

		Pag. Page
Indice	Index	
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

Any questions? Please contact us.

Morskate Aandrijvingen BV

Oosterveldsingel 47A
7558 PJ Hengelo (Ov)
The Netherlands

NL

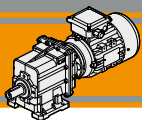
T +31 (0)74 - 760 11 11
info@morskateaandrijvingen.nl
www.morskateaandrijvingen.nl

DE

T +49 692 - 222 34 95
info@morskateantriebstechnik.de
www.morskateantriebstechnik.de

EN

T +31 (0)74 - 760 11 11
info@morskatedrivetechnology.com
www.morskatedrivetechnology.com



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.

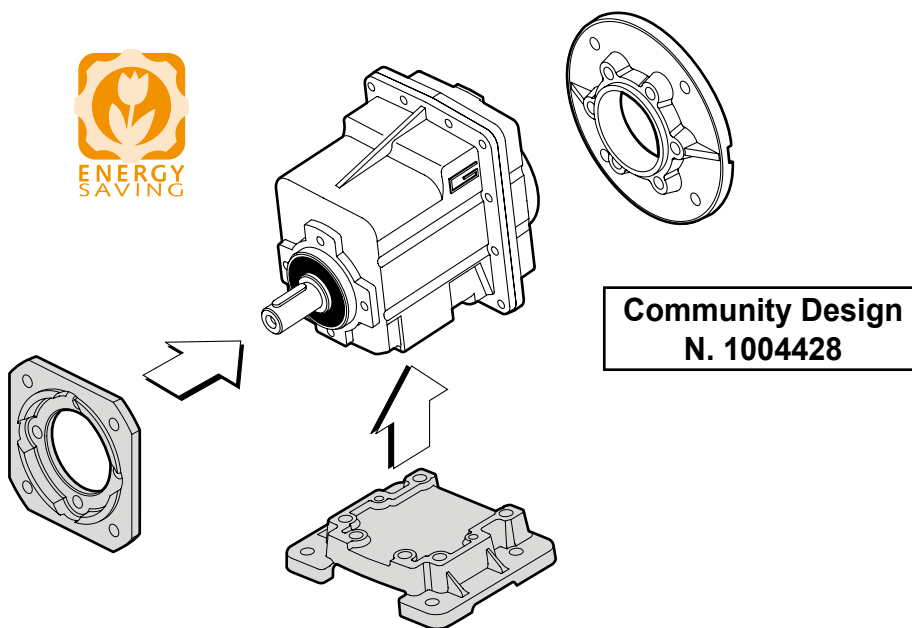
The high degree of modularity is a design feature of CMG helical in-line gearmotors range. It is possible to set up the version required using flanges or feet.

Caratteristiche comuni a tutta la serie:

The main features of CMG range are:

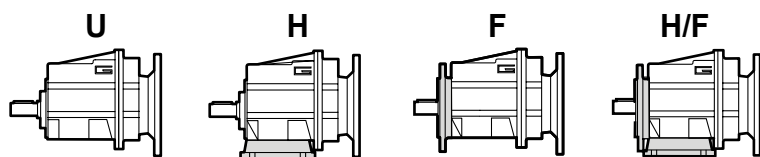
- Carcasa e flangia PAM in pressofusione di alluminio per le taglie 00, 01, 02, 03 e 04.
- Piedi e flange d'uscita in ghisa;
- Ingranaggi cilindrici a denti elicoidali, induriti e rettificati;
- Lubrificazione permanente con olio sintetico.

- *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.*

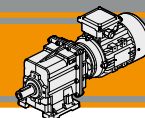


Designazione

Classification

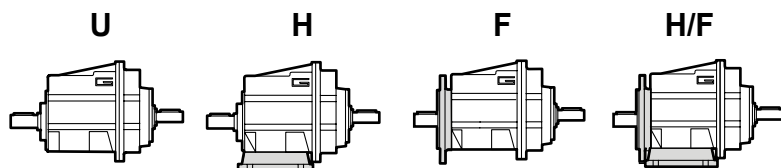


RIDUTTORE / GEARBOX							
CMG	01	2	H65	9.81	D20	71	B14
Tipo Type	Grandezza Size	Stadi Stages	Versione Version	Rapporto Ratio	Albero uscita Output shaft	IEC 	Forma costruttiva Version
CMG	00 01 02 03 04	2 3	U... H... F... H.../F...	vedi tabelle see tables	vedi tabelle see tables	56.. — 112..	B5 B14



Designazione

Classification



RIDUTTORE / GEARBOX

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

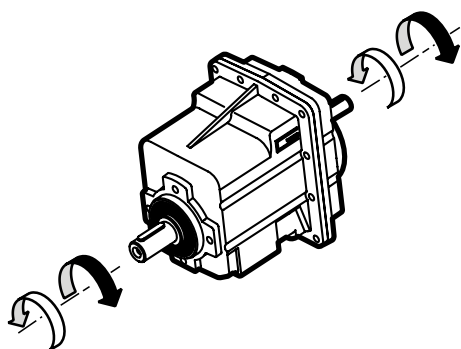
MOTORE / MOTOR

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

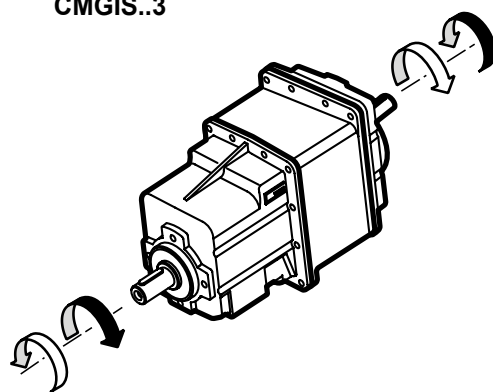
Sensi di rotazione

Direction of rotation

CMG...2
CMGIS..2



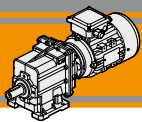
CMG...3
CMGIS..3



Simbologia

Symbols

n_1	[min ⁻¹]	Velocità in ingresso / Input speed
n_2	[min ⁻¹]	Velocità in uscita / Output speed
i		Rapporto di riduzione / Ratio
P_1	[kW]	Potenza in entrata / Input power
M_2	[Nm]	Coppia nominale in uscita in funzione di P_1 / Output torque referred to P_1
Pn_1	[kW]	Potenza nominale in entrata / Nominal input power
Mn_2	[Nm]	Coppia nominale in uscita in funzione di Pn_1 / Nominal output torque referred to Pn_1
sf		Fattore di servizio / Service factor
R_2	[N]	Carico radiale ammissibile in uscita / Permitted output radial load
A_2	[N]	Carico assiale ammissibile in uscita / Permitted output axial load



Lubrificazione

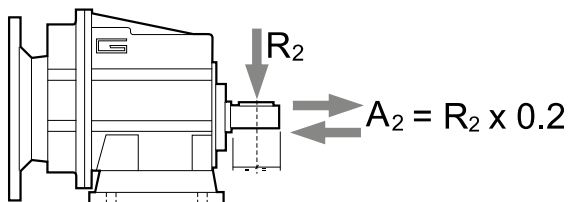
Lubrication

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

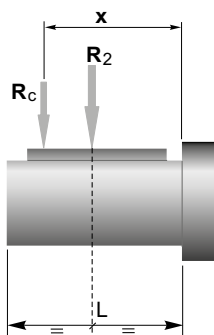
Radial loads



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:

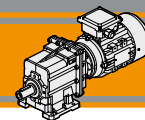


	CMG 00	CMG 01	CMG 02	CMG 03	CMG 04
a	73	104	117	132	150
b	53	84	92	102	115
R _{2MAX}	1300	2500	5000	6500	8000

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

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

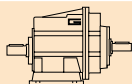
$$R \leq R_c$$



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.

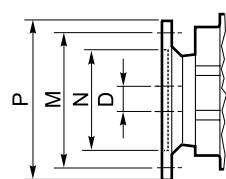
N.B.
Highlighted areas indicate motor inputs available on each size of unit.

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

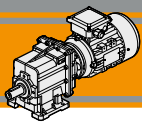
 * = The service factor (sf) has to be selected depending on application: please contact our Technical Department.

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.



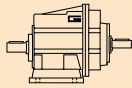
Dimensioni IEC / IEC Dimensions								
	56 B5	56 B14	63 B5	63 B14	71 B5	71 B14	80 B5	80 B14
N	80	50	95	60	110	70	130	80
M	100	65	115	75	130	85	165	100
P	120	80	140	90	160	105	200	120
D	9		11		14		19	




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 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				*	*	

	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 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.

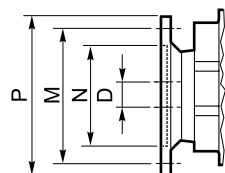
N.B.
Highlighted areas indicate motor inputs available on each size of unit.

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

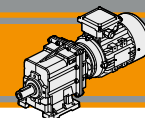
 * = The service factor (sf) has to be selected depending on application: please contact our Technical Department.

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.



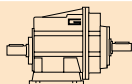
Dimensioni IEC / IEC Dimensions										
	56 B5	56 B14	63 B5	63 B14	71 B5	71 B14	80 B5	80 B14	90 B5	90 B14
N	80	50	95	60	110	70	130	80	130	95
M	100	65	115	75	130	85	165	100	165	115
P	120	80	140	90	160	105	200	120	200	140
D	9		11		14		19		24	




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.

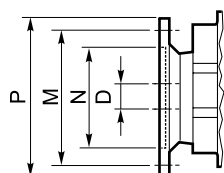
N.B.
Highlighted areas indicate motor inputs available on each size of unit.

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

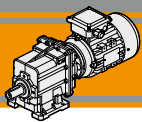
 * = The service factor (sf) has to be selected depending on application: please contact our Technical Department.

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.



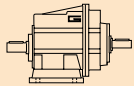
Dimensioni IEC / IEC Dimensions										
	56 B5	56 B14	63 B5	63 B14	71 B5	71 B14	80 B5	80 B14	90 B5	90 B14
N	80	50	95	60	110	70	130	80	130	95
M	100	65	115	75	130	85	165	100	165	115
P	120	80	140	90	160	105	200	120	200	140
D	9		11		14		19		24	




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		*	*		*

	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 033										
	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.

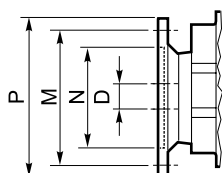
N.B.
Highlighted areas indicate motor inputs available on each size of unit.
B = Metal shaft sleeve.

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

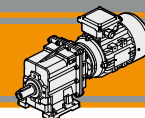
 * = The service factor (**sf**) has to be selected depending on application: please contact our Technical Department.

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.



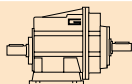
Dimensioni IEC / IEC Dimensions												
	56 B5	56 B14	63 B5	63 B14	71 B5	71 B14	80 B5	80 B14	90 B5	90 B14	100/112 B5	100/112 B14
N	80	50	95	60	110	70	130	80	130	95	180	110
M	100	65	115	75	130	85	165	100	165	115	215	130
P	120	80	140	90	160	105	200	120	200	140	250	160
D	9		11		14		19		24		28	



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			*		*


CMGIS 043					IEC Motor adapters					
					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.

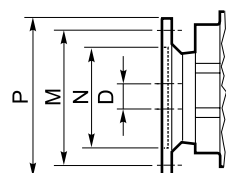
 * = Il fattore di servizio (sf) deve essere scelto in funzione dell'applicazione: si prega di contattare il nostro Servizio Tecnico.

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

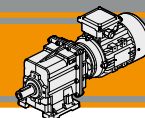
N.B.
Highlighted areas indicate motor inputs available on each size of unit.
B = Metal shaft sleeve.

 * = 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.

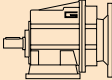

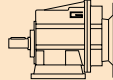



Dimensioni IEC / IEC Dimensions												
	56 B5	56 B14	63 B5	63 B14	71 B5	71 B14	80 B5	80 B14	90 B5	90 B14	100/112 B5	100/112 B14
N	80	50	95	60	110	70	130	80	130	95	180	110
M	100	65	115	75	130	85	165	100	165	115	215	130
P	120	80	140	90	160	105	200	120	200	140	250	160
D	9		11		14		19		24		28	



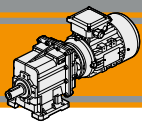
Dati tecnici

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					
0.09							0.12									
56B4 (1400 min ⁻¹)	21.9	37	5.4	64.01	CMG023	B5/B14	63A4 (1400 min ⁻¹)	5.4	171	0.7	261.57	CMG023	B5/B14			
	18.4	44	4.6	76.02			4.6	171	0.7	304.00						
15.5	52	3.8	90.29	3.6			171	0.7	393.33							
12.2	66	3.0	114.46	3.2			171	0.7	443.59							
10.3	78	2.5	135.95													
8.0	102	2.0	175.89					21.9	49	4.1	64.01				B5/B14	
6.8	118	1.7	204.69					18.4	58	3.4	76.02				B5/B14	
5.3	153	1.3	264.84					15.5	69	2.9	90.29				B5/B14	
4.5	178	1.1	307.80					12.2	88	2.3	114.46				B5/B14	
3.5	230	0.9	398.25					10.3	105	1.9	135.95				B5/B14	
3.1	259	0.8	449.14			8.0	135	1.5	175.89		B5/B14					
							6.8	157	1.3	204.69		B5/B14				
							5.3	204	1.0	264.84		B5/B14				
12.1	67	4.5	115.74	CMG033	B5/B14	4.5	237	0.8	307.80		B5/B14					
9.9	81	3.7	140.81			3.5	285	0.7	398.25		B5/B14					
8.0	101	3.0	174.26			3.1	285	0.7	449.14		B5/B14					
6.2	130	2.3	225.47													
5.3	151	2.0	262.05													
4.3	188	1.6	325.79			19.2	56	5.4	72.83	CMG033	B5/B14					
3.7	219	1.4	378.64			14.4	75	4.0	97.45				B5/B14			
3.3	246	1.2	427.03			12.1	89	3.4	115.74				B5/B14			
						9.9	108	2.8	140.81				B5/B14			
8.0	101	5.0	174.26	CMG043	B5/B14	8.0	134	2.2	174.26				B5/B14			
6.2	130	3.8	225.47			6.2	173	1.7	225.47				B5/B14			
5.3	151	3.3	262.05			5.3	202	1.5	262.05				B5/B14			
4.3	188	2.7	325.79			4.3	251	1.2	325.79				B5/B14			
3.7	219	2.3	378.64			3.7	291	1.0	378.64				B5/B14			
3.3	246	2.03	427.03			3.3	329	0.9	427.03				B5/B14			
						19.2	56	8.9	72.83	CMG043	B5/B14					
						14.4	75	6.7	97.45				B5/B14			
						12.1	89	5.6	115.74				B5/B14			
						9.9	108	4.6	140.81				B5/B14			
						8.0	134	3.7	174.26				B5/B14			
						6.2	173	2.9	225.47				B5/B14			
						5.3	202	2.5	262.05				B5/B14			
						4.3	251	2.0	325.79				B5/B14			
						3.7	291	1.7	378.64				B5/B14			
						3.3	329	1.5	427.03				B5/B14			
0.12							0.18									
63A4 (1400 min ⁻¹)	279	4	10.1	5.03	CMG002	B5/B14	63B4 (1400 min ⁻¹)	279	6	6.8	5.03	CMG002	B5/B14			
	230	5	8.3	6.10			230	7	5.6	6.10						
187	6	6.8	7.49	187			9	4.5	7.49							
156	7	7.1	8.99	156			11	4.7	8.99							
138	8	6.3	10.16	138			12	4.2	10.16							
116	9	5.3	12.07	116			14	3.5	12.07							
105	11	6.7	13.40	105			16	4.4	13.40							
92.5	12	5.9	15.14	92.5			18	3.9	15.14							
77.1	14	4.9	18.17	77.1			21	3.3	18.17							
64.9	17	4.1	21.58	64.9			25	2.8	21.58							
59.6	18	3.8	23.51	59.6			28	2.5	23.51							
55.8	20	3.5	25.10	55.8			30	2.4	25.10							
51.7	21	3.3	27.08	51.7			32	2.2	27.08							
43.1	26	2.7	32.49	43.1			38	1.8	32.49							
33.3	33	2.1	42.04	33.3			50	1.4	42.04							
31.2	35	2.0	44.89	31.2			53	1.3	44.89							
28.7	38	1.8	48.86	28.7			58	1.2	48.86							
25.4	43	1.6	55.10	25.4			65	1.1	55.10							
59.4	19	6.5	23.56	CMG012			B5/B14	77.1	21	3.3	18.17				B5/B14	
47.4	23	5.2	29.56		64.9	25		2.8	21.58		B5/B14					
39.5	28	4.3	35.47		59.6	28		2.5	23.51		B5/B14					
30.5	36	3.3	45.89		55.8	30		2.4	25.10		B5/B14					
28.6	39	3.1	49.00		51.7	32		2.2	27.08		B5/B14					
26.3	42	2.9	53.33		43.1	38		1.8	32.49		B5/B14					
23.3	47	2.5	60.15		33.3	50		1.4	42.04		B5/B14					
					31.2	53		1.3	44.89		B5/B14					
					28.7	58		1.2	48.86		B5/B14					
					25.4	65		1.1	55.10		B5/B14					
22.1	49	2.5	63.22	CMG013	B5/B14											
18.6	58	2.1	75.08													
15.7	69	1.7	89.17													
12.4	87	1.4	113.05													
10.4	103	1.2	134.27													
8.1	134	0.9	173.72													
6.9	156	0.8	202.16													

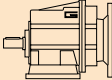

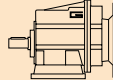

CMG

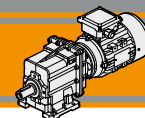
N.B.
Verificare sempre che la coppia M2 utilizzata non ecceda il valore indicato nelle caselle in grigio
N.B.
Please check that the output torque M2 does not exceed the value in the grey areas



Dati tecnici

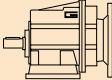

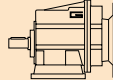

Technical data

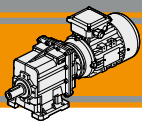
P ₁ [kW]	n ₂ [min ⁻¹]	M ₂ [Nm]	sf	i			P ₁ [kW]	n ₂ [min ⁻¹]	M ₂ [Nm]	sf	i						
0.18							0.25										
63B4 (1400 min ⁻¹)	78.4	21	5.7	17.86	CMG012	B5/B14	71A4 (1400 min ⁻¹)	367	6	9.6	3.82	CMG012	B5/B14				
	73.4	22	5.3	19.07			302	8	7.9	4.63	B5/B14						
	70.6	23	5.1	19.83				246	9	6.4	5.69		B5/B14				
	59.4	28	4.3	23.56				181	13	6.3	7.72		B5/B14				
	47.4	35	3.4	29.56				153	15	5.3	9.17		B5/B14				
	39.5	42	2.9	35.47				143	16	5.0	9.81		B5/B14				
	30.5	54	2.2	45.89				122	19	5.3	11.50		B5/B14				
	28.6	58	2.1	49.00				118	19	5.1	11.90		B5/B14				
	26.3	63	1.9	53.33				101	23	5.3	13.80		B5/B14				
	23.3	71	1.7	60.15				95.7	24	5.0	14.62		B5/B14				
								78.4	29	4.1	17.86		B5/B14				
	22.1	73	1.6	63.22	CMG013	B5/B14		73.4	31	3.8	19.07		B5/B14				
	18.6	87	1.4	75.08						70.6	32	3.7	19.83		B5/B14		
	15.7	103	1.2	89.17						59.4	39	3.1	23.56		B5/B14		
	12.4	130	0.9	113.05				47.4	48	2.5	29.56		B5/B14				
					CMG022	B5/B14		39.5	58	2.1	35.47		B5/B14				
	23.0	72	2.8	60.90						30.5	75	1.6	45.89		B5/B14		
	21.9	74	2.7	64.01	CMG023	B5/B14		28.6	80	1.5	49.00		B5/B14				
	18.4	88	2.3	76.02						26.3	87	1.4	53.33		B5/B14		
	15.5	104	1.9	90.29						23.3	98	1.2	60.15		B5/B14		
	12.2	132	1.5	114.46								CMG013	B5/B14				
	10.3	157	1.3	135.95				22.1	101	1.2	63.22				B5/B14		
	8.0	203	1.0	175.89				18.6	120	1.0	75.08				B5/B14		
	6.8	236	0.8	204.69				15.7	143	0.8	89.17		B5/B14				
					CMG033	B5/B14						CMG022	B5/B14				
	19.2	84	3.6	72.83						383	6			16.7	3.66		B5/B14
	14.4	112	2.7	97.45						316	7			13.8	4.43		B5/B14
	12.1	134	2.2	115.74				257	9	11.2	5.45		B5/B14				
	9.9	163	1.8	140.81				189	12	9.9	7.39		B5/B14				
	8.0	201	1.5	174.26				160	14	8.4	8.78		B5/B14				
	6.2	260	1.2	225.47				141	16	7.4	9.93		B5/B14				
	5.3	302	1.0	262.05				127	18	11.1	11.01		B5/B14				
					CMG043	B5/B14		116	20	10.1	12.05		B5/B14				
	19.2	84	5.9	72.83						106	22	9.2	13.21		B5/B14		
	14.4	112	4.4	97.45						94.6	24	8.3	14.81		B5/B14		
	12.1	134	3.7	115.74				81.9	28	5.7	17.10		B5/B14				
	9.9	163	3.1	140.81				76.7	30	5.4	18.26		B5/B14				
	8.0	201	2.5	174.26				69.7	33	6.1	20.08		B5/B14				
	6.2	260	1.9	225.47				58.7	39	5.1	23.85		B5/B14				
	5.3	302	1.7	262.05				46.8	49	4.1	29.93		B5/B14				
	4.3	376	1.3	325.79				39.0	59	3.4	35.91		B5/B14				
	3.7	437	1.1	378.64				30.1	76	2.6	46.46		B5/B14				
	3.3	493	1.0	427.03				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				
0.25																	
71A4 (1400 min ⁻¹)	279	8	4.9	5.03	CMG002	B5/B14	21.9	103	1.9	64.01	CMG023	B5/B14					
	230	10	4.0	6.10			18.4	122	1.6	76.02			B5/B14				
	187	12	3.3	7.49				15.5	145	1.4	90.29		B5/B14				
	156	15	3.4	8.99				12.2	183	1.1	114.46		B5/B14				
	138	17	3.0	10.16				10.3	218	0.9	135.95		B5/B14				
	116	20	2.5	12.07								CMG032	B5 B5				
	105	22	3.2	13.40				31.7	72	4.1	44.18						
	92.5	25	2.8	15.14				27.3	84	3.6	51.30						
	77.1	30	2.4	18.17								CMG033	B5/B14 B5/B14 B5/B14				
	64.9	35	2.0	21.58				19.2	117	2.6	72.83						
	59.6	38	1.8	23.51				14.4	156	1.9	97.45						
	55.8	41	1.7	25.10				12.1	186	1.6	115.74		B5/B14				
	51.7	44	1.6	27.08				9.9	226	1.3	140.81		B5/B14				
	43.1	53	1.3	32.49				8.0	279	1.1	174.26		B5/B14				
	33.3	69	1.0	42.04				6.2	361	0.8	225.47		B5/B14				
	31.2	73	1.0	44.89													
	28.7	80	0.9	48.86													
	25.4	90	0.8	55.10													



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															
	3.7	607	0.8	378.64															
							21.9	152	1.3	64.01	CMG023	B5/B14							
							18.4	180	1.1	76.02				B5/B14					
							15.5	214	0.9	90.29				B5/B14					
0.37							0.55												
71B4 (1400 min ⁻¹)	279	12	3.3	5.03	CMG002	B5/B14	374	9	16.5	3.74	CMG032	B5							
	230	15	2.7	6.10				311	11	13.7			4.50		B5				
	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				
	64.9	52	1.3	21.58				91.5	37	7.6			15.30		B5				
	59.6	57	1.2	23.51				76.9	44	6.3			18.21		B5				
	55.8	61	1.2	25.10				72.8	47	6.0			19.24		B5				
	51.7	66	1.1	27.08				66.2	51	5.5			21.15		B5				
	43.1	79	0.9	32.49				56.0	61	5.0			24.99		B5				
							CMG012	B5/B14	45.8	74			4.0	30.57		B5			
	367	9	6.5	3.82						40.9			83	3.6	34.20		B5		
	302	11	5.3	4.63						36.2			94	3.2	38.63		B5		
	246	14	4.4	5.69		31.7			107	2.8	44.18		B5						
	181	19	4.3	7.72		27.3			124	2.4	51.30		B5						
	153	22	3.6	9.17		23.0			147	2.0	60.80		B5						
	143	24	3.4	9.81															
	122	28	3.6	11.50		19.2			173	1.7	72.83	CMG033	B5/B14						
	118	29	3.5	11.90		14.4			231	1.3	97.45				B5/B14				
	101	33	3.6	13.80		12.1			275	1.1	115.74				B5/B14				
	95.7	35	3.4	14.62		9.9			334	0.9	140.81		B5/B14						
	78.4	43	2.8	17.86								CMG043	B5/B14						
	73.4	46	2.6	19.07		19.2			173	2.9	72.83				B5/B14				
	70.6	48	2.5	19.83		14.4			231	2.2	97.45				B5/B14				
	59.4	57	2.1	23.56		12.1			275	1.8	115.74				B5/B14				
	47.4	72	1.7	29.56		9.9			334	1.5	140.81				B5/B14				
	39.5	86	1.4	35.47		8.0			413	1.2	174.26				B5/B14				
	30.5	111	1.1	45.89		6.2	535	0.9	225.47		B5/B14								
	28.6	119	1.0	49.00															
	26.3	129	0.9	53.33															
	23.3	146	0.8	60.15															
					CMG013	B5/B14	80A4 (1400 min ⁻¹)	279	18	2.2	5.03			CMG002	B5/B14				
	22.1	150	0.8	63.22				230	22	1.8	6.10						B5/B14		
							CMG022	B5/B14	187	27	1.5					7.49		B5/B14	
	383	9	11.3	3.66						156	32					1.5	8.99		B5/B14
	316	11	9.3	4.43						138	37					1.4	10.16		B5/B14
	257	13	7.6	5.45						116	43					1.2	12.07		B5/B14
	189	18	6.7	7.39						105	48					1.5	13.40		B5/B14
	160	21	5.6	8.78						92.5	55	1.3	15.14				B5/B14		
	141	24	5.0	9.93						77.1	65	1.1	18.17				B5/B14		
	127	27	7.5	11.01						64.9	78	0.9	21.58				B5/B14		
	116	29	6.8	12.05						59.6	85	0.8	23.51				B5/B14		
	106	32	6.2	13.21						23.0	219	0.9	60.90				B5/B14		
	94.6	36	5.6	14.81															
	81.9	41	3.9	17.10															
	76.7	44	3.6	18.26															
	69.7	49	4.1	20.08															

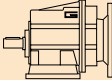

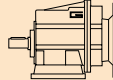



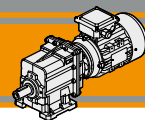
CMG

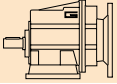

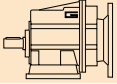

Motoriduttori ad ingranaggi cilindrici
Helical in-line gearmotors

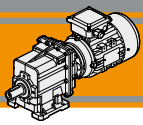
Dati tecnici

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										
0.55							0.55														
80A4 (1400 min ⁻¹)	367	14	4.4	3.82	CMG012	B5/B14	80A4 (1400 min ⁻¹)	19.2	257	1.2	72.83	CMG033	B5/B14								
	302	17	3.6	4.63			14.4	344	0.9	97.45											
	246	20	2.9	5.69			23.0	219	2.2	60.80	CMG042			B5/B14							
	181	28	2.9	7.72			19.2	257	1.9	72.83											
	153	33	2.4	9.17			14.4	344	1.5	97.45					CMG043	B5/B14					
	143	35	2.3	9.81			12.1	408	1.2	115.74											
	122	41	2.4	11.50			9.9	497	1.0	140.81											
	118	43	2.3	11.90			9.9	497	1.0	140.81											
	101	50	2.4	13.80			8.0	615	0.8	174.26											
	95.7	53	2.3	14.62																	
	78.4	64	1.9	17.86																	
	73.4	69	1.7	19.07																	
	70.6	71	1.7	19.83																	
	59.4	85	1.4	23.56																	
	47.4	106	1.1	29.56																	
	39.5	128	0.9	35.47																	
	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					230	30							1.3	6.10			
	257	20	5.1	5.45					187	37							1.1	7.49			
	189	27	4.5	7.39					156	44							1.1	8.99			
	160	32	3.8	8.78	138	50			1.0	10.16											
	141	36	3.4	9.93	116	59			0.8	12.07											
	127	40	5.0	11.01	105	66			1.1	13.40											
	116	43	4.6	12.05	92.5	74			0.9	15.14											
	106	48	4.2	13.21	77.1	89			0.8	18.17											
	94.6	53	3.8	14.81	367	19			3.2	3.82	CMG012	B5/B14									
	81.9	62	2.6	17.10	302	23			2.6	4.63											
	76.7	66	2.4	18.26	246	28			2.1	5.69											
	69.7	72	2.8	20.08	181	38			2.1	7.72											
	58.7	86	2.3	23.85	153	45			1.8	9.17											
	46.8	108	1.9	29.93	143	48			1.7	9.81											
	39.0	129	1.5	35.91	122	56			1.8	11.50											
	30.1	167	1.2	46.46	118	58			1.7	11.90											
	28.2	179	1.1	49.61	101	68			1.8	13.80											
	25.9	194	1.0	54.00	95.7	72			1.7	14.62											
	23.0	219	0.9	60.90	78.4	88			1.4	17.86											
	21.9	226	0.9	64.01	73.4	94	1.3	19.07													
	374	13	11.1	3.74	70.6	97	1.2	19.83													
	311	16	9.2	4.50	59.4	116	1.0	23.56													
	255	20	7.6	5.48	383	18	5.6	3.66	CMG022	B5/B14											
	222	23	7.9	6.31	316	22	4.6	4.43													
	177	29	6.3	7.93	257	27	3.7	5.45													
	154	33	5.5	9.08	189	36	3.3	7.39													
	128	39	4.6	10.93	160	43	2.8	8.78													
	111	45	5.5	12.60	141	49	2.5	9.93													
	105	48	5.2	13.30	127	54	3.7	11.01													
	91.5	55	5.1	15.30	116	59	3.4	12.05													
	76.9	66	4.3	18.21	106	65	3.1	13.21													
	72.8	69	4.0	19.24	94.6	73	2.8	14.81													
	66.2	76	3.7	21.15	81.9	84	1.9	17.10													
	56.0	90	3.3	24.99	76.7	90	1.8	18.26													
	45.8	110	2.7	30.57	69.7	99	2.0	20.08													
	40.9	123	2.4	34.20	58.7	117	1.7	23.85													
	36.2	139	2.2	38.63	46.8	147	1.4	29.93													
	31.7	159	1.9	44.18	39.0	176	1.1	35.91													
	27.3	185	1.6	51.30	30.1	228	0.9	46.46			CMG022	B5/B14									
	23.0	219	1.4	60.80	28.2	244	0.8	49.61													
					25.9	265	0.8	54.00													

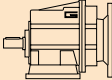

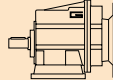


Dati tecnici
Technical data

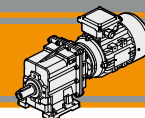
P_1 [kW]	n_2 [min ⁻¹]	M_2 [Nm]	sf	i			P_1 [kW]	n_2 [min ⁻¹]	M_2 [Nm]	sf	i				
0.75							1.1								
80B4 (1400 min ⁻¹)	374	18	8.2	3.74	CMG032	B5/B14	90S4 (1400 min ⁻¹)	383	26	3.8	3.66	CMG022	B5/B14		
	311	22	6.8	4.50		B5/B14		316	32	3.1	4.43		B5/B14		
	255	27	5.6	5.48		B5/B14		257	39	2.5	5.45		B5/B14		
	222	31	5.8	6.31		B5/B14		189	53	2.3	7.39		B5/B14		
	177	39	4.6	7.93		B5/B14		160	63	1.9	8.78		B5/B14		
	154	45	4.0	9.08		B5/B14		141	72	1.7	9.93		B5/B14		
	128	54	3.4	10.93		B5/B14		127	79	2.5	11.01		B5/B14		
	111	62	4.0	12.60		B5/B14		116	87	2.3	12.05		B5/B14		
	105	65	3.8	13.30		B5/B14		106	95	2.1	13.21		B5/B14		
	91.5	75	3.7	15.30		B5/B14		94.6	107	1.9	14.81		B5/B14		
	76.9	89	3.1	18.21		B5/B14		81.9	123	1.3	17.10		B5/B14		
	72.8	94	3.0	19.24		B5/B14		76.7	132	1.2	18.26		B5/B14		
	66.2	104	2.7	21.15		B5/B14		69.7	145	1.4	20.08		B5/B14		
	56.0	123	2.4	24.99		B5/B14		58.7	172	1.2	23.85		B5/B14		
	45.8	150	2.0	30.57		B5/B14		46.8	216	0.9	29.93		B5/B14		
	40.9	168	1.8	34.20		B5/B14		39.0	259	0.8	35.91		B5/B14		
	36.2	190	1.6	38.63		B5/B14									
	31.7	217	1.4	44.18		B5/B14		374	27	5.6	3.74		CMG032	B5/B14	
	27.3	252	1.2	51.30		B5/B14		311	32	4.6	4.50			B5/B14	
	23.0	299	1.0	60.80		B5/B14		255	39	3.8	5.48			B5/B14	
								222	45	4.0	6.31			B5/B14	
	374	18	12.5	3.74		CMG042		B5/B14	177	57	3.2			7.93	B5/B14
	311	22	10.4	4.50				B5/B14	154	65	2.8			9.08	B5/B14
	255	27	8.5	5.48	B5/B14			128	79	2.3	10.93	B5/B14			
	222	31	8.4	6.31	B5/B14			111	91	2.8	12.60	B5/B14			
	177	39	6.7	7.93	B5/B14			105	96	2.6	13.30	B5/B14			
	154	45	6.3	9.08	B5/B14			91.5	110	2.5	15.30	B5/B14			
	128	54	5.2	10.93	B5/B14			76.9	131	2.1	18.21	B5/B14			
	111	62	5.7	12.60	B5/B14			72.8	139	2.0	19.24	B5/B14			
	105	65	5.4	13.30	B5/B14			66.2	152	1.8	21.15	B5/B14			
	91.5	75	5.6	15.30	B5/B14			56.0	180	1.7	24.99	B5/B14			
	76.9	89	4.7	18.21	B5/B14	45.8		220	1.4	30.57	B5/B14				
	72.8	94	4.4	19.24	B5/B14	40.9		246	1.2	34.20	B5/B14				
	56.0	123	4.1	24.99	B5/B14	36.2		278	1.1	38.63	B5/B14				
	45.8	150	3.3	30.57	B5/B14	31.7		318	0.9	44.18	B5/B14				
	40.9	168	3.0	34.20	B5/B14										
	36.2	190	2.6	38.63	B5/B14	374		27	8.5	3.74	CMG042	B5/B14			
	31.7	217	2.3	44.18	B5/B14	311		32	7.1	4.50		B5/B14			
	27.3	252	2.0	51.30	B5/B14	255		39	5.8	5.48		B5/B14			
	23.0	299	1.6	60.80	B5/B14	222		45	5.7	6.31		B5/B14			
						177		57	4.6	7.93		B5/B14			
	19.2	350	1.4	72.83	CMG043	B5/B14		154	65	4.3		9.08	B5/B14		
	14.4	469	1.1	97.45		B5/B14		128	79	3.6		10.93	B5/B14		
	12.1	557	0.9	115.74		B5/B14		111	91	3.9		12.60	B5/B14		
					105	96	3.7	13.30	B5/B14						
					91.5	110	3.8	15.30	B5/B14						
					76.9	131	3.2	18.21	B5/B14						
					72.8	139	3.0	19.24	B5/B14						
					56.0	180	2.8	24.99	B5/B14						
					45.8	220	2.3	30.57	B5/B14						
					40.8	247	2.0	34.30	B5/B14						
					36.2	278	1.8	38.63	B5/B14						
					31.7	318	1.6	44.18	B5/B14						
					27.3	370	1.4	51.30	B5/B14						
					23.0	438	1.1	60.80	B5/B14						
					19.2	514	1.0	72.83	CMG043	B5/B14					
1.1															
90S4 (1400 min ⁻¹)	367	28	2.2	3.82	CMG012	B5/B14									
	302	33	1.8	4.63		B5/B14									
	246	41	1.5	5.69		B5/B14									
	181	56	1.4	7.72		B5/B14									
	153	66	1.2	9.17		B5/B14									
	143	71	1.1	9.81		B5/B14									
	122	83	1.2	11.50		B5/B14									
	118	86	1.2	11.90		B5/B14									
	101	99	1.2	13.80		B5/B14									
	95.7	105	1.1	14.62		B5/B14									
	78	129	0.9	17.86		B5/B14									
	73	137	0.9	19.07		B5/B14									
	70.6	143	0.8	19.83		B5/B14									



Dati tecnici

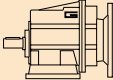

Technical data

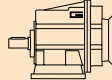

P_1 [kW]	n_2 [min ⁻¹]	M_2 [Nm]	sf	i			P_1 [kW]	n_2 [min ⁻¹]	M_2 [Nm]	sf	i								
1.5							1.85												
90L4 (1400 min ⁻¹)	367	38	1.6	3.82	CMG012	B5/B14	90LB4 (1400 min ⁻¹)	367	46	1.3	3.82	CMG012	B5/B14						
	302	45	1.3	4.63			B5/B14	302	56	1.1	4.63			B5/B14					
	246	56	1.1	5.69			B5/B14	383	44	2.3	3.66			CMG022	B5/B14				
	181	76	1.1	7.72			B5/B14	316	54	1.9	4.43					B5/B14			
	153	90	0.9	9.17			B5/B14	257	66	1.5	5.45					B5/B14			
	383	36	2.8	3.66	CMG022	B5/B14	189	90	1.3	7.39	B5/B14								
	316	44	2.3	4.43			B5/B14	160	106	1.1	8.78	B5/B14							
	257	54	1.9	5.45			B5/B14	141	120	1.0	9.93	B5/B14							
	189	73	1.7	7.39			B5/B14	127	133	1.5	11.01	B5/B14							
	160	86	1.4	8.78			B5/B14	116	146	1.4	12.05	B5/B14							
	141	98	1.2	9.93			B5/B14	CMG022	106	160	1.2	13.21	CMG022	B5/B14					
	127	108	1.8	11.01			B5/B14												
	116	118	1.7	12.05			B5/B14												
	106	130	1.5	13.21			B5/B14												
	94.6	145	1.4	14.81			B5/B14												
	81.9	168	1.0	17.10	B5/B14	CMG032	374	45	3.3	3.74	CMG032	B5/B14							
	76.7	179	0.9	18.26	B5/B14														
	69.7	197	1.0	20.08	B5/B14														
	58.7	234	0.9	23.85	B5/B14														
	374	37	4.1	3.74	CMG032								B5/B14	311	55	2.7	4.50	B5/B14	
	311	44	3.4	4.50										B5/B14	255	66	2.3	5.48	B5/B14
	255	54	2.8	5.48										B5/B14	222	76	2.4	6.31	B5/B14
	222	62	2.9	6.31										B5/B14	177	96	1.9	7.93	B5/B14
	177	78	2.3	7.93										B5/B14	154	110	1.6	9.08	B5/B14
	154	89	2.0	9.08										B5/B14	128	132	1.4	10.93	B5/B14
	128	107	1.7	10.93		B5/B14	111	153	1.6	12.60	B5/B14								
	111	124	2.0	12.60		B5/B14	105	161	1.6	13.30	B5/B14								
	105	131	1.9	13.30		B5/B14	91.5	185	1.5	15.30	B5/B14								
	91.5	150	1.9	15.30		B5/B14	76.9	221	1.3	18.21	B5/B14								
	76.9	179	1.6	18.21	B5/B14	72.8	233	1.2	19.24	B5/B14									
	72.8	189	1.5	19.24	B5/B14	66.2	256	1.1	21.15	B5/B14									
	66.2	208	1.3	21.15	B5/B14	56.0	303	1.0	24.99	B5/B14									
	56.0	245	1.2	24.99	B5/B14	45.8	370	0.8	30.57	B5/B14									
	45.8	300	1.0	30.57	B5/B14	CMG042	374	45	5.1	3.74	CMG042	B5/B14							
	40.9	336	0.9	34.20	B5/B14														
	36.2	379	0.8	38.63	B5/B14														
	374	37	6.3	3.74	CMG042								B5/B14	311	55	4.2	4.50	B5/B14	
	311	44	5.2	4.50										B5/B14	255	66	3.5	5.48	B5/B14
	255	54	4.3	5.48										B5/B14	222	76	3.4	6.31	B5/B14
	222	62	4.2	6.31										B5/B14	177	96	2.7	7.93	B5/B14
	177	78	3.3	7.93										B5/B14	154	110	2.5	9.08	B5/B14
	154	89	3.1	9.08										B5/B14	128	132	2.1	10.93	B5/B14
	128	107	2.6	10.93										B5/B14	111	153	2.3	12.60	B5/B14
	111	124	2.8	12.60		B5/B14	105	161	2.2	13.30	B5/B14								
	105	131	2.7	13.30		B5/B14	91.5	185	2.3	15.30	B5/B14								
	91.5	150	2.8	15.30		B5/B14	76.9	221	1.9	18.21	B5/B14								
	76.9	179	2.3	18.21	B5/B14	72.8	233	1.8	19.24	B5/B14									
	72.8	189	2.2	19.24	B5/B14	56.0	303	1.7	24.99	B5/B14									
	56.0	245	2.0	24.99	B5/B14	45.8	370	1.3	30.57	B5/B14									
	45.8	300	1.7	30.57	B5/B14	40.9	414	1.2	34.20	B5/B14									
	40.9	336	1.5	34.20	B5/B14	36.2	468	1.1	38.63	B5/B14									
	36.2	379	1.3	38.63	B5/B14	31.7	535	0.9	44.18	B5/B14									
	31.7	434	1.2	44.18	B5/B14	27.3	621	0.8	51.30	B5/B14									
	27.3	504	1.0	51.30	B5/B14														

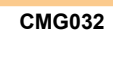



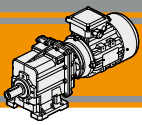
Dati tecnici

Technical data

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
	311	65	2.3	4.50		B5/B14
	255	79	1.9	5.48		B5/B14
	222	91	2.0	6.31		B5/B14
	177	114	1.6	7.93		B5/B14
	154	131	1.4	9.08		B5/B14
	128	157	1.1	10.93		B5/B14
	111	182	1.4	12.60		B5/B14
	105	192	1.3	13.30		B5/B14
	91.5	220	1.3	15.30		B5/B14
	76.9	262	1.1	18.21	B5/B14	
	72.8	277	1.0	19.24	B5/B14	
	66.2	305	0.9	21.15	B5/B14	
	56.0	360	0.8	24.99	B5/B14	
	374	54	4.3	3.74	CMG042	B5/B14
	311	65	3.5	4.50		B5/B14
	255	79	2.9	5.48		B5/B14
	222	91	2.9	6.31		B5/B14
	177	114	2.3	7.93		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	CMG042	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	

P ₁ [kW]	n ₂ [min ⁻¹]	M ₂ [Nm]	sf	i			
4							
112M4 (1400 min ⁻¹)	374	98	1.5	3.74	CMG032	B5/B14	
	311	118	1.3	4.50		B5/B14	
	255	144	1.0	5.48		B5/B14	
	222	165	1.1	6.31		B5/B14	
	177	208	0.9	7.93		B5/B14	
	374	98	2.3	3.74		CMG042	B5/B14
	311	118	1.9	4.50			B5/B14
	255	144	1.6	5.48			B5/B14
	222	165	1.6	6.31			B5/B14
	177	208	1.3	7.93			B5/B14
	154	238	1.2	9.08	B5/B14		
	128	286	1.0	10.93	B5/B14		
	111	330	1.1	12.60	B5/B14		
	105	348	1.0	13.30	B5/B14		
	91.5	401	1.0	15.30	B5/B14		
	76.9	477	0.9	18.21	B5/B14		
	72.8	504	0.8	19.24	B5/B14		
	56.0	655	0.8	24.99	B5/B14		

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



CMG

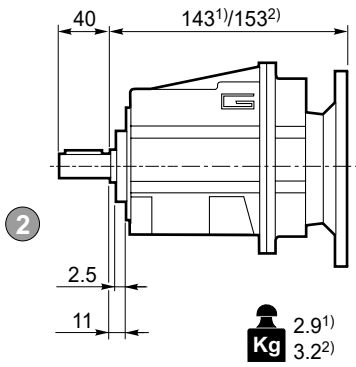
Motoriduttori ad ingranaggi cilindrici
Helical in-line gearmotors

Dimensioni

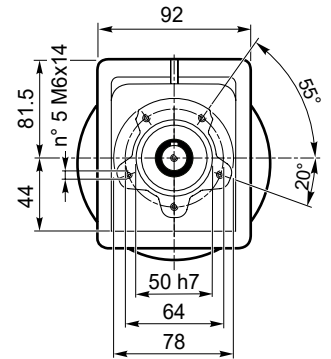
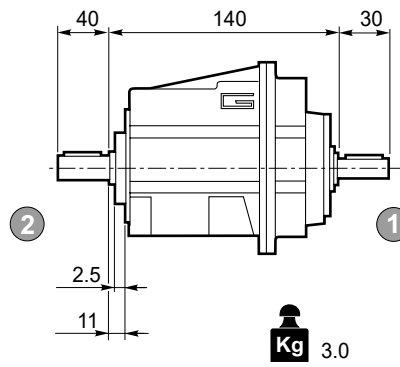
Dimensions

CMG 002 U

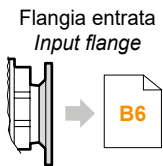
CMG 002 U



CMGIS 002 U

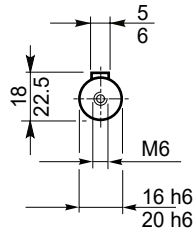


¹)IEC 63/71, ²)IEC 80



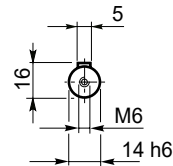
Albero uscita
Output shaft

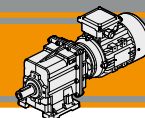
2



Albero entrata
Input shaft

1



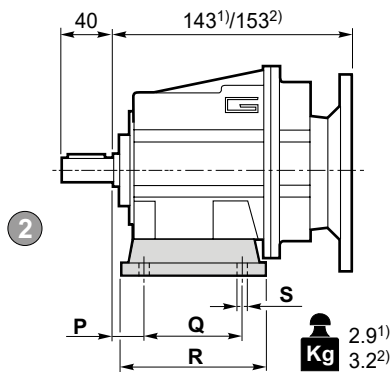


Dimensioni

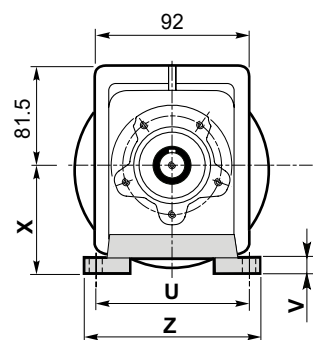
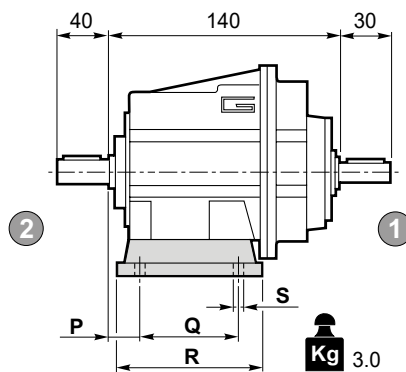
Dimensions

CMG 002 H..

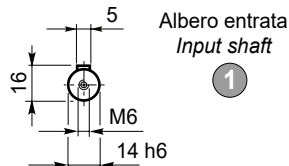
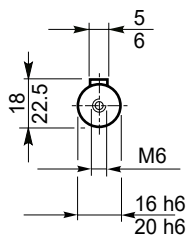
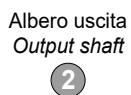
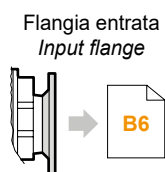
CMG 002 H..



CMGIS 002 H..

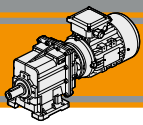


¹⁾IEC 63/71, ²⁾IEC 80



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



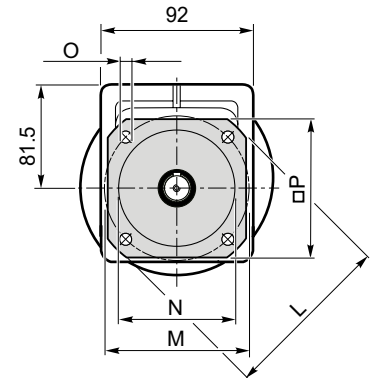
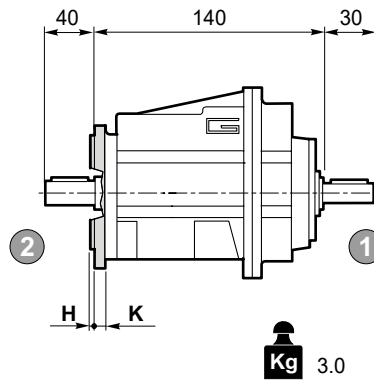
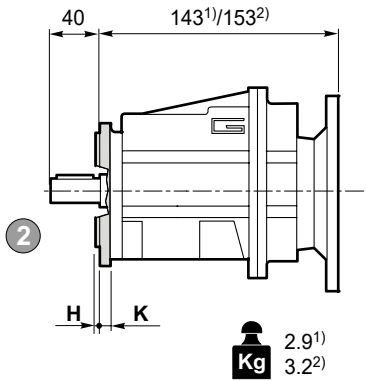
Dimensioni

Dimensions

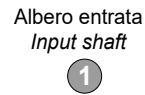
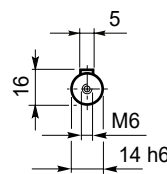
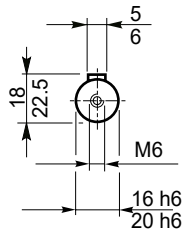
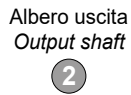
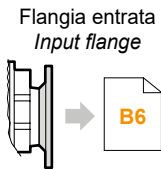
CMG 002 F..

CMG 002 F..

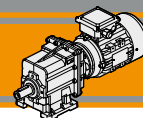
CMGIS 002 F..



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



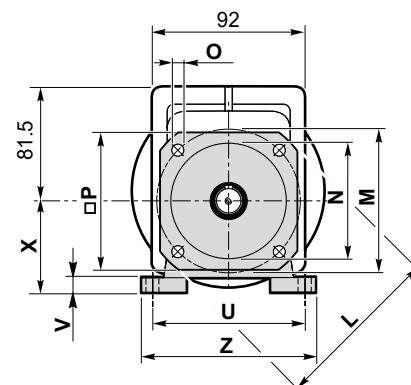
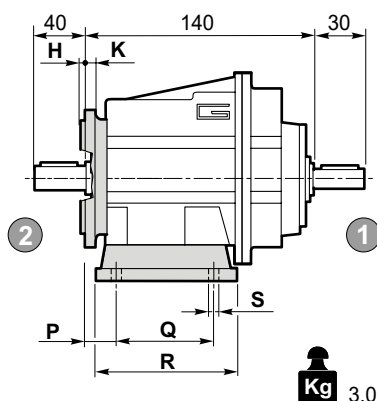
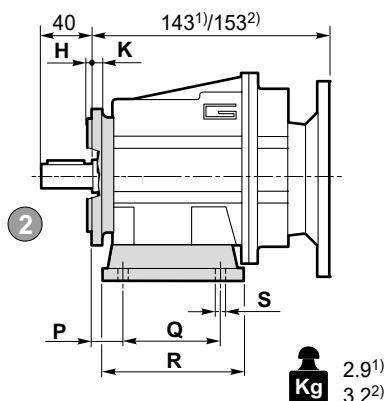
Dimensioni

Dimensions

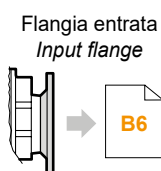
CMG 002 H../F..

CMG 002 H../F..

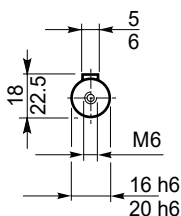
CMGIS 002 H../F..



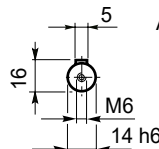
¹)IEC 63/71, ²)IEC 80



Albero uscita
Output shaft



Albero entrata
Input shaft



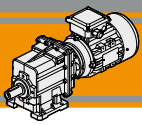
Versione H / H Version										Combinazioni possibili H/F Possible combinations H/F			
CMG CMGIS	P	Q	R	S	U	V	X	Z	Piede / Foot		F105	F120	F140
									Tipo Type	Peso / Weight [kg]			
002	18	60	80	9	100	10	60	120	H60	0.2	•	•	•
	18	80	104	9	110 - 120	10	75	145	H75	0.3	•	•	•
	18	50 - 87	110	9	110	10	85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

■ Preferenziale / Preferred

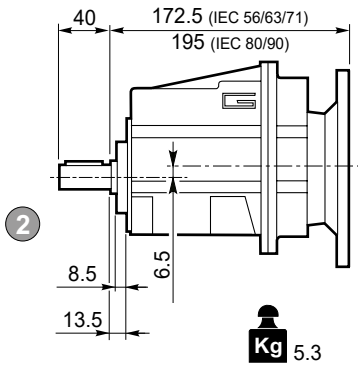
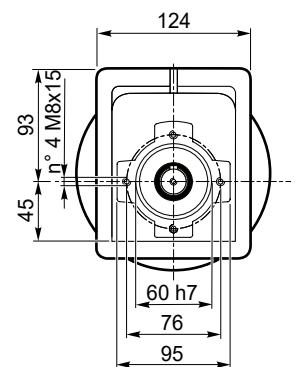
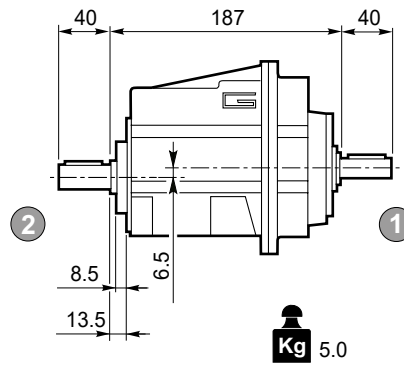
• Combinazioni possibili H/F / Possible combinations H/F

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

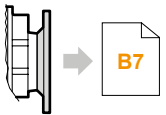


**CMG**

Motoriduttori ad ingranaggi cilindrici
Helical in-line gearmotors

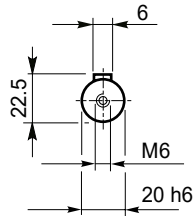
Dimensioni**Dimensions****CMG 012 U - CMG 013 U****CMG 012 U****CMGIS 012 U**

Flangia entrata
Input flange



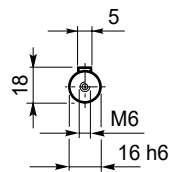
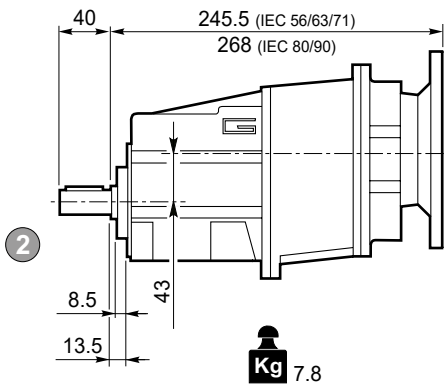
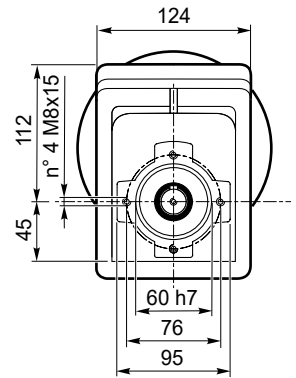
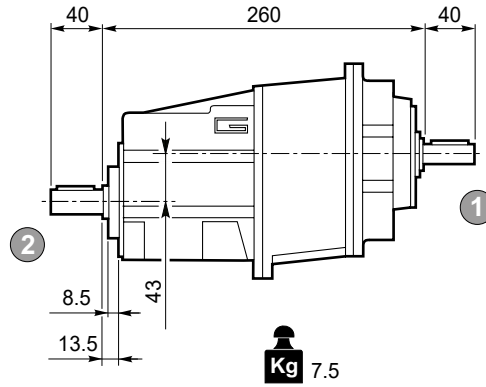
Albero uscita
Output shaft

2

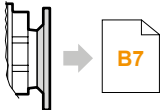


Albero entrata
Input shaft

1

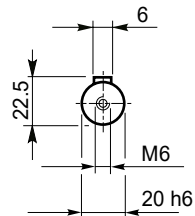
**CMG 013 U****CMGIS 013 U**

Flangia entrata
Input flange



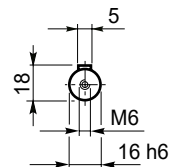
Albero uscita
Output shaft

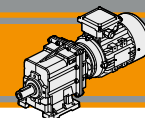
2



Albero entrata
Input shaft

1



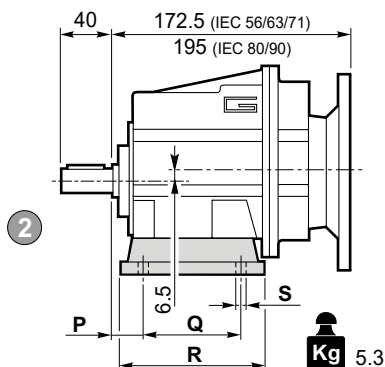


Dimensioni

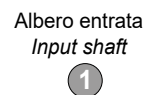
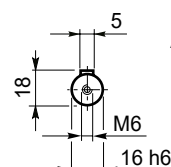
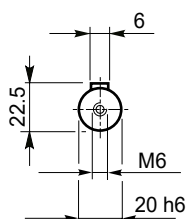
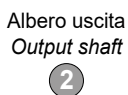
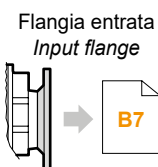
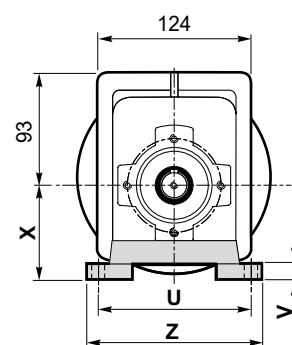
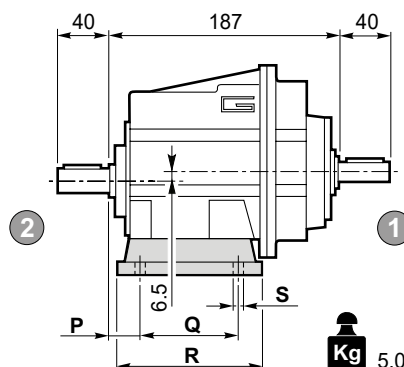
Dimensions

CMG 012 H.. - CMG 013 H..

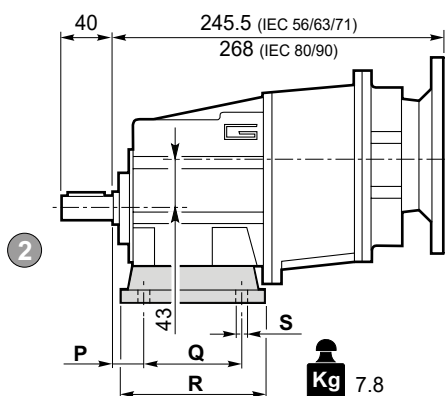
CMG 012 H..



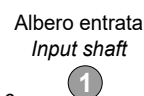
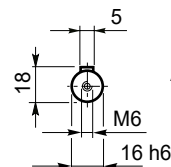
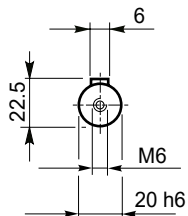
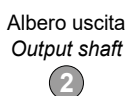
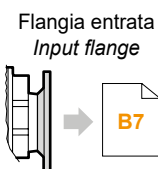
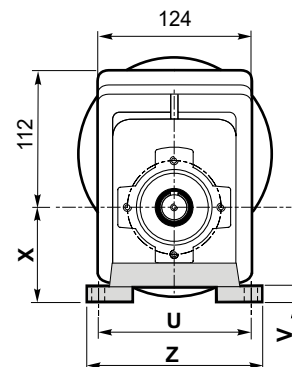
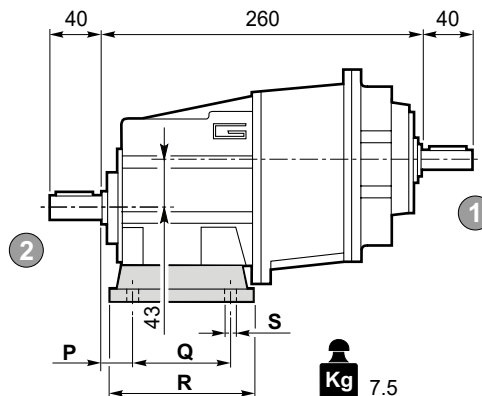
CMGIS 012 H..



CMG 013 H..



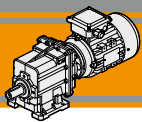
CMGIS 013 H..



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

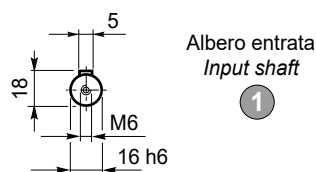
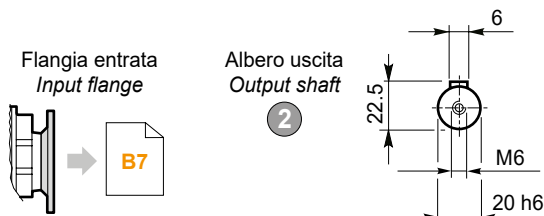
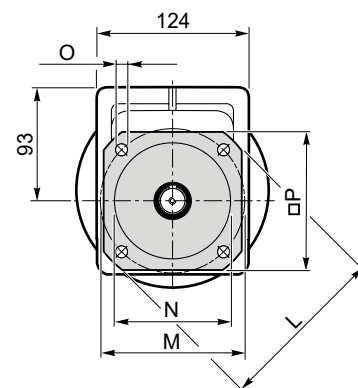
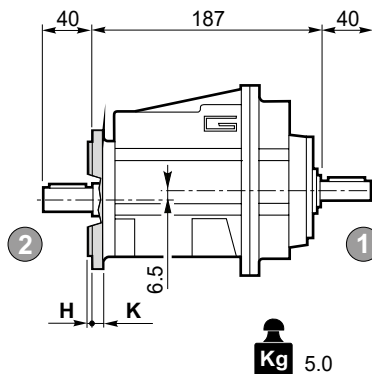
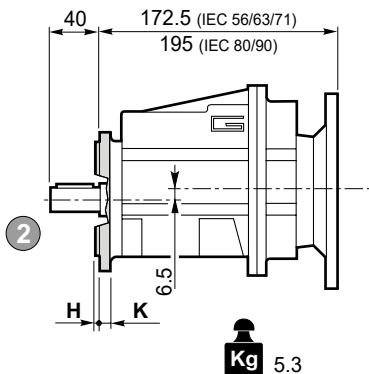
Dimensioni

Dimensions

CMG 012 F.. - CMG 013 F..

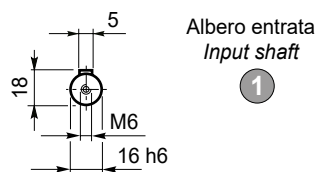
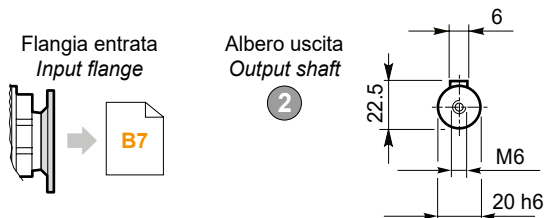
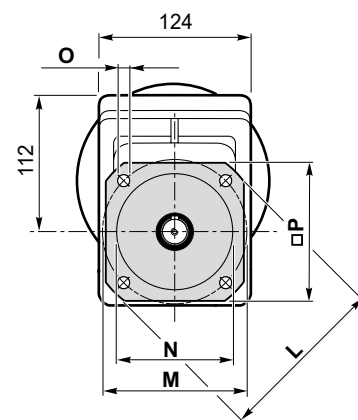
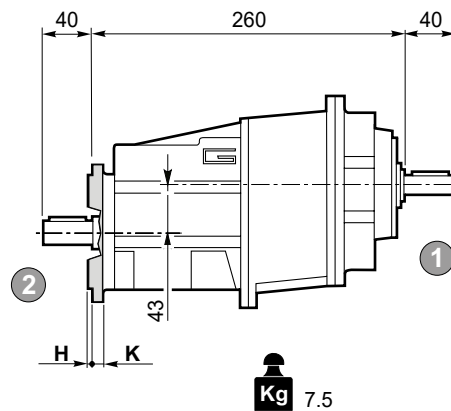
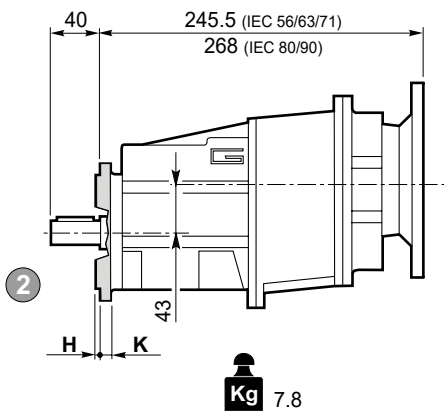
CMG 012 F..

CMGIS 012 F..

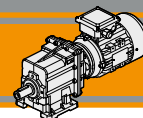


CMG 013 F..

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



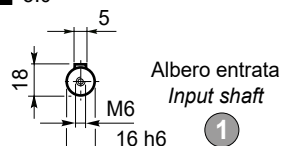
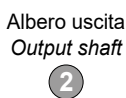
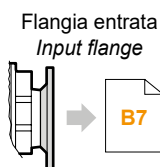
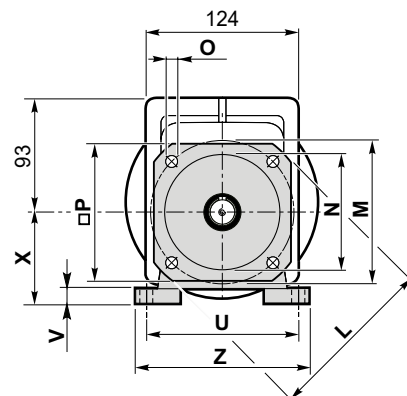
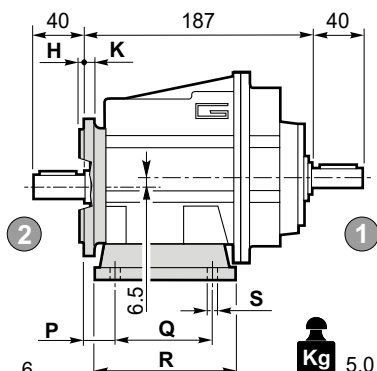
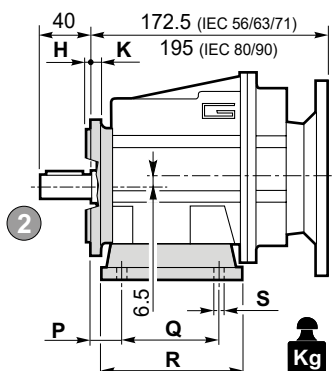
Dimensioni

Dimensions

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

CMG 012 H../F..

CMGIS 012 H../F..

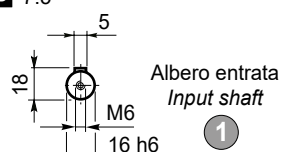
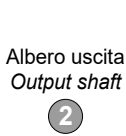
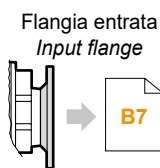
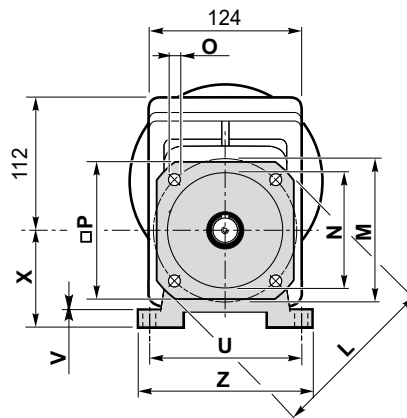
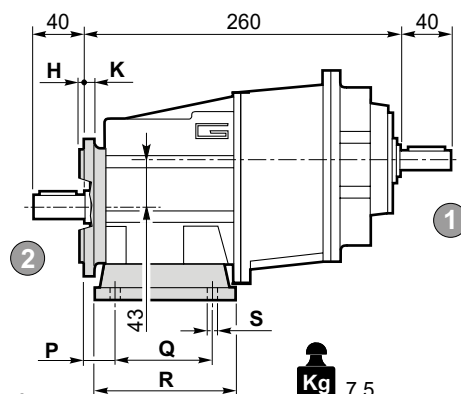
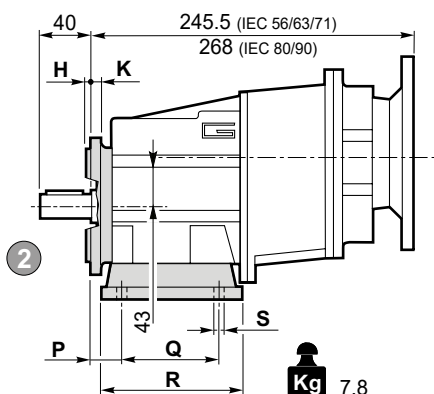


Kg 5.3

Kg 5.0

CMG 013 H../F..

CMGIS 013 H../F..



Kg 7.8

Kg 7.5

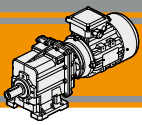
CMG CMGIS	Versione H / H Version								Piede / Foot		Combinazioni possibili H/F Possible combinations H/F			
	P	Q	R	S	U	V	X	Z	Tipo Type	Peso / Weight [kg]	F120	F140	F160	F200
	012 013	20	85	108	9	115	12	65	139	H65	0.7	•	•	•
18		80	118	9	110	12	75	140	H75	1.0	•	•	•	•
25		85	120	9	120	12	80	140	H80	1.1	•	•	•	•
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

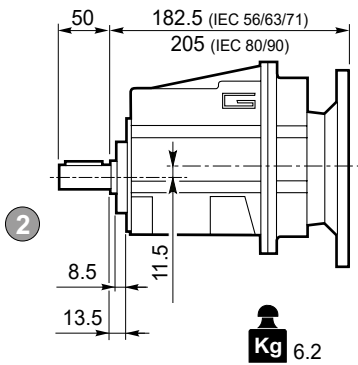
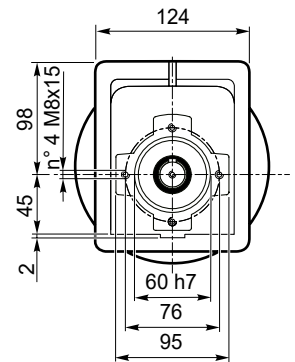
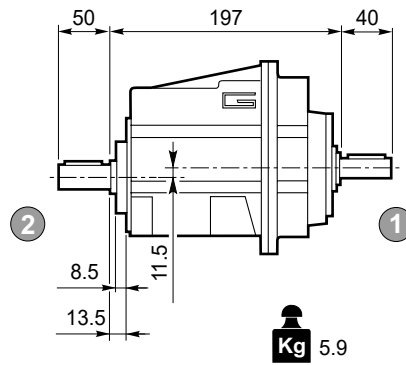
• Combinazioni possibili H/F / Possible combinations H/F

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
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

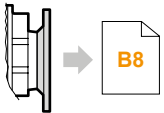


**CMG**

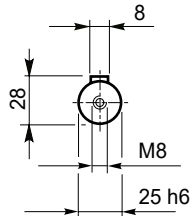
Motoriduttori ad ingranaggi cilindrici
Helical in-line gearmotors

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

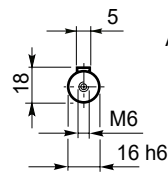
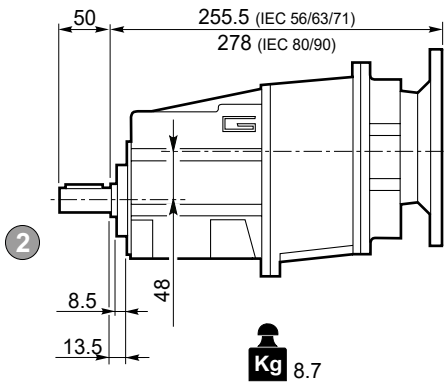
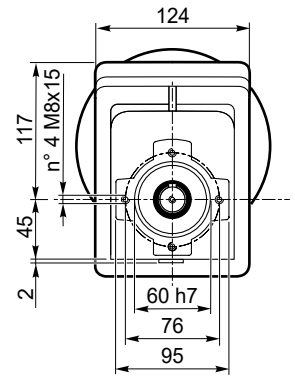
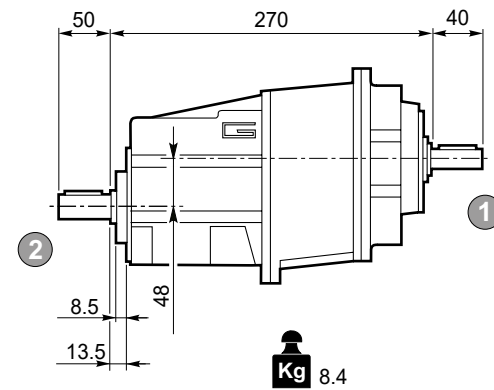
Flangia entrata
Input flange



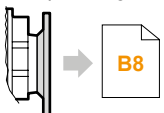
Albero uscita
Output shaft



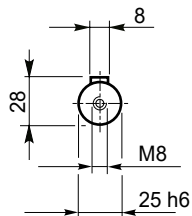
Albero entrata
Input shaft

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

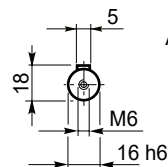
Flangia entrata
Input flange

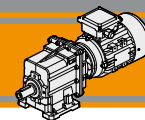


Albero uscita
Output shaft



Albero entrata
Input shaft



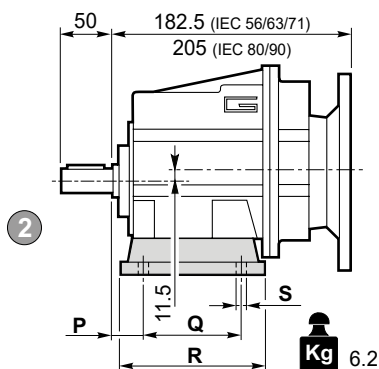


Dimensioni

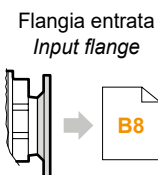
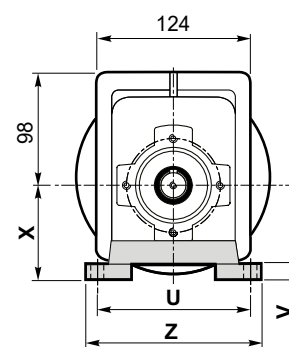
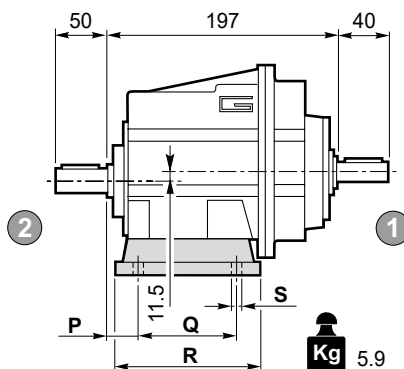
Dimensions

CMG 022 H.. - CMG 023 H..

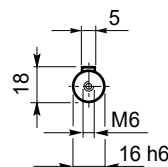
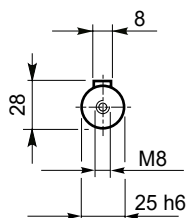
CMG 022 H..



CMGIS 022 H..

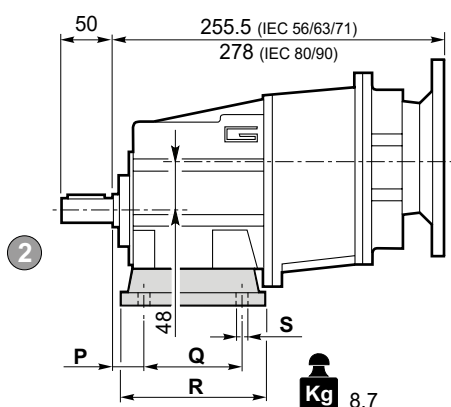


Albero uscita
Output shaft
2

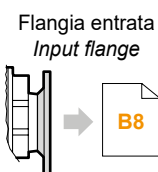
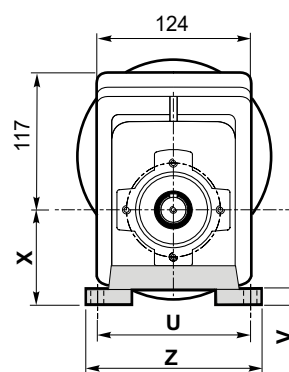
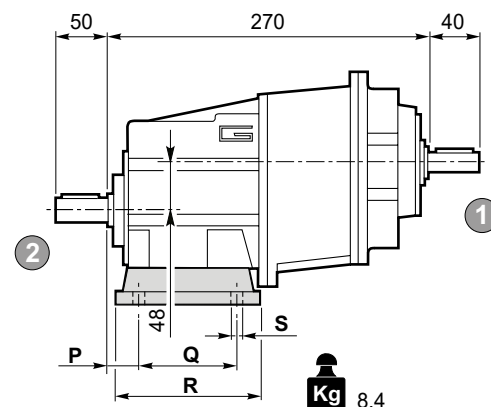


Albero entrata
Input shaft
1

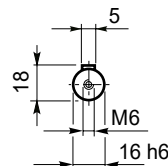
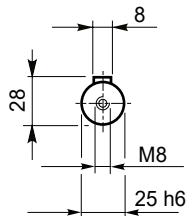
CMG 023 H..



CMGIS 023 H..



Albero uscita
Output shaft
2

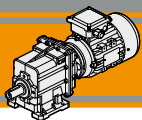


Albero entrata
Input shaft
1

Versione H / H Version

CMG CMGIS	P	Q	R	S	U	V	X	Z	Piede / Foot	
									Tipo / Type	Peso / Weight [kg]
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

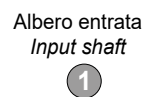
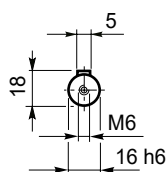
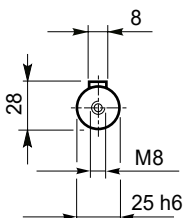
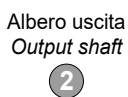
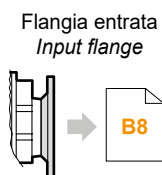
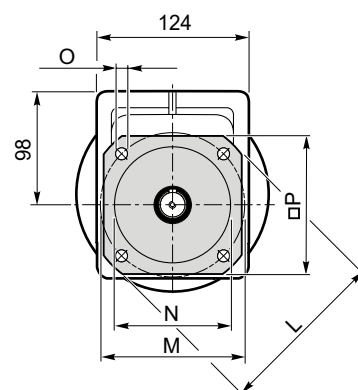
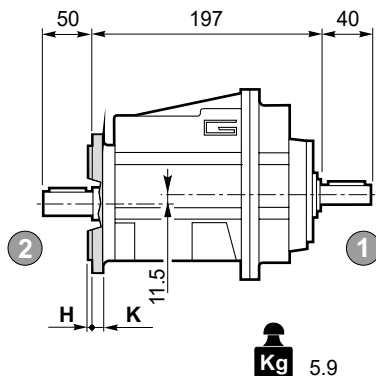
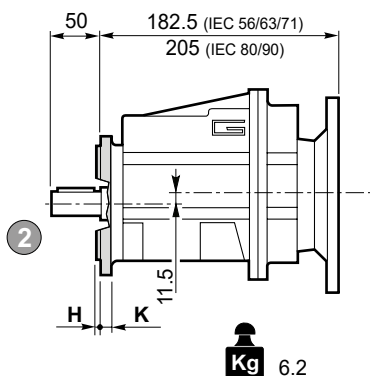
Preferenziale / Preferred



CMG 022 F.. - CMG 023 F..

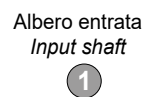
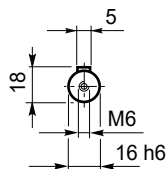
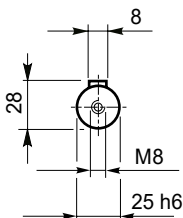
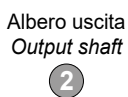
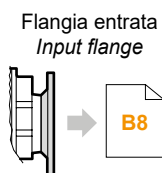
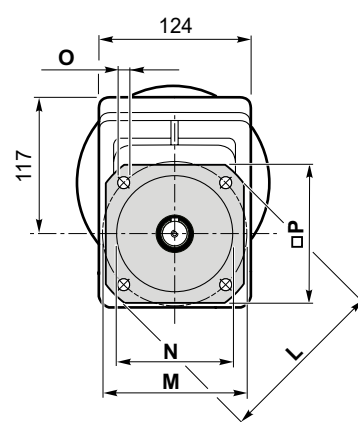
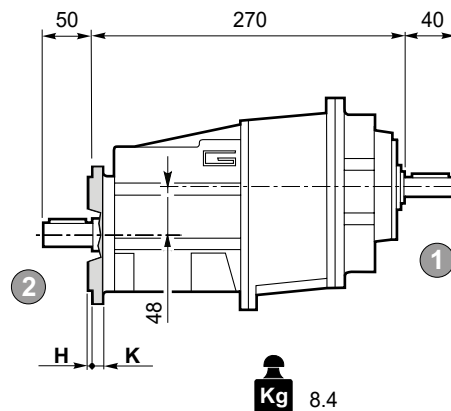
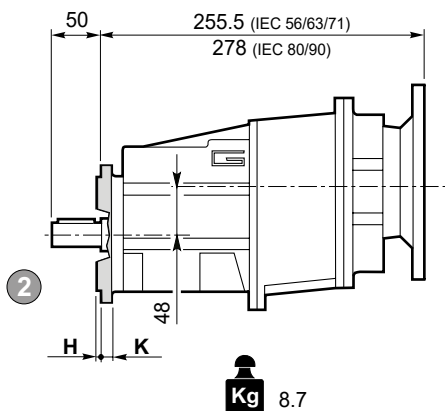
CMG 022 F..

CMGIS 022 F..



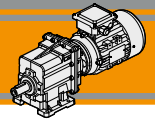
CMG 023 F..

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



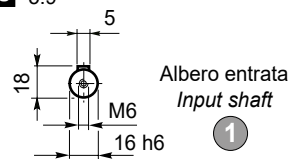
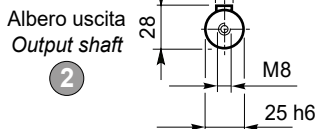
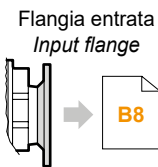
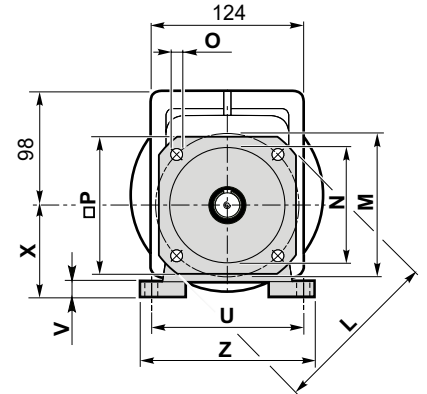
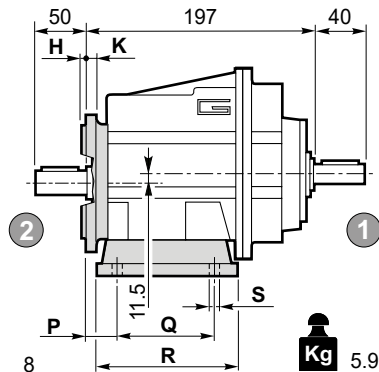
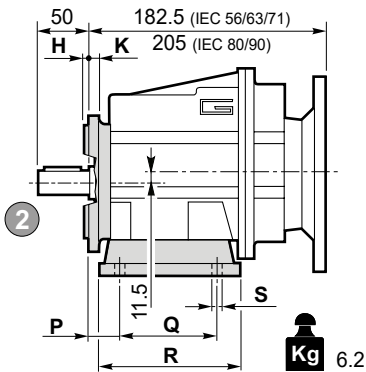
Dimensioni

Dimensions

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

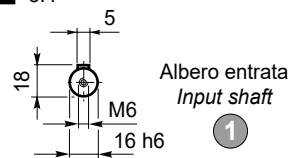
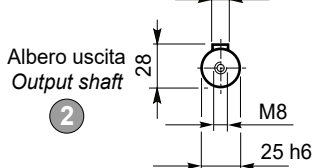
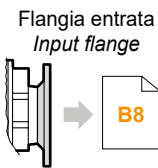
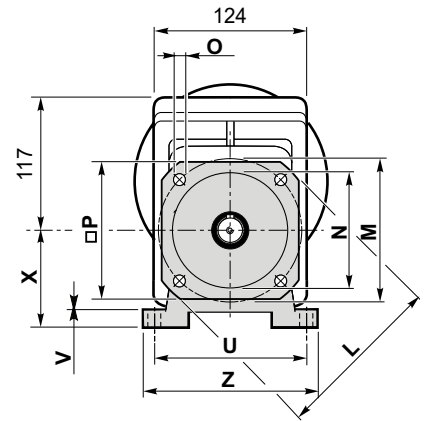
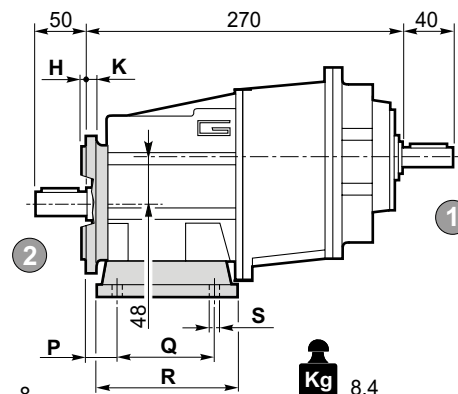
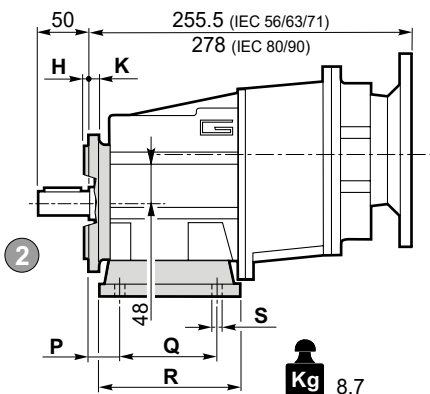
CMG 022 H../F..

CMGIS 022 H../F..



CMG 023 H../F..

CMGIS 023 H../F..

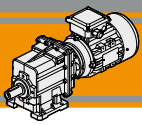


CMG CMGIS	Versione H / H Version								Piede / Foot		Combinazioni possibili H/F Possible combinations H/F			
	P	Q	R	S	U	V	X	Z	Tipo Type	Peso / Weight [kg]	F120	F140	F160	F200
	022 023	20	85	108	9	115	12	65	139	H65	0.7	•	•	
18		80	118	9	110	12	75	140	H75	1.0	•	•	•	
25		85	120	9	120	12	80	140	H80	1.1	•	•	•	
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

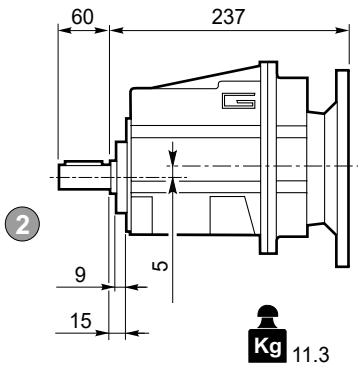
Motoriduttori ad ingranaggi cilindrici
Helical in-line gearmotors

Dimensioni

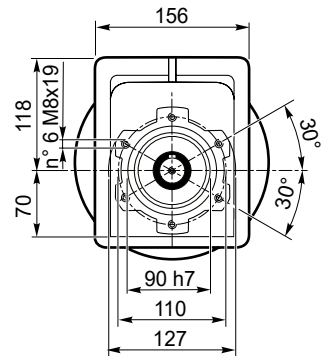
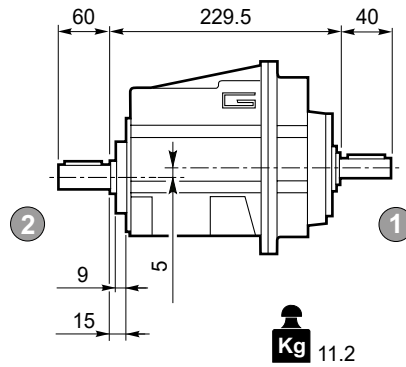
Dimensions

CMG 032 U - CMG 033 U

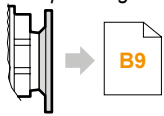
CMG 032 U



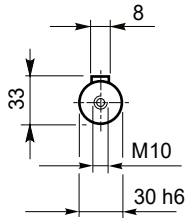
CMGIS 032 U



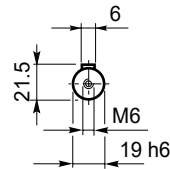
Flangia entrata
Input flange



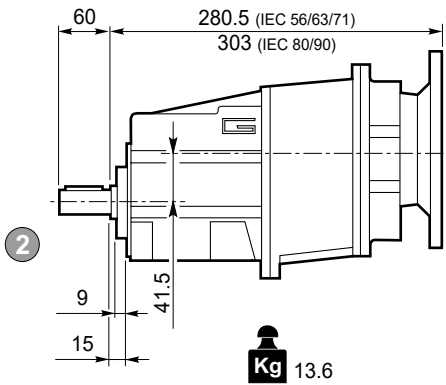
Albero uscita
Output shaft



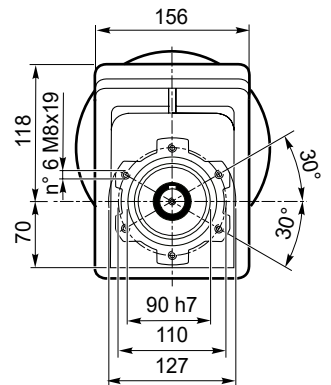
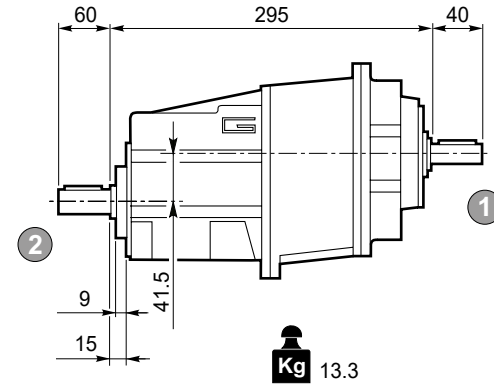
Albero entrata
Input shaft



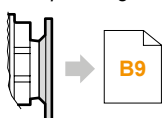
CMG 033 U



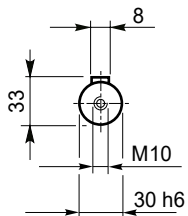
CMGIS 033 U



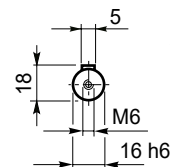
Flangia entrata
Input flange

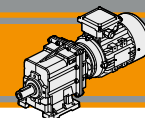


Albero uscita
Output shaft



Albero entrata
Input shaft



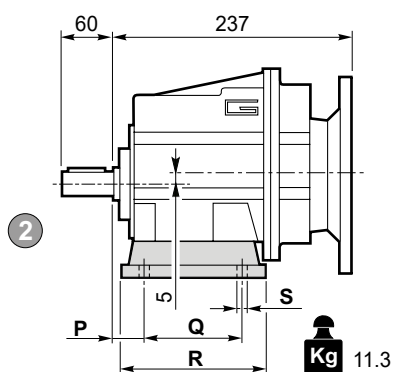


Dimensioni

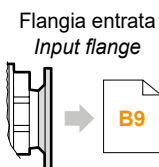
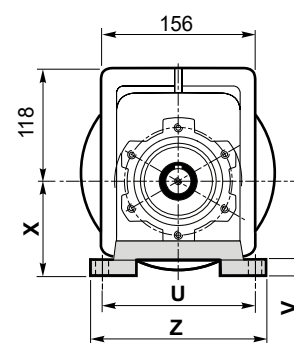
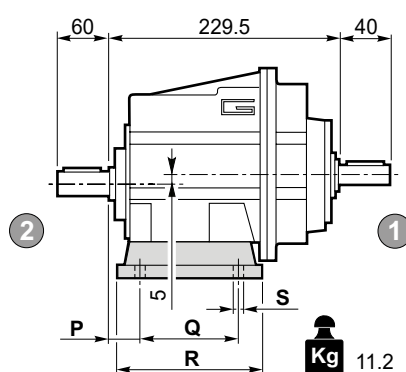
Dimensions

CMG 032 H.. - CMG 033 H..

CMG 032 H..



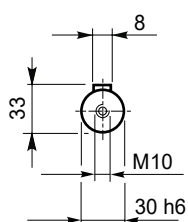
CMGIS 032 H..



B9

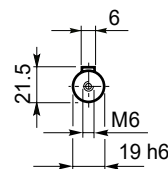
Albero uscita
Output shaft

2

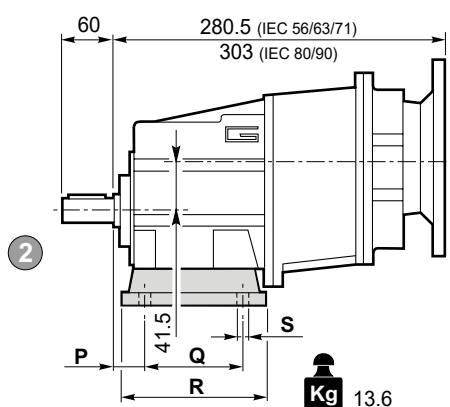


Albero entrata
Input shaft

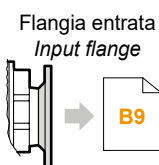
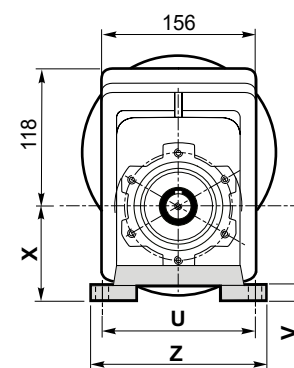
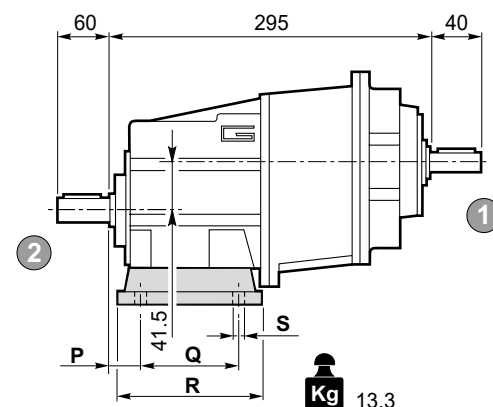
1



CMG 033 H..



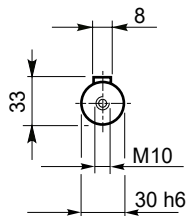
CMGIS 033 H..



B9

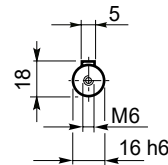
Albero uscita
Output shaft

2



Albero entrata
Input shaft

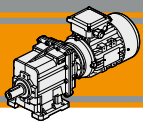
1



Versione H / H Version

CMG CMGIS	P	Q	R	S	U	V	X	Z	Piede / Foot	
									Tipo / Type	Peso / Weight [kg]
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

Motoriduttori ad ingranaggi cilindrici
Helical in-line gearmotors

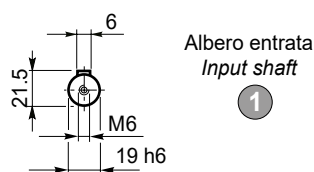
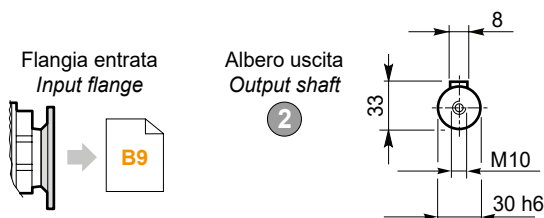
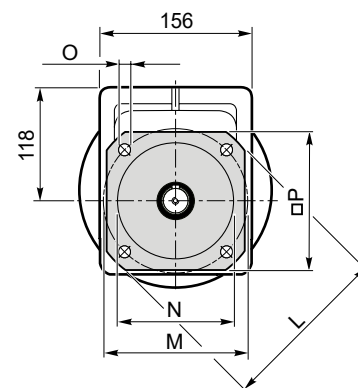
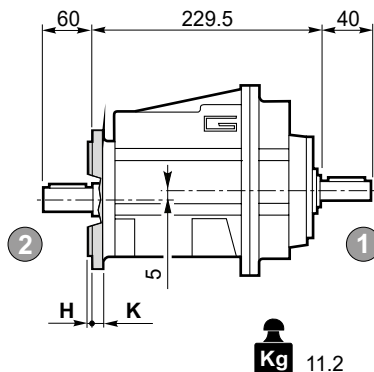
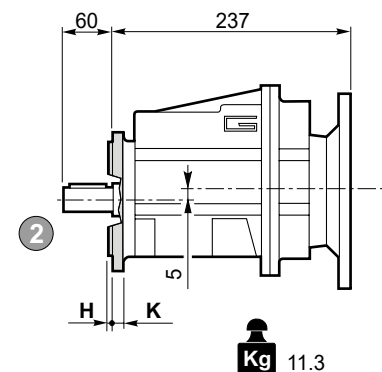
Dimensioni

Dimensions

CMG 032 F.. - CMG 033 F..

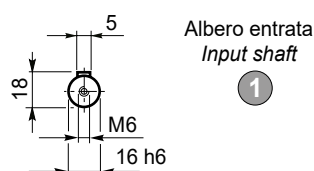
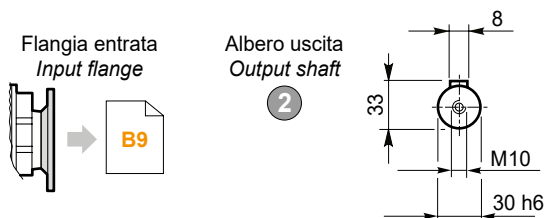
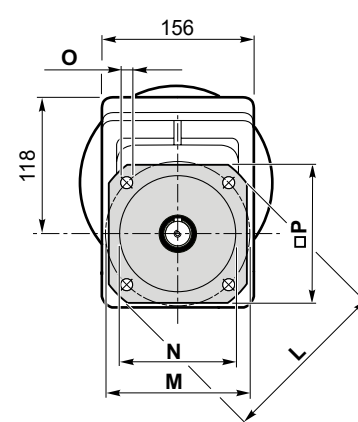
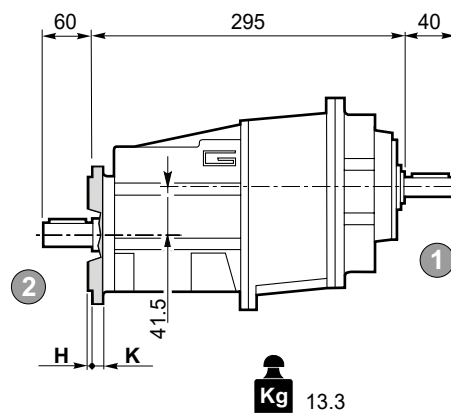
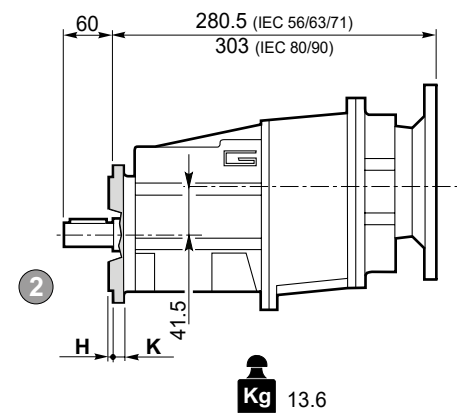
CMG 032 F..

CMGIS 032 F..

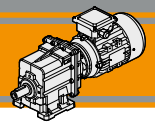


CMG 033 F..

CMGIS 033 F..

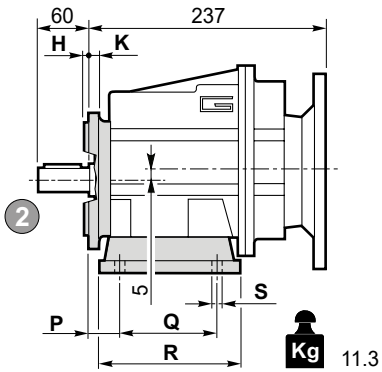


Versione F / F Version									
CMG CMGIS	H	K	L	M	N f7	O	P	Flangia / Flange	
								Tipo / Type	Peso / Weight [kg]
032 033	3.5	11	160	130	110	9	140	F160	1.0
	3.5	11	200	165	130	11	165	F200	1.8
	4	13	250	215	180	14	215	F250	2.9



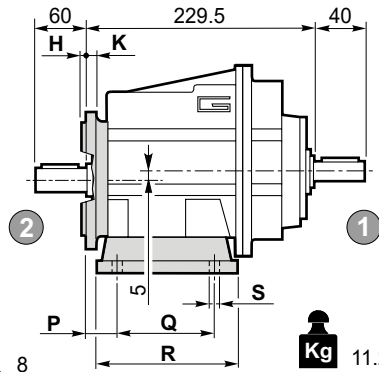
CMG 032 H../F.. - CMG 033 H../F..

CMG 032 H../F..

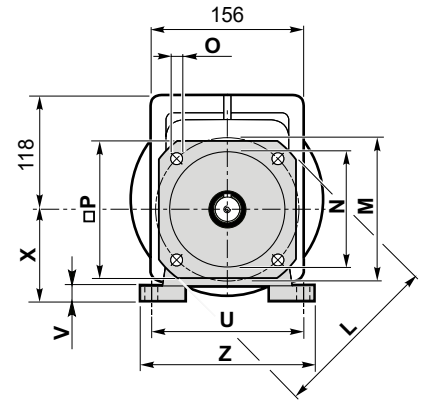


Kg 11.3

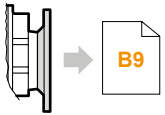
CMGIS 032 H../F..



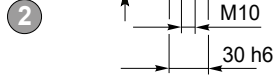
Kg 11.2



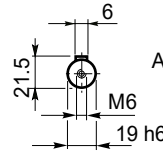
Flangia entrata
Input flange



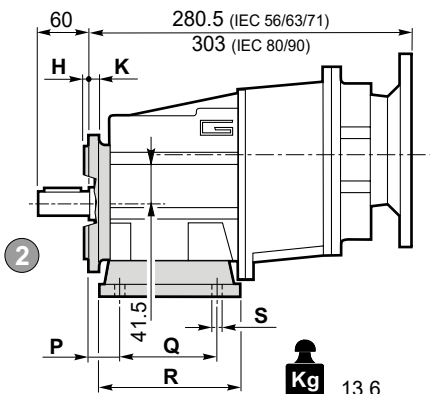
Albero uscita
Output shaft



Albero entrata
Input shaft

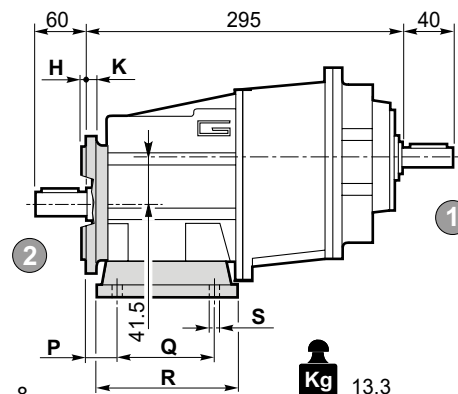


CMG 033 H../F..

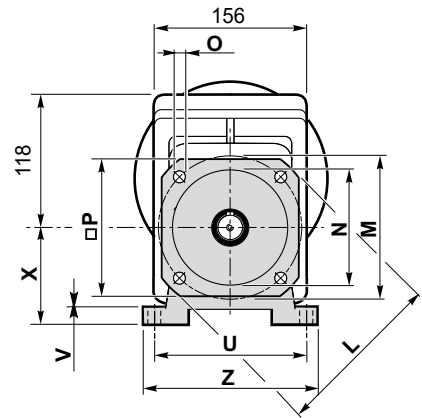


Kg 13.6

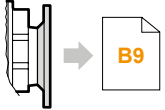
CMGIS 033 H../F..



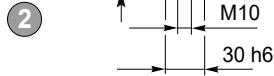
Kg 13.3



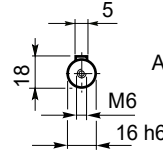
Flangia entrata
Input flange



Albero uscita
Output shaft



Albero entrata
Input shaft

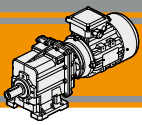


CMG CMGIS	Versione H / H Version									Combinazioni possibili H/F Possible combinations H/F			
	P	Q	R	S	U	V	X	Z	Piede / Foot		F160	F200	F250
									Tipo Type	Peso / Weight [kg]			
032 033	30	105	136	14	160	14	95	194	H95	1.5	•	•	
	30	100	150	11	150	14	110	185	H110	1.9	•	•	
	18	70			160								
	30	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

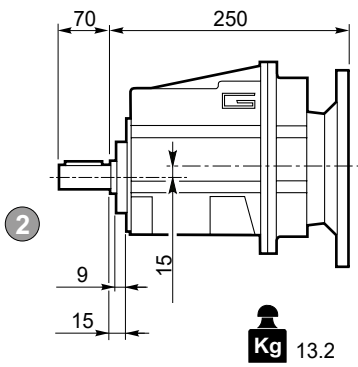
Motoriduttori ad ingranaggi cilindrici
Helical in-line gearmotors

Dimensioni

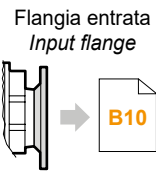
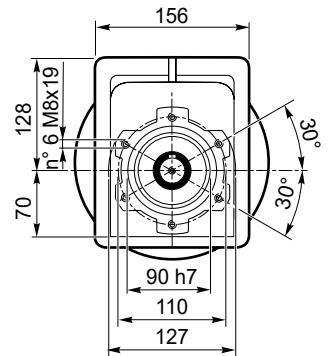
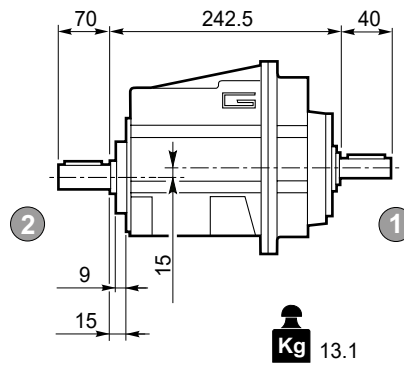
Dimensions

CMG 042 U - CMG 043 U

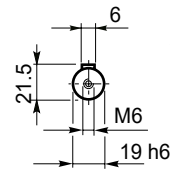
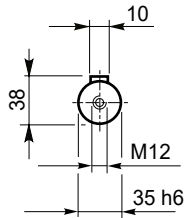
CMG 042 U



CMGIS 042 U

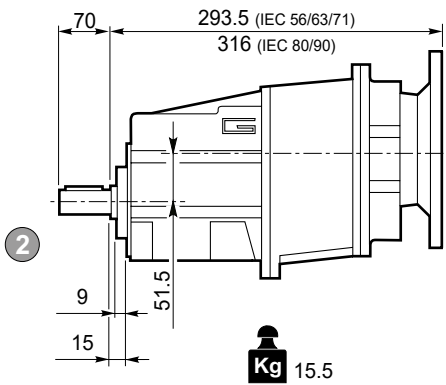


Albero uscita
Output shaft
2

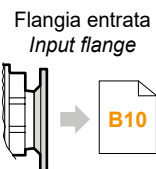
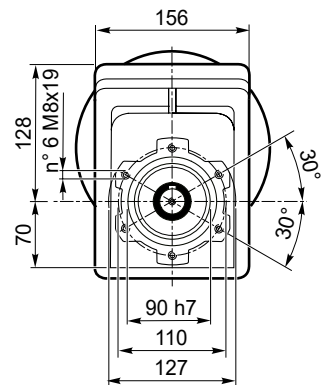
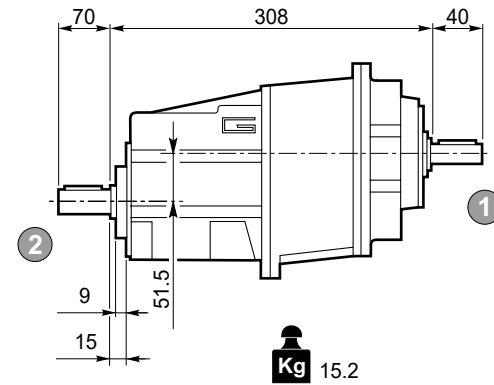


Albero entrata
Input shaft
1

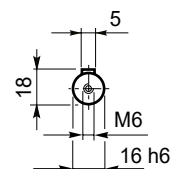
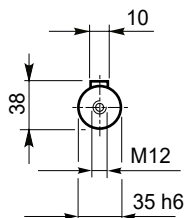
CMG 043 U



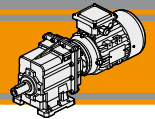
CMGIS 043 U



Albero uscita
Output shaft
2



Albero entrata
Input shaft
1



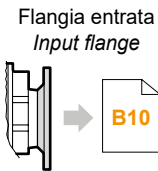
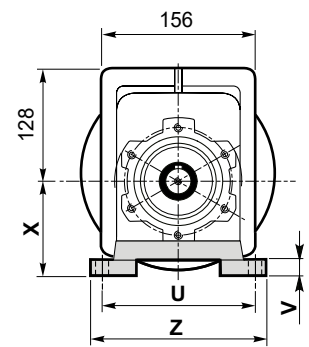
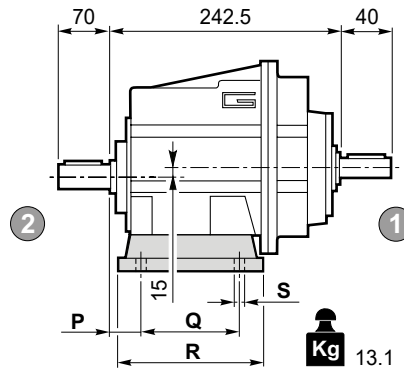
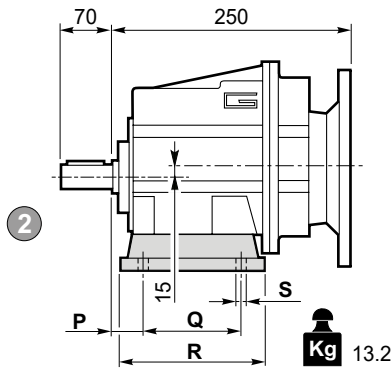
Dimensioni

Dimensions

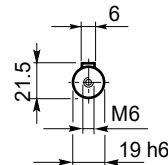
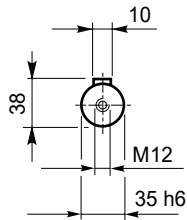
CMG 042 H.. - CMG 043 H..

CMG 042 H..

CMGIS 042 H..

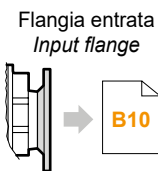
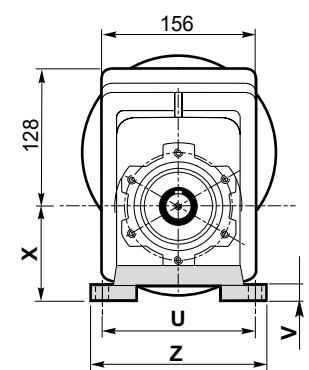
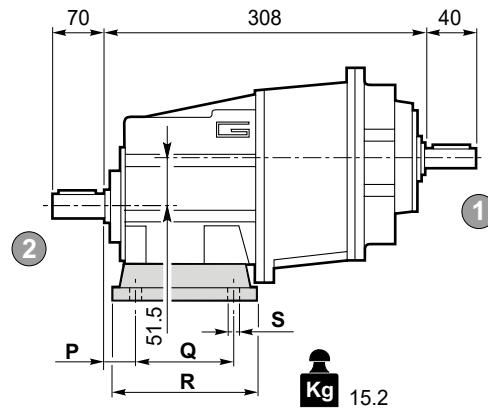
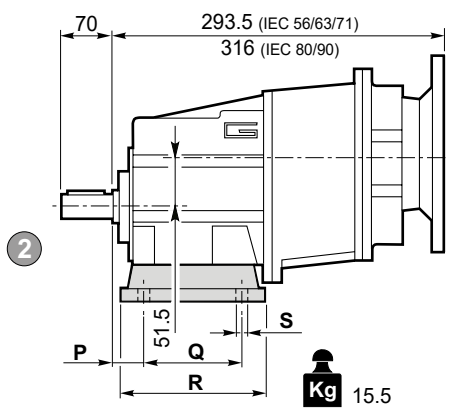


Albero uscita
Output shaft

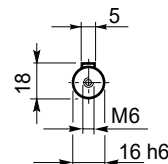
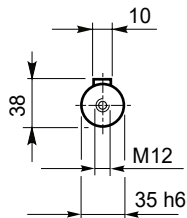


CMG 043 H..

CMGIS 043 H..



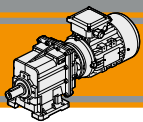
Albero uscita
Output shaft



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



CMG

Motoriduttori ad ingranaggi cilindrici
Helical in-line gearmotors

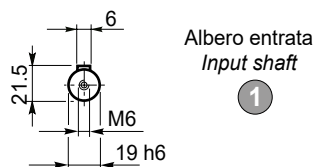
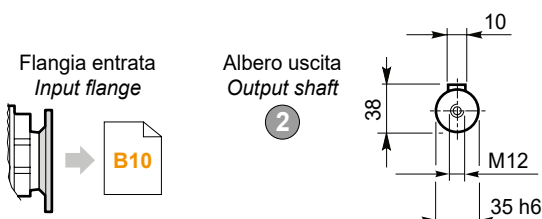
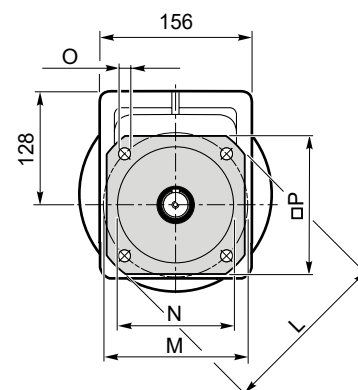
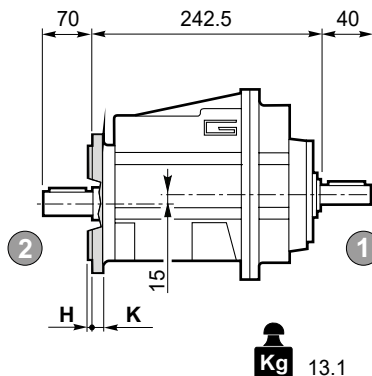
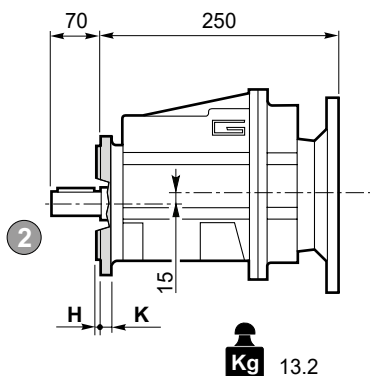
Dimensioni

Dimensions

CMG 042 F.. - CMG 043 F..

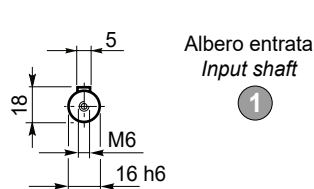
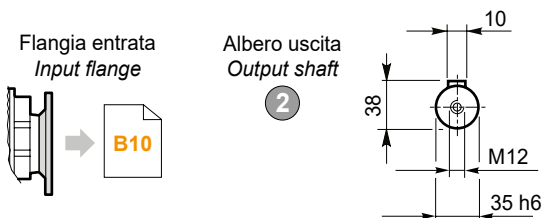
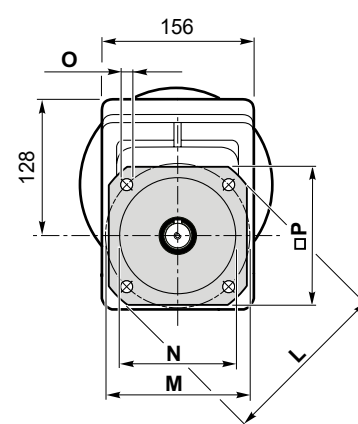
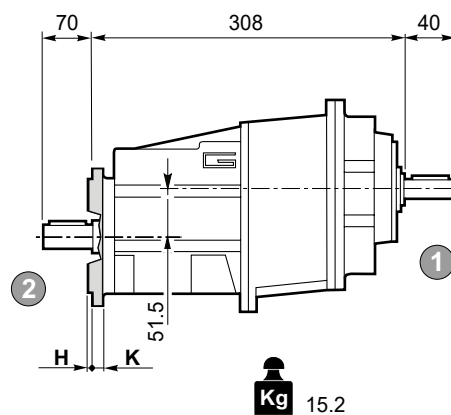
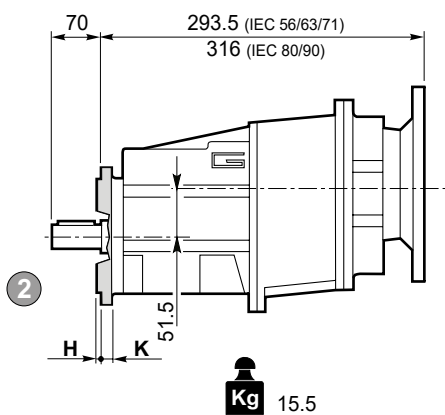
CMG 042 F..

CMGIS 042 F..



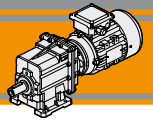
CMG 043 F..

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



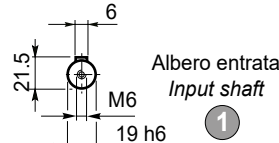
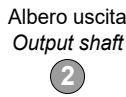
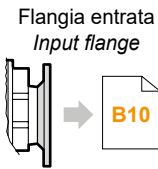
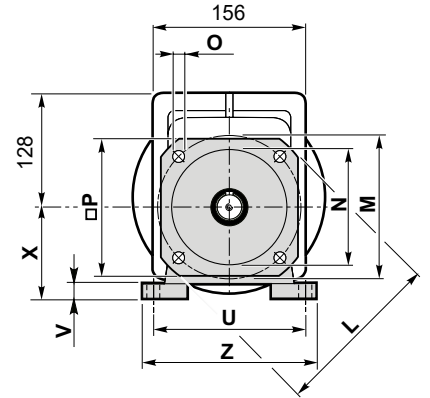
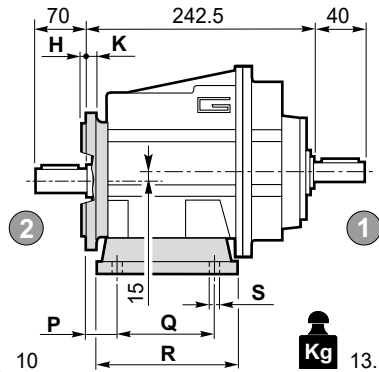
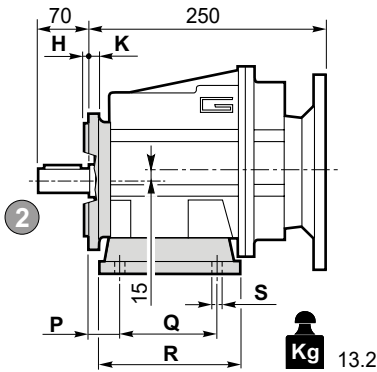
Dimensioni

Dimensions

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

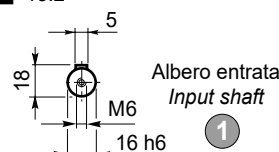
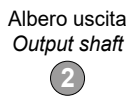
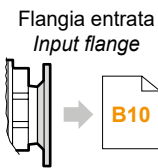
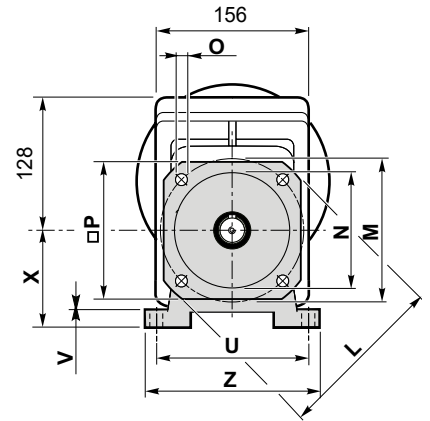
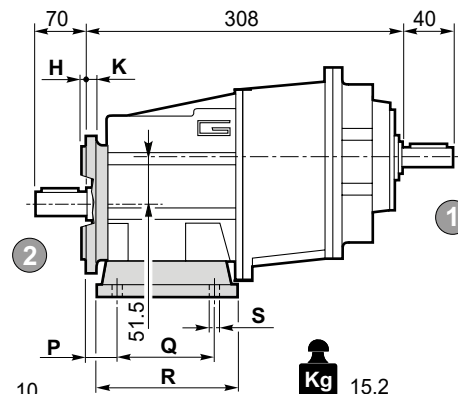
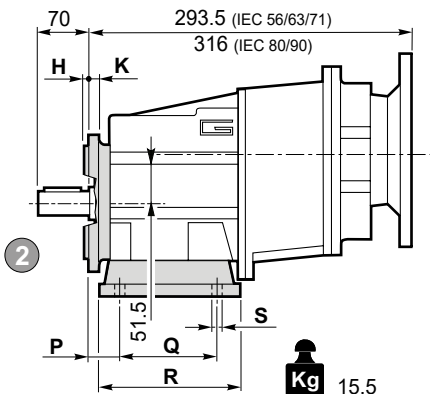
CMG 042 H../F..

CMGIS 042 H../F..



CMG 043 H../F..

CMGIS 043 H../F..



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]			
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

• 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]	
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	

Morskate®



Any questions? Please contact us.

Morskate Aandrijvingen BV

Oosterveldsingel 47A
7558 PJ Hengelo (Ov)
The Netherlands

NL

T +31 (0)74 - 760 11 11
info@morskateaandrijvingen.nl
www.morskateaandrijvingen.nl

DE

T +49 692 - 222 34 95
info@morskateantriebstechnik.de
www.morskateantriebstechnik.de

EN

T +31 (0)74 - 760 11 11
info@morskatedrivetechnology.com
www.morskatedrivetechnology.com