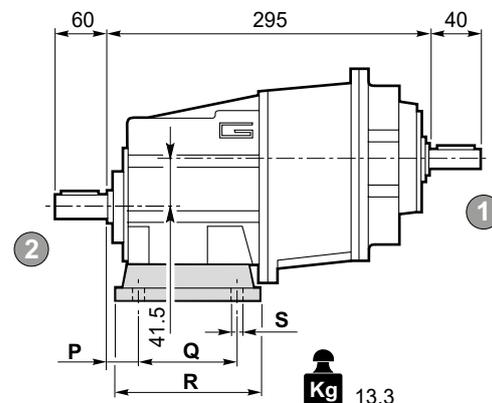
Albero entrata
Input shaft



CMG 033 H..

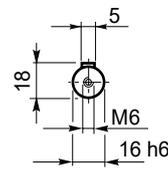
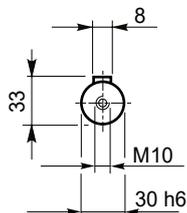


CMGIS 033 H..



B9

Albero uscita
Output shaft



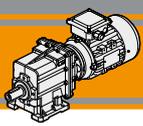
Albero entrata
Input shaft



Versione H / H Version

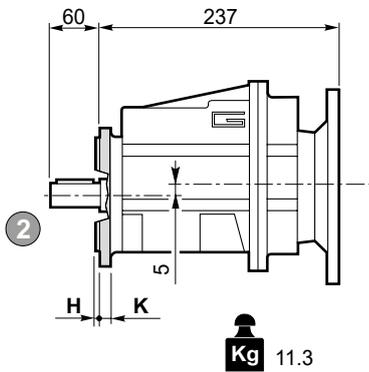
CMG CMGIS	P	Q	R	S	U	V	X	Z	Piede / Foot	
									Tipo / Type	Peso / Weight [kg]
032 033	30	105	136	14	160	14	95	194	H95	1.5
	30	100	150	11	150	14	110	185	H110	1.9
	18	70			160					
	30	165	195	14	135	14	115	170	H115	2.2
	35	110	160	14	170	14	120	210	H120	2.6
	19.5	149.5	184	14	180	18	130	214	H130	2.9

Preferenziale / Preferred

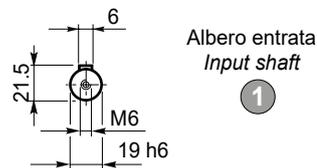
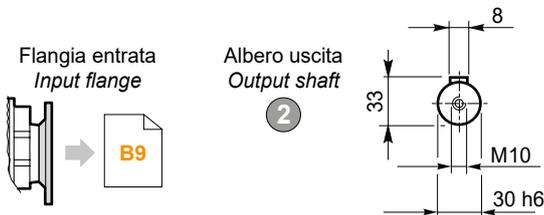
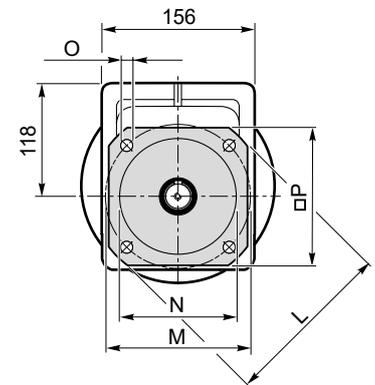
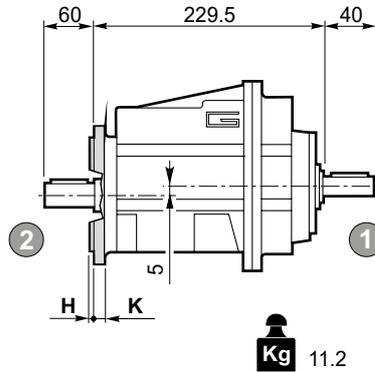


CMG 032 F.. - CMG 033 F..

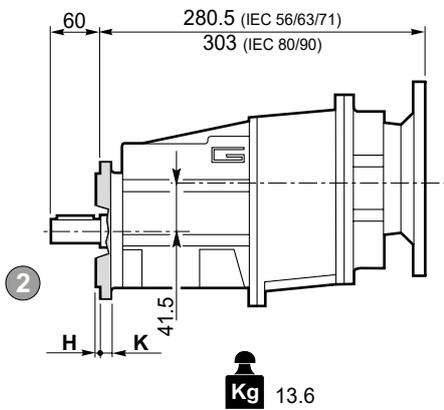
CMG 032 F..



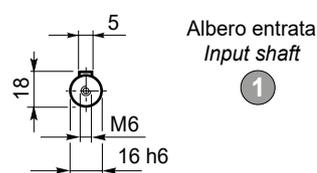
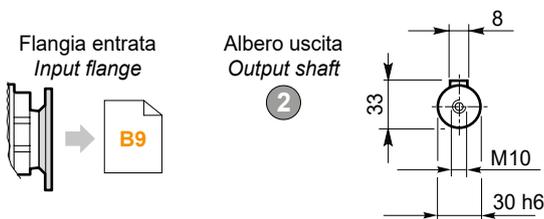
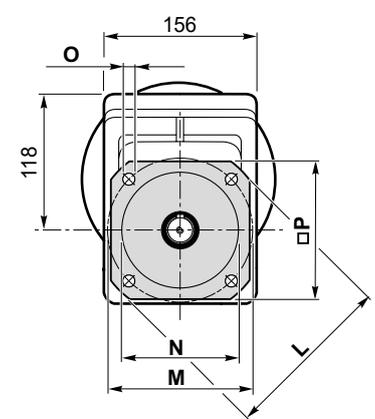
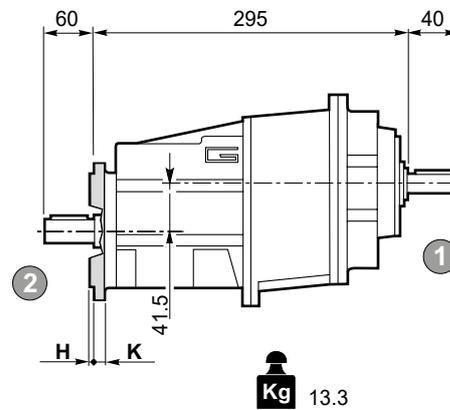
CMGIS 032 F..



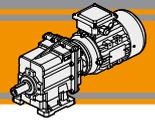
CMG 033 F..



CMGIS 033 F..



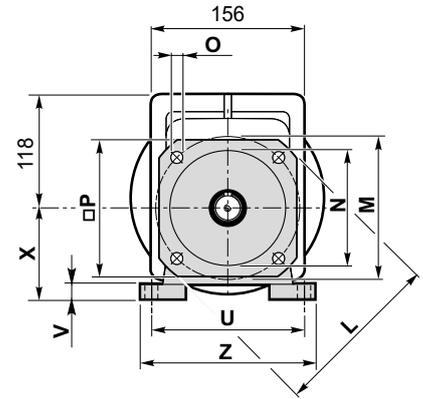
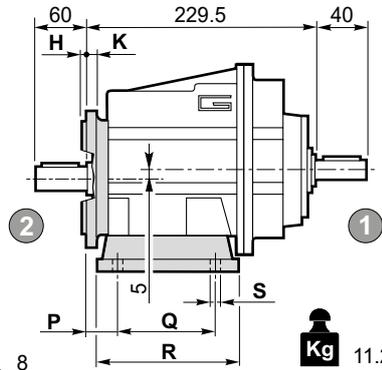
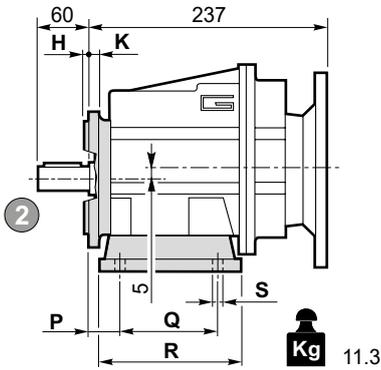
Versione F / F Version									
CMG CMGIS	H	K	L	M	N f7	O	P	Flangia / Flange	
								Tipo / Type	Peso / Weight [kg]
032 033	3.5	11	160	130	110	9	140	F160	1.0
	3.5	11	200	165	130	11	165	F200	1.8
	4	13	250	215	180	14	215	F250	2.9



CMG 032 H../F.. - CMG 033 H../F..

CMG 032 H../F..

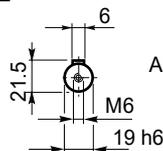
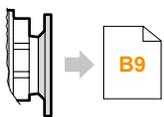
CMGIS 032 H../F..



Flangia entrata
Input flange

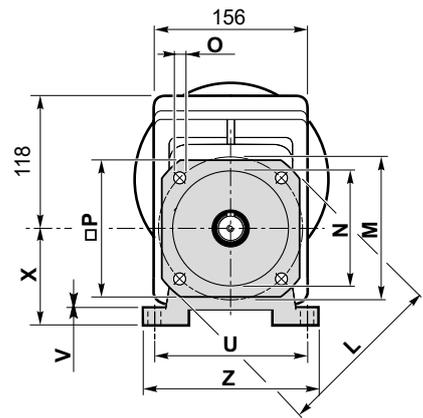
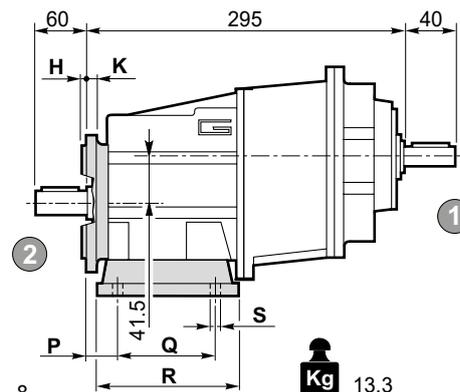
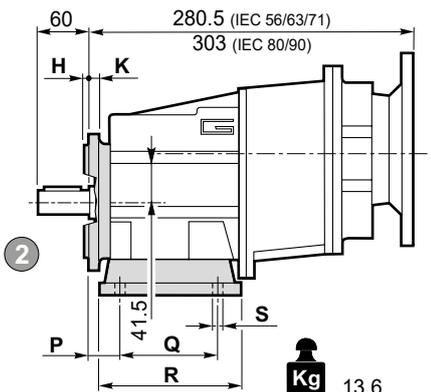
Albero uscita
Output shaft

Albero entrata
Input shaft



CMG 033 H../F..

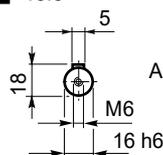
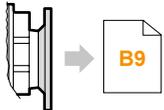
CMGIS 033 H../F..



Flangia entrata
Input flange

Albero uscita
Output shaft

Albero entrata
Input shaft

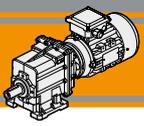


CMG CMGIS	Versione H / H Version									Combinazioni possibili H/F Possible combinations H/F			
	P	Q	R	S	U	V	X	Z	Piede / Foot		F160	F200	F250
									Tipo Type	Peso / Weight [kg]			
032 033	30	105	136	14	160	14	95	194	H95	1.5	•	•	
	30	100	150	11	150	14	110	185	H110	1.9	•	•	
	18	70			160						•	•	
	30	165	195	14	135	14	115	170	H115	2.2	•	•	•
	35	110	160	14	170	14	120	210	H120	2.6	•	•	•
19.5	149.5	184	14	180	18	130	214	H130	2.9	•	•	•	

Preferenziale / Preferred

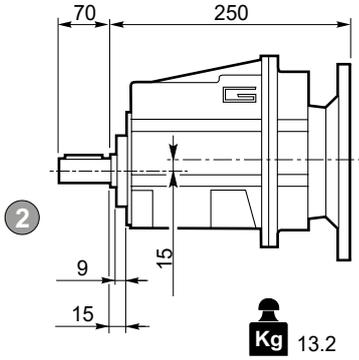
• Combinazioni possibili H/F / Possible combinations H/F

CMG CMGIS	Versione F / F Version								Flangia / Flange	
	H	K	L	M	N f7	O	P	Flangia / Flange		
								Tipo / Type	Peso / Weight [kg]	
032 033	3.5	11	160	130	110	9	140	F160	1.0	
	3.5	11	200	165	130	11	165	F200	1.8	
	4	13	250	215	180	14	215	F250	2.9	

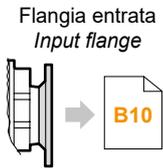
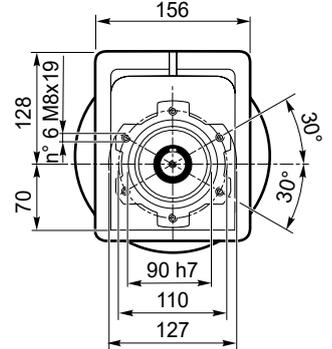
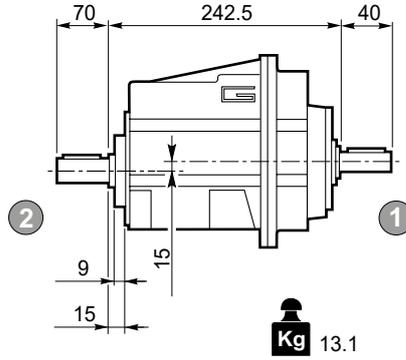


CMG 042 U - CMG 043 U

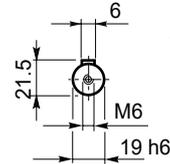
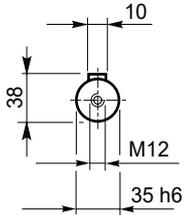
CMG 042 U



CMGIS 042 U

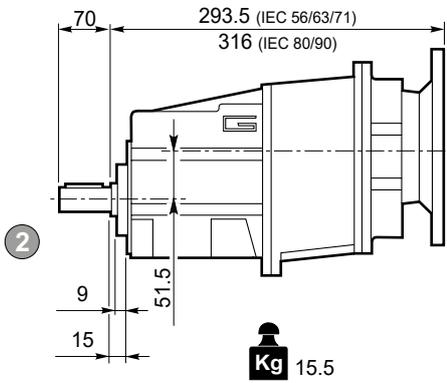


Albero uscita
Output shaft

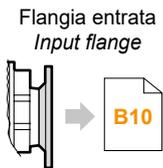
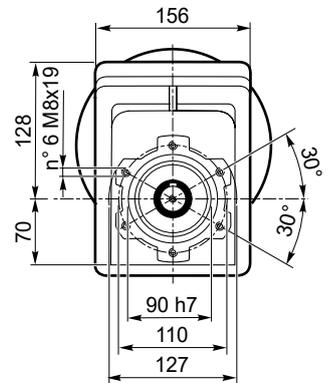
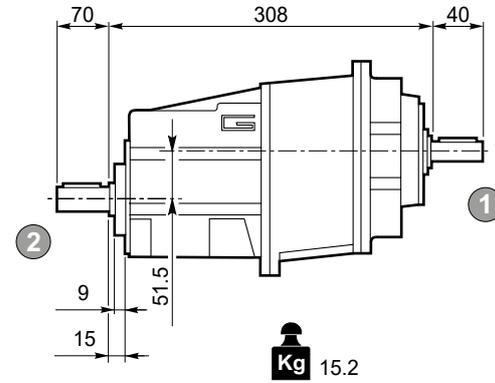


Albero entrata
Input shaft

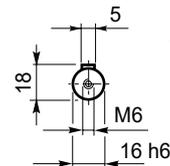
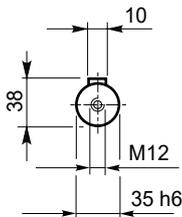
CMG 043 U



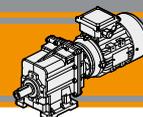
CMGIS 043 U



Albero uscita
Output shaft



Albero entrata
Input shaft



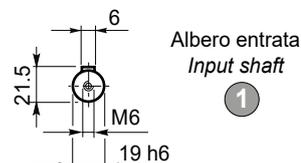
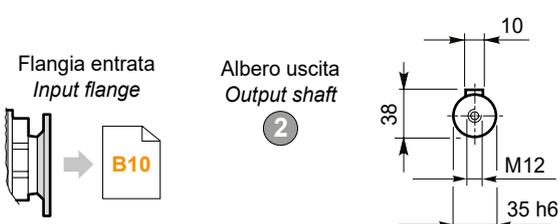
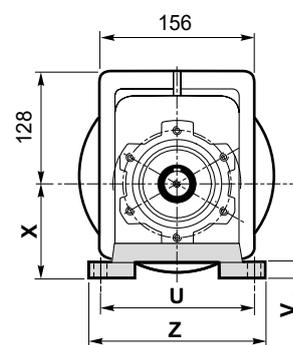
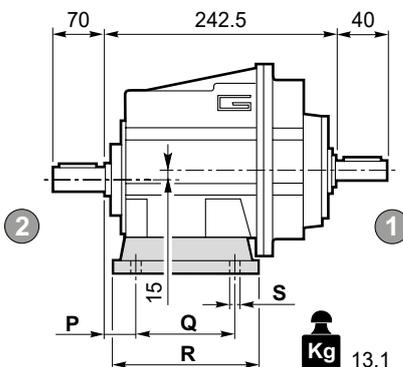
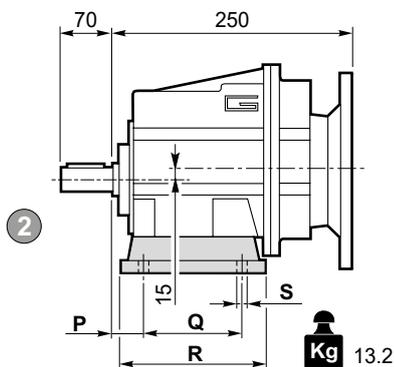
Dimensioni

Dimensions

CMG 042 H.. - CMG 043 H..

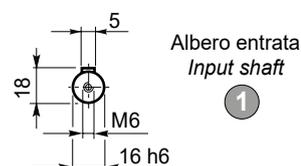
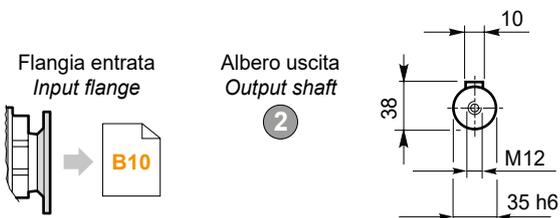
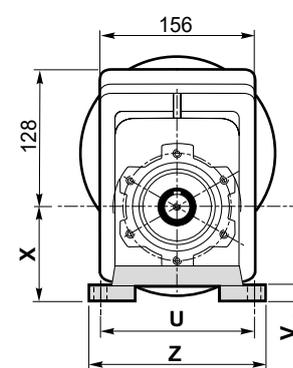
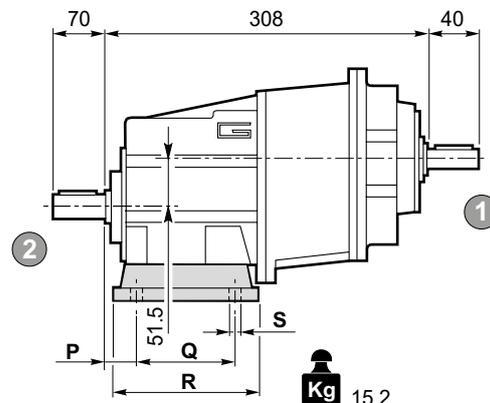
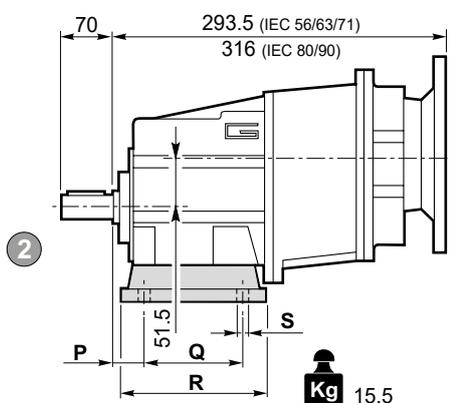
CMG 042 H..

CMGIS 042 H..



CMG 043 H..

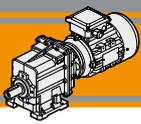
CMGIS 043 H..



Versione H / H Version

CMG CMGIS	P	Q	R	S	U	V	X	Z	Piede / Foot	
									Tipo / Type	Peso / Weight [kg]
042 043	30	105	136	14	160	14	95	194	H95	1.5
	30	100	150	11	150	14	110	185	H110	1.9
	18	70			160					
	30	165	195	14	135	14	115	170	H115	2.2
	35	110	160	14	170	14	120	210	H120	2.6
	19.5	149.5	184	14	180	18	130	214	H130	2.9

Preferenziale / Preferred

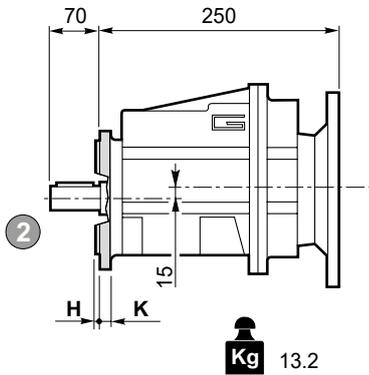


Dimensioni

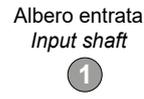
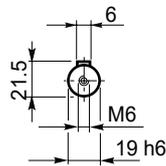
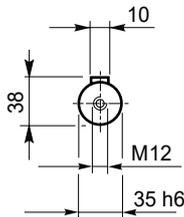
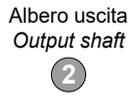
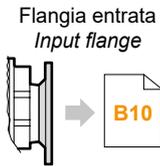
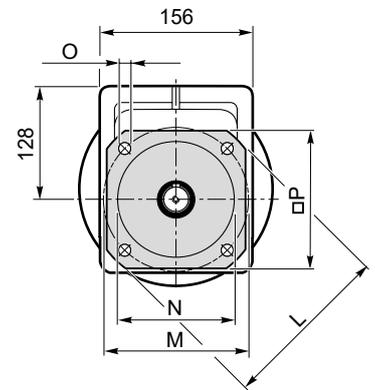
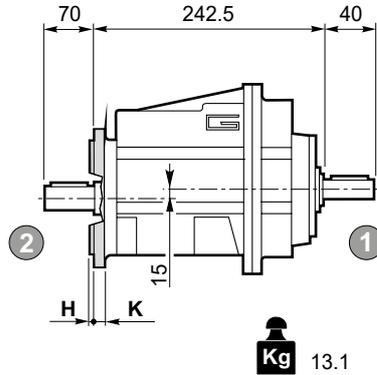
Dimensions

CMG 042 F.. - CMG 043 F..

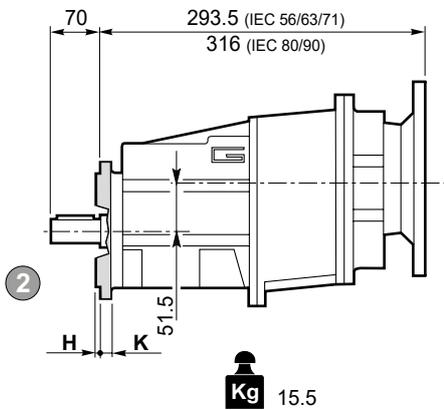
CMG 042 F..



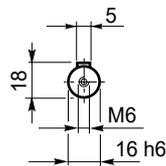
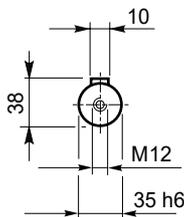
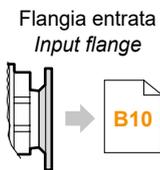
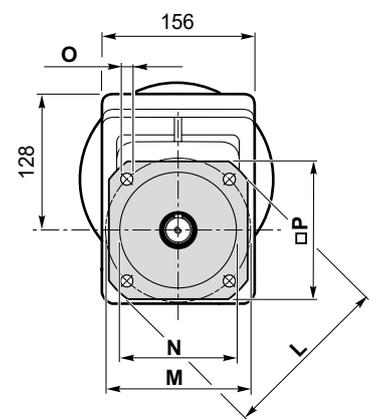
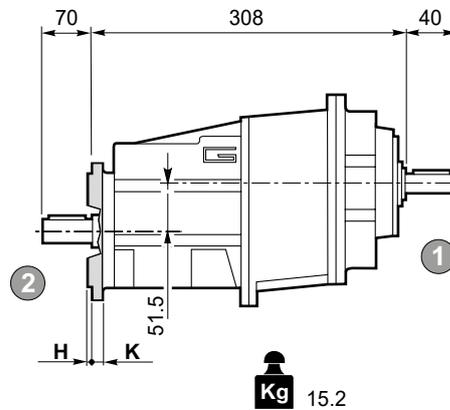
CMGIS 042 F..



CMG 043 F..

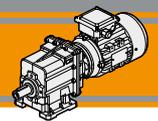


CMGIS 043 F..



Versione F / F Version

CMG CMGIS	H	K	L	M	N f7	O	P	Flangia / Flange	
								Tipo / Type	Peso / Weight [kg]
042 043	3.5	11	160	130	110	9	140	F160	1.0
	3.5	11	200	165	130	11	165	F200	1.8
	4	13	250	215	180	14	215	F250	2.9



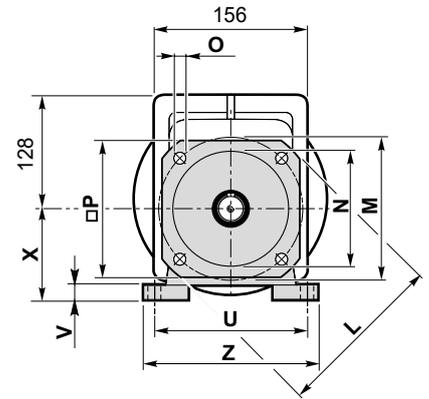
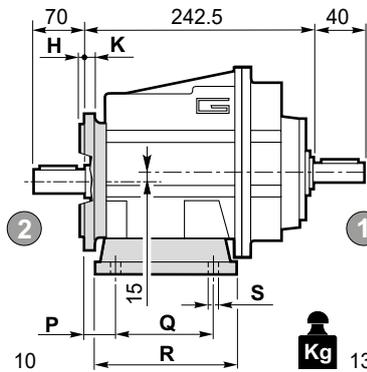
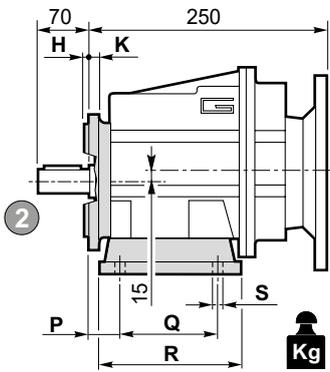
Dimensioni

Dimensions

CMG 042 H../F.. - CMG 043 H../F..

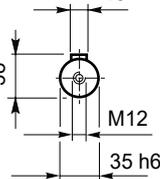
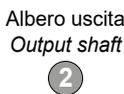
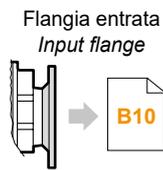
CMG 042 H../F..

CMGIS 042 H../F..



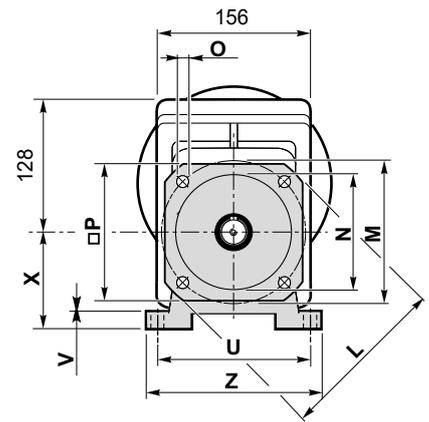
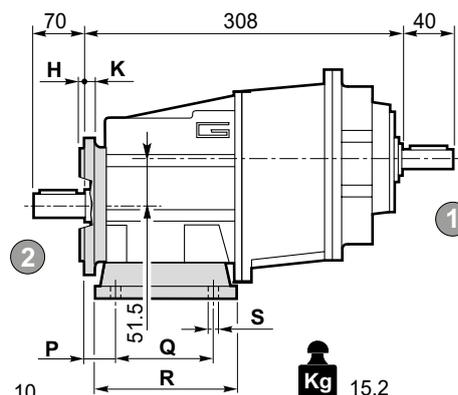
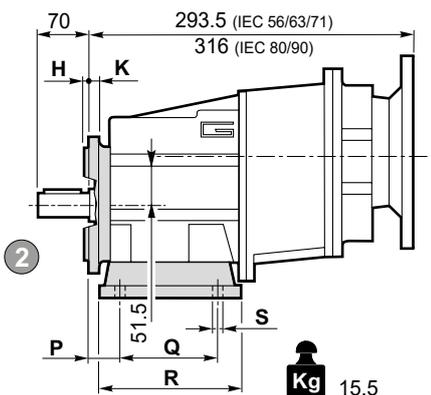
Kg 13.2

Kg 13.1



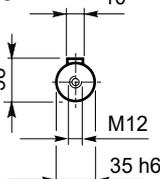
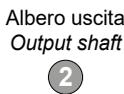
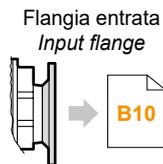
CMG 043 H../F..

CMGIS 043 H../F..



Kg 15.5

Kg 15.2

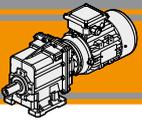


Versione H / H Version										Combinazioni possibili H/F Possible combinations H/F			
CMG CMGIS	P	Q	R	S	U	V	X	Z	Piede / Foot		F160	F200	F250
									Tipo Type	Peso / Weight [kg]			
042 043	30	105	136	14	160	14	95	194	H95	1.5	•	•	
	30	100	150	11	150	14	110	185	H110	1.9	•	•	
	18	70	160	14	135	14	115	170	H115	2.2	•	•	•
	30	165	195	14	170	14	120	210	H120	2.6	•	•	•
	35	110	160	14	180	18	130	214	H130	2.9	•	•	•
	19.5	149.5	184	14	180	18	130	214	H130	2.9	•	•	•

■ Preferenziale / Preferred

• Combinazioni possibili H/F / Possible combinations H/F

Versione F / F Version										
CMG CMGIS	H	K	L	M	N f7	O	P	Flangia / Flange		
								Tipo / Type	Peso / Weight [kg]	
042 043	3.5	11	160	130	110	9	140	F160	1.0	
	3.5	11	200	165	130	11	165	F200	1.8	
	4	13	250	215	180	14	215	F250	2.9	



Note/Notes

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