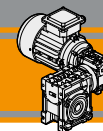




**Motoriduttori combinati a vite senza fine**  
**Double reduction wormgearmotors**



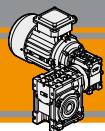




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# CMM

## Motoriduttori combinati a vite senza fine Double reduction wormgearmotors

### Caratteristiche tecniche

### Technical features

I motoriduttori combinati a vite senza fine della serie CMM hanno le seguenti caratteristiche principali :

CMM double reduction worm gearmotors range have the following main features:

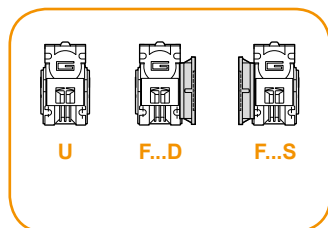
- Carcassa in alluminio nelle grandezze 026, 030, 040, 050, 063, 070, 075, 090 e 110. La grandezza 130 è costruita con carcassa in ghisa;
- Le grandezze 090, 110 e 130 sono fornite con cuscinetti a rulli conici sulla vite;
- Lubrificazione permanente con olio sintetico.
- Die-cast aluminium housing on sizes 026, 030, 040, 050, 063, 070, 075, 090 and 110. Cast iron housing on size 130;
- Double taper roller bearing on sizes 090, 110 and 130;
- Permanent synthetic oil long-life lubrication.

### Designazione

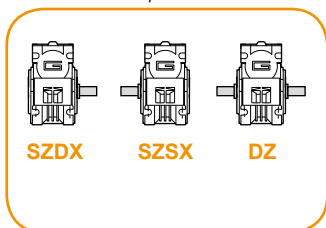
### Classification

RIDUTTORE / GEARBOX											
CMM	030/063	FD	20	71	B5	SZDX	BRSX	90	M1	US1	VS
Tipo Type	Grandezza Size	Versione Version	Rapporto Ratio	IEC 	Forma costruttiva Version	Albero di uscita Output shaft	Braccio di reazione Torque arm	Angolo Angle	Pos. di montaggio Mounting position	Esecuzione di montaggio Mounting execution	Opzioni Options
<b>CMM</b> 	<b>026/026</b> <b>026/026 (D11)</b> <b>026/026 (D14)</b>	<b>U</b> <b>F...</b>	vedi tabelle- see tables	<b>56..</b> <b>—</b> <b>90..</b>	<b>B5</b> <b>B14</b>	<b>SZDX</b> <b>SZSX</b> <b>DZ</b>	<b>BRDX</b> <b>BRSX</b>  *	<b>0°</b> <b>90°</b> <b>180°</b> <b>270°</b>	<b>M1 (B3)</b> <b>M2 (V6)</b> <b>M3 (B8)</b> <b>M4 (V5)</b> <b>M6 (B6)</b> <b>M5 (B7)</b>	<b>UB1</b> <b>UB2</b> <b>US1</b> <b>US2</b> <b>UV1</b> <b>UV2</b> <b>UC1</b> <b>UC2</b>	<b>VS1</b> <b>VS2</b>
<b>CMMIS</b> 	<b>026/030</b> <b>026/040</b> <b>026/050</b> <b>030/040</b> <b>030/050</b> <b>030/063</b> <b>040/063</b> <b>040/070</b> <b>040/075</b> <b>040/090</b> <b>050/110</b> <b>063/130</b>										

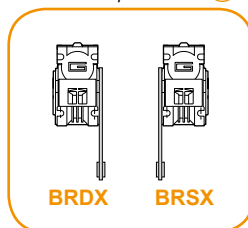
Versione Riduttore  
Gearbox Version



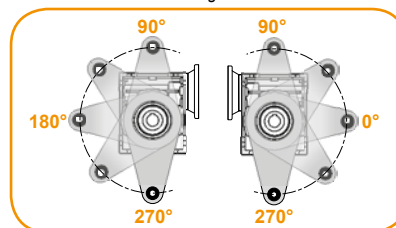
Albero di uscita  
Output shaft



Braccio di reazione  
Torque arm \*

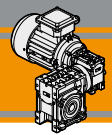


Angolo  
Angle



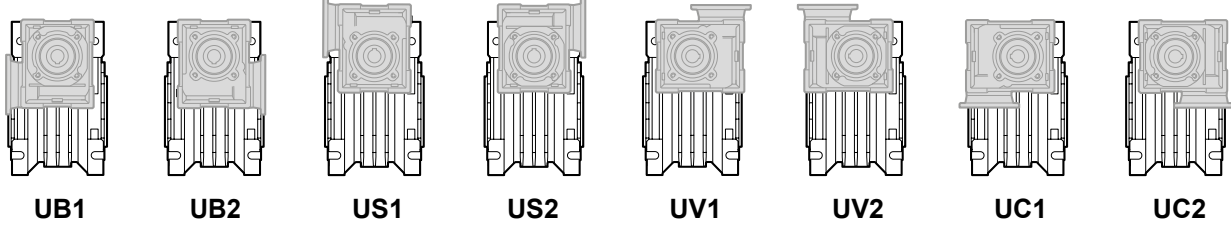
\* NOTA: il braccio di reazione viene fornito smontato.  
NOTE: the torque arm will be supplied not assembled.

MOTORE CM / CM MOTOR					
0.25kW	4p	3ph	230/400V	50Hz	T1
Potenza Power  Vedi tabelle See tables	Poli Poles  <b>2p</b> <b>4p</b> <b>6p</b> <b>8p</b>	Fasi Phases  <b>1ph</b> <b>3ph</b>	Tensione Voltage  <b>230V</b> <b>230/400V</b>	Frequenza Frequency  <b>50Hz</b> <b>60Hz</b>	Pos. morsetteria Terminal box pos.  <b>T1 (Std)</b>  <b>T4</b> <b>T3</b>



**Esecuzioni di montaggio**

**Mounting executions**



**Simbologia**

**Symbols**

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

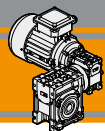
**Combinazioni rapporti**

**Combination ratio**

CMM 026/026 - CMM 026/030 - CMM 026/040 - CMM 026/050												
i (i <sub>1</sub> x i <sub>2</sub> )												
	150	225	300	450	600	900	1200	1500	1800	2400	3000	3600
i <sub>1</sub>	10	15	10	15	20	30	40	50	60	60	60	60
i <sub>2</sub>	15	15	30	30	30	30	30	30	30	40	50	60

CMM 030/040 - CMM 030/050 - CMM 030/063 - CMM 040/063 - CMM 040/070 - CMM 040/075 - CMM 040/090 - CMM 050/110 - CMM 063/130																
i (i <sub>1</sub> x i <sub>2</sub> )																
	75	100	150	200	250	300	400	500	600	750	900	1200	1500	1800	2400	3000
i <sub>1</sub>	7.5	10	10	10	10	10	10	10	20	25	30	40	50	60	60	60
i <sub>2</sub>	10	10	15	20	25	30	40	50	30	30	30	30	30	30	40	50

**CMM**

**Lubrificazione**

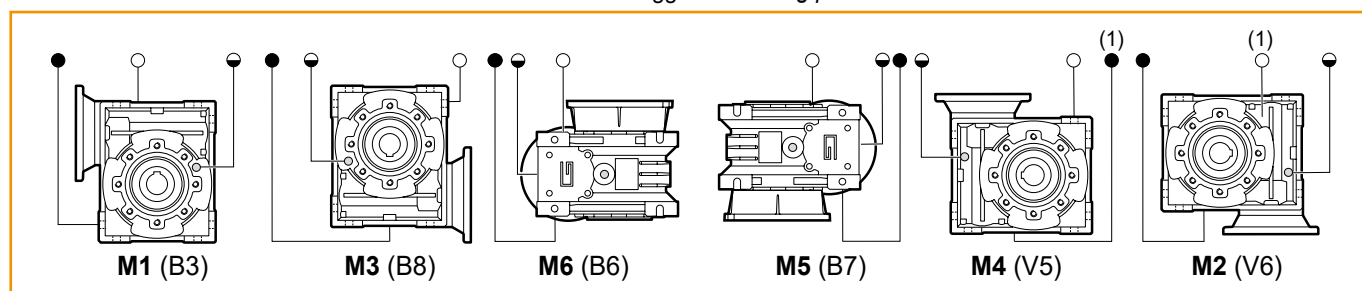
Tutti i motoriduttori nelle taglie 26, 30, 40, 50, 63, 70, 75, 90, 110 sono forniti completi di lubrificante sintetico viscosità 320, pertanto possono essere installati in qualunque posizione di montaggio e non necessitano di manutenzione. Per la taglia 130 la lubrificazione dipende dalla posizione di montaggio

**Lubrication**

*Permanent synthetic oil long-life lubrication (viscosity grade 320) makes it possible to use the gearmotors size 26, 30, 40, 50, 63, 70, 75, 90, 110 in all mounting positions; for this reason they can be installed in any assembly position and do not require maintenance. Only for size 130, the lubrication depended of mounting positions*

Quantità di olio (litri) / Oil quantity (litres)						
	M1 (B3)	M3 (B8)	M6 (B6)	M5 (B7)	M4 (V5)	M2 (V6)
<b>CM130</b>	4.5	3.3	3.5	3.5	4.5	3.3

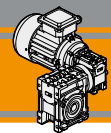
Lubrificato a vita  
*Life lubrication*

**Posizioni di montaggio / Mounting positions**

(standard)





(1): Tappo in posizione posteriore / *Plug in backside position*

- Sfiato e tappo di riempimento / *Breather and filling plug*
- ◐ Livello olio / *Oil level plug*
- Tappo di scarico / *Oil drain plug*



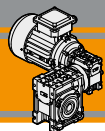
Dati tecnici

Technical data

$P_1$ [kW]	$n_2$ [min <sup>-1</sup> ]	$M_2$ [Nm]	sf	i			$P_1$ [kW]	$n_2$ [min <sup>-1</sup> ]	$M_2$ [Nm]	sf	i		
<b>0.06</b>							<b>0.06</b>						
56A4 (1400 min <sup>-1</sup> )	9.3	33	0.8	150	CMM 026/026	B14	56A4 (1400 min <sup>-1</sup> )	3.5	73	1.9	400	CMM 030/050	B5/B14
	6.2	33	0.8	225				2.8	83	1.5	500		
	4.7	34	0.8	300		B14		2.3	107	1.5	600		B5/B14
	3.1	34	0.8	450		B14		1.9	128	1.3	750		B5/B14
	2.3	34	0.8	600		B14		1.6	143	1.1	900		B5/B14
	1.6	34	0.8	900		B14		1.2	203	0.8	1200		B5/B14
	1.2	34	0.8	1200		B14		0.93	203	0.8	1500		B5/B14
	0.9	34	0.8	1500		B14		0.78	203	0.8	1800		B5/B14
	0.8	34	0.8	1800		B14		0.58	169	0.8	2400		B5/B14
	0.6	28	0.8	2400		B14		0.47	156	0.8	3000		B5/B14
	0.5	25	0.8	3000		B14							
	0.4	23	0.8	3600		B14							
	9.3	34	1.1	150	CMM 026/030	B14		2.8	86	2.7	500	CMM 030/063	B5/B14
	6.2	48	0.8	225			2.3	111	2.8	600	B5/B14		
	4.7	50	0.8	300		B14		1.9	133	2.3	750		B5/B14
	3.1	50	0.8	450		B14		1.6	148	2.1	900		B5/B14
	2.3	50	0.8	600		B14		1.2	183	1.7	1200		B5/B14
	1.6	50	0.8	900		B14		0.93	214	1.5	1500		B5/B14
	1.2	50	0.8	1200		B14		0.78	243	1.3	1800		B5/B14
	0.93	50	0.8	1500		B14		0.58	292	0.9	2400		B5/B14
	0.78	50	0.8	1800		B14		0.47	290	0.8	3000		B5/B14
	0.58	43	0.8	2400		B14							
	0.47	38	0.8	3000		B14		2.8	86	2.7	500	CMM 040/063	B5/B14
	0.39	34	0.8	3600		B14		2.3	115	2.7	600		
	9.3	35	2.5	150	CMM 026/040	B14		1.9	136	2.3	750		B5/B14
	6.2	50	1.8	225			1.6	155	2.0	900		B5/B14	
	4.7	58	1.5	300		B14		1.2	192	1.6	1200		B5/B14
	3.1	82	1.1	450		B14		0.93	221	1.4	1500		B5/B14
	2.3	104	0.9	600		B14		0.78	256	1.2	1800		B5/B14
	1.6	113	0.8	900		B14		0.58	308	0.8	2400		B5/B14
	1.2	113	0.8	1200		B14		0.47	290	0.8	3000		B5/B14
	0.93	113	0.8	1500		B14		1.17	172	2.6	1200	CMM 040/070	B5/B14
	0.78	113	0.8	1800		B14		0.93	221	2.0	1500		
	0.58	93	0.8	2400		B14		0.78	256	1.8	1800		B5/B14
	0.47	85	0.8	3000		B14		0.58	308	1.2	2400		B5/B14
	0.39	78	0.8	3600		B14		0.47	356	0.9	3000		B5/B14
	9.3	37	4.4	150	CMM 026/050	B14		0.93	221	2.5	1500	CMM 040/075	B5/B14
	6.2	52	3.1	225			0.78	256	2.1	1800	B5/B14		
	4.7	59	2.7	300		B14		0.58	313	1.5	2400		B5/B14
	3.1	83	1.9	450		B14		0.47	356	1.1	3000		B5/B14
	2.3	105	1.5	600		B14		0.58	330	2.5	2400	CMM 040/090	B5/B14
	1.6	141	1.1	900		B14		0.47	385	1.8	3000		
	1.2	174	0.9	1200		B14							
	0.93	203	0.8	1500		B14							
	0.78	203	0.8	1800		B14							
	0.58	169	0.8	2400		B14							
	0.47	156	0.8	3000		B14							
	0.39	141	0.8	3600		B14							
	9.3	36	2.4	150	CMM 030/040	B5/B14		9.3	53	1.6	150	CMM 026/040	B14
	7.0	46	1.6	200			6.2	74	1.2	225	B14		
	5.6	55	1.2	250		B5/B14		4.7	87	1.0	300		B14
	4.7	59	1.5	300		B5/B14							
	3.5	72	1.0	400		B5/B14		9.3	55	2.9	150	CMM 026/050	B14
	2.8	81	0.8	500		B5/B14		6.2	78	2.1	225		
	2.3	105	0.9	600		B5/B14		4.7	89	1.8	300		B14
	1.9	113	0.8	750		B5/B14		3.1	125	1.3	450		B14
	1.6	113	0.8	900		B5/B14		2.3	158	1.0	600		B14
	1.2	113	0.8	1200		B5/B14							
	0.93	113	0.8	1500		B5/B14		19	29	2.9	75	CMM 030/040	B5/B14
	0.78	113	0.8	1800		B5/B14		14	39	2.2	100		
	0.58	93	0.8	2400		B5/B14		9.3	53	1.6	150		B5/B14
	0.47	85	0.8	3000		B5/B14		7.0	69	1.1	200		B5/B14
						B5/B14		4.7	88	1.0	300		B5/B14

Verificare sempre che la coppia  $M_2$  utilizzata non ecceda il valore indicato nelle caselle in grigio.  
Please check that the output torque  $M_2$  does not exceed the value in the grey areas.









**CMM**

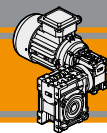
Motoriduttori combinati a vite senza fine  
Double reduction wormgearmotors

**Dati tecnici**

**Technical data**





P <sub>1</sub> [kW]	n <sub>2</sub> [min <sup>-1</sup> ]	M <sub>2</sub> [Nm]	sf	i			P <sub>1</sub> [kW]	n <sub>2</sub> [min <sup>-1</sup> ]	M <sub>2</sub> [Nm]	sf	i		
<b>0.09</b>							<b>0.12</b>						
56B4 (1400 min <sup>-1</sup> )	<b>19</b>	30	5.2	75	<b>CMM</b>	<b>B5/B14</b>	63A4 (1400 min <sup>-1</sup> )	<b>19</b>	39	2.1	75	<b>CMM</b>	<b>B5/B14</b>
	<b>14</b>	39	4.0	100	<b>030/050</b>	<b>B5/B14</b>		<b>14</b>	52	1.6	100	<b>030/040</b>	<b>B5/B14</b>
	<b>9.3</b>	56	2.9	150		<b>B5/B14</b>		<b>9.3</b>	71	1.2	150		<b>B5/B14</b>
	<b>7.0</b>	70	2.0	200		<b>B5/B14</b>		<b>7.0</b>	92	0.8	200		<b>B5/B14</b>
	<b>5.6</b>	83	1.5	250		<b>B5/B14</b>						<b>CMM</b>	<b>B5/B14</b>
	<b>4.7</b>	90	1.8	300		<b>B5/B14</b>		<b>19</b>	40	3.9	75	<b>030/050</b>	<b>B5/B14</b>
	<b>3.5</b>	109	1.2	400		<b>B5/B14</b>		<b>14</b>	52	3.0	100		<b>B5/B14</b>
	<b>2.8</b>	124	1.0	500		<b>B5/B14</b>		<b>9.3</b>	74	2.2	150		<b>B5/B14</b>
	<b>2.3</b>	160	1.0	600		<b>B5/B14</b>		<b>7.0</b>	94	1.5	200		<b>B5/B14</b>
	<b>1.9</b>	192	0.8	750		<b>B5/B14</b>		<b>5.6</b>	110	1.1	250		<b>B5/B14</b>
					<b>CMM</b>	<b>B5/B14</b>		<b>4.7</b>	120	1.4	300		<b>B5/B14</b>
	<b>7.0</b>	69	3.8	200	<b>030/063</b>	<b>B5/B14</b>		<b>3.5</b>	146	0.9	400		<b>B5/B14</b>
	<b>5.6</b>	81	2.8	250		<b>B5/B14</b>						<b>CMM</b>	<b>B5/B14</b>
	<b>4.7</b>	93	3.3	300		<b>B5/B14</b>		<b>7.0</b>	92	2.8	200	<b>030/063</b>	<b>B5/B14</b>
	<b>3.5</b>	111	2.3	400		<b>B5/B14</b>		<b>5.6</b>	108	2.1	250		<b>B5/B14</b>
	<b>2.8</b>	129	1.8	500		<b>B5/B14</b>		<b>4.7</b>	124	2.5	300		<b>B5/B14</b>
	<b>2.3</b>	166	1.9	600		<b>B5/B14</b>		<b>3.5</b>	149	1.8	400		<b>B5/B14</b>
	<b>1.9</b>	199	1.6	750		<b>B5/B14</b>		<b>2.8</b>	172	1.3	500		<b>B5/B14</b>
	<b>1.6</b>	222	1.4	900		<b>B5/B14</b>		<b>2.3</b>	221	1.4	600		<b>B5/B14</b>
	<b>1.2</b>	274	1.1	1200		<b>B5/B14</b>		<b>1.9</b>	265	1.2	750		<b>B5/B14</b>
	<b>0.93</b>	320	1.0	1500		<b>B5/B14</b>		<b>1.6</b>	296	1.0	900		<b>B5/B14</b>
	<b>0.78</b>	365	0.9	1800		<b>B5/B14</b>		<b>1.2</b>	365	0.8	1200		<b>B5/B14</b>
					<b>CMM</b>	<b>B5/B14</b>		<b>7.0</b>	92	2.8	200	<b>040/063</b>	<b>B5/B14</b>
	<b>5.6</b>	81	2.8	250		<b>B5/B14</b>		<b>5.6</b>	108	2.1	250		<b>B5/B14</b>
	<b>4.7</b>	93	3.3	300		<b>B5/B14</b>		<b>4.7</b>	124	2.5	300		<b>B5/B14</b>
	<b>3.5</b>	111	2.3	400		<b>B5/B14</b>		<b>3.5</b>	149	1.8	400		<b>B5/B14</b>
	<b>2.8</b>	129	1.8	500		<b>B5/B14</b>		<b>2.8</b>	172	1.3	500		<b>B5/B14</b>
	<b>2.3</b>	172	1.8	600		<b>B5/B14</b>		<b>2.3</b>	230	1.3	600		<b>B5/B14</b>
	<b>1.9</b>	204	1.5	750		<b>B5/B14</b>		<b>1.9</b>	273	1.1	750		<b>B5/B14</b>
	<b>1.6</b>	232	1.3	900		<b>B5/B14</b>		<b>1.6</b>	309	1.0	900		<b>B5/B14</b>
	<b>1.2</b>	287	1.1	1200		<b>B5/B14</b>		<b>1.2</b>	383	0.8	1200		<b>B5/B14</b>
	<b>0.93</b>	320	1.0	1500		<b>B5/B14</b>						<b>CMM</b>	<b>B5/B14</b>
	<b>0.78</b>	385	0.8	1800		<b>B5/B14</b>		<b>3.5</b>	149	2.6	400	<b>040/070</b>	<b>B5/B14</b>
					<b>CMM</b>	<b>B5/B14</b>		<b>2.8</b>	172	2.0	500		<b>B5/B14</b>
	<b>2.8</b>	129	2.6	500		<b>B5/B14</b>		<b>2.3</b>	230	2.0	600		<b>B5/B14</b>
	<b>2.3</b>	172	2.6	600	<b>040/070</b>	<b>B5/B14</b>		<b>1.9</b>	273	1.7	750		<b>B5/B14</b>
	<b>1.9</b>	204	2.2	750		<b>B5/B14</b>		<b>1.6</b>	309	1.5	900		<b>B5/B14</b>
	<b>1.6</b>	232	2.0	900		<b>B5/B14</b>		<b>1.2</b>	383	1.2	1200		<b>B5/B14</b>
	<b>1.2</b>	259	1.8	1200		<b>B5/B14</b>		<b>0.93</b>	442	1.0	1500		<b>B5/B14</b>
	<b>0.93</b>	332	1.4	1500		<b>B5/B14</b>		<b>0.78</b>	513	0.9	1800		<b>B5/B14</b>
	<b>0.78</b>	385	1.2	1800		<b>B5/B14</b>						<b>CMM</b>	<b>B5/B14</b>
					<b>CMM</b>	<b>B5/B14</b>		<b>2.8</b>	172	2.3	500	<b>040/075</b>	<b>B5/B14</b>
	<b>1.6</b>	232	2.4	900		<b>B5/B14</b>		<b>2.3</b>	230	2.4	600		<b>B5/B14</b>
	<b>1.2</b>	287	1.9	1200	<b>040/075</b>	<b>B5/B14</b>		<b>1.9</b>	273	2.0	750		<b>B5/B14</b>
	<b>0.93</b>	332	1.6	1500		<b>B5/B14</b>		<b>1.6</b>	309	1.8	900		<b>B5/B14</b>
	<b>0.78</b>	385	1.4	1800		<b>B5/B14</b>		<b>1.2</b>	383	1.4	1200		<b>B5/B14</b>
	<b>0.58</b>	470	1.0	2400		<b>B5/B14</b>		<b>0.93</b>	442	1.2	1500		<b>B5/B14</b>
					<b>CMM</b>	<b>B5/B14</b>		<b>0.78</b>	513	1.1	1800		<b>B5/B14</b>
	<b>1.2</b>	302	3.1	1200	<b>040/090</b>	<b>B5/B14</b>						<b>CMM</b>	<b>B5/B14</b>
	<b>0.93</b>	348	2.7	1500		<b>B5/B14</b>		<b>1.6</b>	325	2.9	900	<b>040/090</b>	<b>B5/B14</b>
	<b>0.78</b>	404	2.3	1800		<b>B5/B14</b>		<b>1.2</b>	402	2.3	1200		<b>B5/B14</b>
	<b>0.58</b>	496	1.6	2400		<b>B5/B14</b>		<b>0.93</b>	464	2.0	1500		<b>B5/B14</b>
	<b>0.47</b>	577	1.2	3000		<b>B5/B14</b>		<b>0.78</b>	538	1.8	1800		<b>B5/B14</b>
								<b>0.58</b>	661	1.2	2400		<b>B5/B14</b>
								<b>0.47</b>	769	0.9	3000		<b>B5/B14</b>
												<b>CMM</b>	<b>B5/B14</b>
								<b>0.78</b>	566	2.8	1800	<b>050/110</b>	<b>B5/B14</b>
								<b>0.58</b>	719	2.0	2400		<b>B5/B14</b>
								<b>0.47</b>	855	1.5	3000		<b>B5/B14</b>



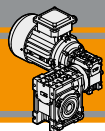


**Dati tecnici**

**Technical data**

P <sub>1</sub> [kW]	n <sub>2</sub> [min <sup>-1</sup> ]	M <sub>2</sub> [Nm]	sf	i			P <sub>1</sub> [kW]	n <sub>2</sub> [min <sup>-1</sup> ]	M <sub>2</sub> [Nm]	sf	i		
<b>0.18</b>							<b>0.22</b>						
63B4 (1400 min <sup>-1</sup> )	19	59	1.4	75	<b>CMM</b>	<b>B5/B14</b>	63C4 (1400 min <sup>-1</sup> )	19	72	1.2	75	<b>CMM</b>	<b>B5/B14</b>
	14	77	1.1	100				<b>030/040</b>	B5/B14	14	95		
	9.3	107	0.8	150				19	73	2.1	75	<b>CMM</b>	<b>B5/B14</b>
	19	59	2.6	75	<b>CMM</b>	<b>B5/B14</b>		14	96	1.6	100		
	14	78	2.0	100						9.3	136	1.2	150
	9.3	111	1.4	150				7.0	171	0.8	200		B5/B14
	7.0	140	1.0	200				19	74	3.9	75	<b>CMM</b>	<b>B5/B14</b>
	5.6	165	0.7	250	<b>CMM</b>	<b>B5/B14</b>		14	97	3.0	100		
	4.7	179	0.9	300						9.3	134	2.3	150
	19	60	4.8	75	<b>CMM</b>	<b>B5/B14</b>		7.0	169	1.5	200		B5/B14
	14	79	3.6	100			<b>030/063</b>	B5/B14		5.6	199	1.2	250
	9.3	110	2.8	150				4.7	227	1.4	300		B5/B14
	7.0	138	1.9	200				3.5	272	1.0	400		B5/B14
	5.6	162	1.4	250				19	75	3.9	75	<b>CMM</b>	<b>B5/B14</b>
	4.7	186	1.7	300	<b>CMM</b>	<b>B5/B14</b>		14	97	3.0	100		
	3.5	223	1.2	400						9.3	134	2.3	150
	2.8	258	0.9	500				7.0	169	1.5	200		B5/B14
	2.3	332	0.9	600				5.6	199	1.2	250		B5/B14
	19	61	4.7	75	<b>CMM</b>	<b>B5/B14</b>		4.7	227	1.4	300		B5/B14
	14	79	3.6	100			<b>040/063</b>	B5/B14		3.5	272	1.0	400
	9.3	110	2.8	150				7.0	171	2.3	200	<b>CMM</b>	<b>B5/B14</b>
	7.0	138	1.9	200				5.6	205	1.7	250		
	5.6	162	1.4	250				4.7	227	2.0	300		B5/B14
	4.7	186	1.7	300				3.5	272	1.4	400		B5/B14
	3.5	223	1.2	400				2.8	315	1.1	500		B5/B14
	2.8	258	0.9	500				2.3	421	1.1	600		B5/B14
	2.3	345	0.9	600				1.9	500	0.9	750		B5/B14
	7.0	140	2.8	200	<b>CMM</b>	<b>B5/B14</b>		1.6	567	1.0	900		B5/B14
	5.6	168	2.0	250			<b>040/070</b>	B5/B14		5.6	205	2.0	250
	4.7	186	2.4	300				4.7	227	2.4	300	<b>040/075</b>	B5/B14
	3.5	223	1.7	400				3.5	277	1.7	400		B5/B14
	2.8	258	1.3	500				2.8	315	1.3	500		B5/B14
	2.3	345	1.3	600				2.3	421	1.3	600		B5/B14
	1.9	409	1.1	750				1.9	500	1.1	750		B5/B14
	1.6	464	1.0	900				1.6	567	1.0	900		B5/B14
	5.6	168	2.4	250	<b>CMM</b>	<b>B5/B14</b>		3.5	292	2.8	400	<b>CMM</b>	<b>B5/B14</b>
	4.7	186	2.9	300			<b>040/075</b>	B5/B14		2.8	340		
	3.5	227	2.1	400				2.3	442	2.1	600		B5/B14
	2.8	258	1.6	500				1.9	525	1.8	750		B5/B14
	2.3	345	1.6	600				1.6	596	1.6	900		B5/B14
	1.9	409	1.3	750				1.2	737	1.3	1200		B5/B14
	1.6	464	1.2	900				0.93	851	1.1	1500		B5/B14
	1.2	575	1.0	1200				0.78	987	1.0	1800		B5/B14
	2.8	278	2.5	500	<b>CMM</b>	<b>B5/B14</b>		1.9	547	2.9	750	<b>CMM</b>	<b>B5/B14</b>
	2.3	362	2.6	600			<b>040/090</b>	B5/B14		1.6	622		
	1.9	429	2.2	750				1.2	791	1.8	1200		B5/B14
	1.6	487	1.9	900				0.93	908	1.8	1500		B5/B14
	1.2	603	1.6	1200				0.78	1037	1.5	1800		B5/B14
	0.93	696	1.4	1500				0.58	1318	1.1	2400		B5/B14
	0.78	808	1.2	1800				1.2	832	2.5	1200	<b>CMM</b>	<b>B5/B14</b>
	1.2	632	2.5	1200	<b>CMM</b>	<b>B5/B14</b>		0.93	981	2.1	1500		
	0.93	743	2.1	1500						0.78	1123	1.8	1800
	0.78	849	1.9	1800				0.58	1430	1.3	2400		B5/B14
	0.58	1079	1.3	2400				0.47	1730	0.9	3000		B5/B14
	0.47	1282	1.0	3000									B5/B14
	0.93	802	2.6	1500	<b>CMM</b>	<b>B5/B14</b>							B5/B14
	0.78	919	2.2	1800			<b>063/110</b>	B5/B14					
	0.58	1170	1.6	2400									B5/B14
	0.47	1416	1.1	3000									B5/B14

CMM







**CMM**

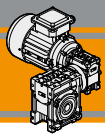
Motoriduttori combinati a vite senza fine  
Double reduction wormgearmotors

**Dati tecnici**

**Technical data**

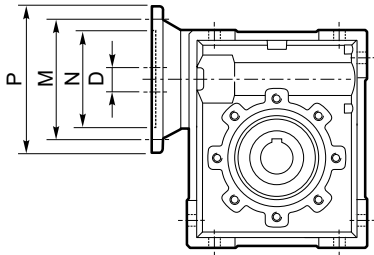
P <sub>1</sub> [kW]	n <sub>2</sub> [min <sup>-1</sup> ]	M <sub>2</sub> [Nm]	sf	i			P <sub>1</sub> [kW]	n <sub>2</sub> [min <sup>-1</sup> ]	M <sub>2</sub> [Nm]	sf	i				
<b>0.25</b>							<b>0.37</b>								
71A4 (1400 min <sup>-1</sup> )	<b>19</b>	85	3.4	75	<b>CMM</b> <b>040/063</b>	<b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b>	71B4 (1400 min <sup>-1</sup> )	<b>19</b>	125	2.3	75	<b>CMM</b> <b>040/063</b>	<b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b>		
	<b>14</b>	110	2.6	100				<b>14</b>	163	1.8	100				
	<b>9.3</b>	153	2.0	150				<b>9.3</b>	226	1.3	150				
	<b>7.0</b>	192	1.4	200				<b>7.0</b>	284	0.9	200				
	<b>5.6</b>	226	1.0	250											
	<b>4.7</b>	258	1.2	300	<b>CMM</b> <b>040/070</b>	<b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b>		<b>19</b>	127	3.3	75	<b>CMM</b> <b>040/070</b>	<b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b>		
	<b>3.5</b>	309	0.8	400				<b>14</b>	165	2.5	100				
	<b>19</b>	86	4.9	75				<b>9.3</b>	229	1.9	150				
	<b>14</b>	112	3.7	100				<b>7.0</b>	288	1.4	200				
	<b>9.3</b>	155	2.8	150				<b>5.6</b>	345	1.0	250				
	<b>7.0</b>	195	2.0	200	<b>CMM</b> <b>040/075</b>	<b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b>		<b>4.7</b>	382	1.2	300	<b>CMM</b> <b>040/075</b>	<b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b>		
	<b>5.6</b>	233	1.5	250				<b>9.3</b>	232	2.3	150				
	<b>4.7</b>	258	1.8	300				<b>7.0</b>	293	1.6	200				
	<b>3.5</b>	309	1.2	400				<b>5.6</b>	345	1.2	250				
	<b>2.8</b>	358	0.9	500				<b>4.7</b>	382	1.4	300				
	<b>2.3</b>	479	0.9	600	<b>CMM</b> <b>040/090</b>	<b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b>		<b>3.5</b>	466	1.0	400	<b>CMM</b> <b>040/090</b>	<b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b>		
	<b>7.0</b>	198	2.4	200				<b>7.0</b>	305	2.6	200				
	<b>5.6</b>	233	1.8	250				<b>5.6</b>	366	1.9	250				
	<b>4.7</b>	258	2.1	300				<b>4.7</b>	401	2.4	300				
	<b>3.5</b>	315	1.5	400				<b>3.5</b>	492	1.7	400				
	<b>2.8</b>	358	1.1	500	<b>CMM</b> <b>040/090</b>	<b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b>		<b>2.8</b>	572	1.2	500	<b>CMM</b> <b>050/110</b>	<b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b>		
	<b>2.3</b>	479	1.1	600				<b>2.3</b>	744	1.3	600				
	<b>1.9</b>	568	1.0	750				<b>1.9</b>	882	1.1	750				
	<b>1.6</b>	645	0.8	900				<b>1.6</b>	1002	0.9	900				
	<b>5.6</b>	247	2.9	250				<b>5.6</b>	386	3.3	250				
	<b>4.7</b>	271	3.5	300	<b>CMM</b> <b>040/090</b>	<b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b>		<b>4.7</b>	412	3.9	300	<b>CMM</b> <b>050/110</b>	<b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b>		
	<b>3.5</b>	332	2.4	400				<b>3.5</b>	523	2.8	400				
	<b>2.8</b>	387	1.8	500				<b>2.8</b>	622	2.0	500				
	<b>2.3</b>	503	1.9	600				<b>2.3</b>	766	2.1	600				
	<b>1.9</b>	596	1.6	750				<b>1.9</b>	921	1.7	750				
	<b>1.6</b>	677	1.4	900	<b>CMM</b> <b>050/110</b>	<b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b>		<b>1.6</b>	1047	1.5	900	<b>CMM</b> <b>063/130</b>	<b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b>		
	<b>1.2</b>	838	1.1	1200				<b>1.2</b>	1299	1.2	1200				
	<b>0.93</b>	967	1.0	1500				<b>0.93</b>	1526	1.0	1500				
	<b>2.8</b>	420	3.0	500				<b>0.78</b>	1745	0.9	1800				
	<b>2.3</b>	517	3.1	600				<b>1.9</b>	974	2.1	750				
	<b>1.9</b>	622	2.6	750	<b>CMM</b> <b>063/130</b>	<b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b>		<b>1.6</b>	1124	1.8	900	<b>CMM</b> <b>063/130</b>	<b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b>		
	<b>1.6</b>	707	2.3	900				<b>1.2</b>	1399	1.5	1200				
	<b>1.2</b>	878	1.8	1200				<b>0.93</b>	1649	1.3	1500				
	<b>0.93</b>	1031	1.5	1500				<b>0.78</b>	1889	1.1	1800				
	<b>0.78</b>	1179	1.4	1800											
	<b>0.58</b>	1498	1.0	2400	<b>CMM</b> <b>063/130</b>	<b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b>		<b>1.2</b>	945	2.2	1200	<b>CMM</b> <b>063/130</b>	<b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b>		
	<b>0.93</b>	1114	1.9	1500				<b>0.93</b>	1624	1.1	2400				
	<b>0.78</b>	1276	1.6	1800				<b>0.58</b>	1966	0.8	3000				
	<b>0.58</b>	1624	1.1	2400											
	<b>0.47</b>	1966	0.8	3000											
<b>0.55</b>							<b>0.55</b>								
	<b>1.2</b>	945	2.2	1200	<b>CMM</b> <b>063/130</b>	<b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b>	71C4 (1400 min <sup>-1</sup> )	<b>19</b>	186	1.5	75	<b>CMM</b> <b>040/063</b>	<b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b>		
	<b>0.93</b>	1114	1.9	1500				<b>14</b>	243	1.2	100				
	<b>0.78</b>	1276	1.6	1800				<b>9.3</b>	336	0.9	150				
	<b>0.58</b>	1624	1.1	2400											
	<b>0.47</b>	1966	0.8	3000											
	<b>19</b>	189	2.2	75	<b>CMM</b> <b>040/070</b>	<b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b>		<b>19</b>	189	2.2	75	<b>CMM</b> <b>040/070</b>	<b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b>		
	<b>14</b>	246	1.7	100				<b>14</b>	246	1.7	100				
	<b>9.3</b>	340	1.3	150				<b>9.3</b>	340	1.3	150				
	<b>7.0</b>	429	0.9	200				<b>7.0</b>	429	0.9	200				
	<b>19</b>	189	2.7	75			<b>CMM</b> <b>040/075</b>	<b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b>		<b>14</b>	246			2.0	100
	<b>14</b>	246	2.0	100		<b>14</b>			246	2.0	100				
	<b>9.3</b>	345	1.5	150		<b>9.3</b>			345	1.5	150				
	<b>7.0</b>	435	1.1	200		<b>7.0</b>			435	1.1	200				
	<b>4.7</b>	567	1.0	300		<b>4.7</b>			567	1.0	300				
	<b>9.3</b>	355	2.5	150	<b>CMM</b> <b>040/090</b>	<b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b>		<b>7.0</b>	454	1.8	200	<b>CMM</b> <b>040/090</b>	<b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b> <b>B5/B14</b>		
	<b>7.0</b>	454	1.8	200				<b>5.6</b>	544	1.3	250				
	<b>5.6</b>	544	1.3	250				<b>4.7</b>	596	1.6	300				
	<b>4.7</b>	596	1.6	300				<b>3.5</b>	731	1.1	400				
	<b>3.5</b>	731	1.1	400				<b>2.3</b>	1106	0.9	600				





**Motori applicabili**

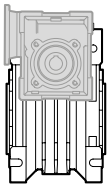
**IEC Motor adapters**



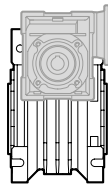
N.B.

Le aree evidenziate in grigio indicano l'applicabilità della corrispondente grandezza motore.  
Grey areas indicate motor inputs available on each size of unit.

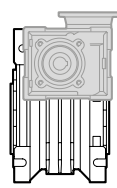
**B/BS = Boccia di riduzione in acciaio**  
**B/BS = Metal shaft sleeve**



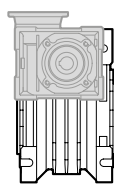
**US1**



**US2**

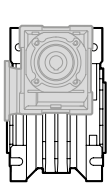


**UV1**

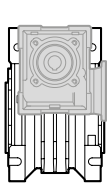


**UV2**

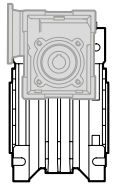
CMM	IEC	N	M	P	D	i <sub>1</sub>								
						10	15	20	30	40	50	60		
<b>026/026</b>	<b>56B14</b>	50	65	80	9									



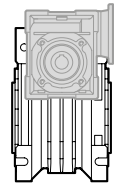
**UB1**



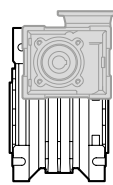
**UB2**



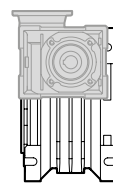
**US1**



**US2**

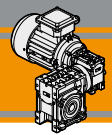


**UV1**



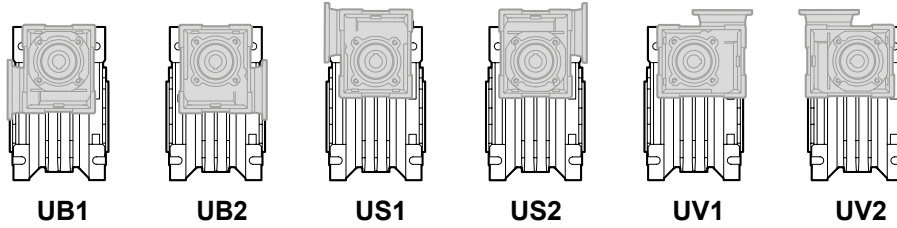
**UV2**

CMM	IEC	N	M	P	D	i <sub>1</sub>								
						10	15	20	30	40	50	60		
<b>026/030</b> <b>026/040</b> <b>026/050</b>	<b>56B14</b>	50	65	80	9									

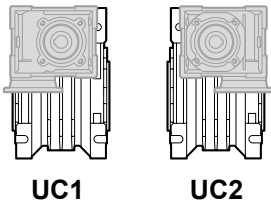


Motori applicabili

IEC Motor adapters

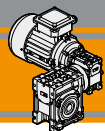


CMM	IEC	N	M	P	D	i <sub>1</sub>								
						7.5	10	15	20	25	30	40	50	60
030/040 030/050 030/063	63B5	95	115	140	11									
	63B14	60	75	90	11									
	56B5	80	100	120	9	B	B	B	B	B	B	B	B	
	56B14	50	65	80	9									
040/063 040/070 040/075 040/090	71B5 (*)	110	130	160	14									
	71B14	70	85	105	14									
	63B5	95	115	140	11	B	B	B	B	B	B	B		
	63B14	60	75	90	11									
	56B5	80	100	120	9	BS	BS	BS	BS	BS	BS	BS	B	B
	56B14	50	65	80	9									
050/110	80B5	130	165	200	19									
	80B14	80	100	120	19									
	71B5	110	130	160	14	B	B	B	B	B	B			
	71B14	70	85	105	14									
	63B5	95	115	140	11	BS	BS	BS	BS	BS	BS	B	B	B
	63B14	60	75	90	11									
063/130	90B5	130	165	200	24									
	90B14	95	115	140	24									
	80B5	130	165	200	19	B	B	B	B	B	B			
	80B14	80	100	120	19									
	71B5	110	130	160	14	BS	BS	BS	BS	BS	BS	B	B	B
	71B14	70	85	105	14									
	63B5	95	115	140	11							BS	BS	BS
	63B14	60	75	90	11									



(\*) NOTA: posizione di montaggio non disponibile per CMM 040/090.  
NOTE: assembly position not available for CMM 040/090.

CMM	IEC	N	M	P	D	i <sub>1</sub>								
						7.5	10	15	20	25	30	40	50	60
030/040 030/050	63B14	60	75	90	11									
	56B5	80	100	120	9	B	B	B	B	B	B	B	B	
	56B14	50	65	80	9									
030/063	63B5	95	115	140	11									
	63B14	60	75	90	11									
	56B5	80	100	120	9	B	B	B	B	B	B	B		
	56B14	50	65	80	9									
040/063 040/070 040/075 040/090	71B5	110	130	160	14									
	71B14	70	85	105	14									
	63B5	95	115	140	11	B	B	B	B	B	B	B		
	63B14	60	75	90	11									
	56B5	80	100	120	9	BS	BS	BS	BS	BS	BS	BS	B	B
	56B14	50	65	80	9									
050/110	80B14	80	100	120	19									
	71B5	110	130	160	14	B	B	B	B	B	B			
	71B14	70	85	105	14									
	63B5	95	115	140	11	BS	BS	BS	BS	BS	BS	B	B	B
063/130	63B14	60	75	90	11									
	90B14	95	115	140	24									
	80B14	80	100	120	19	B	B	B	B	B	B			
	71B5	110	130	160	14	BS	BS	BS	BS	BS	BS	B	B	B
	71B14	70	85	105	14									
63B5	95	115	140	11							BS	BS	BS	



**CMM**

Motoriduttori combinati a vite senza fine  
Double reduction wormgearmotors

**Dimensioni**

**Dimensions**

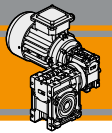
CMM..U - CMM..F...																	
	A	C	D <sub>H8</sub>	E	F	G	G1	H	H1	I	I1	K	L	M	N <sub>h8</sub>	N1	N2
026/026 (D11)	45	70	11	83	22	47.5	50	35	34	26	26	34	42	55	45	22.5	21
026/026			12														
026/026 (D14)			14														
026/030	54	80	14	97	32	47.5	63	40	34	30	26	44	56	65	55	29	21
026/040	70	100	18	121.5	43	47.5	78	50	34	40	26	60	71	75	60	36.5	21
026/050	80	120	25	144	49	47.5	92	60	34	50	26	70	85	85	70	43.5	21

CMM..U - CMM..F...														
	O	P	Q	R	R1	S	T	V	Z	KE	a	b	t	Kg
026/026 (D11)	6	—	37	49	49	5	15	21	76	7	—	4	12.8	1.6
026/026												4	13.8	
026/026 (D14)												5	16.2	
026/030	6.5	75	44	57	49	5.5	22	27	81	M6x10(n.4)	90°	5	16.3	2.4
026/040	6.5	87	55	71.5	49	6.5	26	35	91.5	M6x8(n.4)	45°	6	20.8	3.5
026/050	8.5	98	64	84	49	7	30	40	100.5	M8x10(n.4)	45°	8	28.3	5.0

	CMM..F							CMM..F28							CMM..F30										
	a1	KA	KB	KC	KM	KN <sub>H8</sub>	KO	KP	KQ	KA	KB	KC	KM	KN <sub>H8</sub>	KO	KP	KQ	KA	KB	KC	KM	KN <sub>H8</sub>	KO	KP	KQ
026/026 (D11)	45°	45	6	4.5	55-69	40	6.5(n.4)	75	70	44	6.5	5	56-64	40	6.5	70	60	48	6.5	5	68	50	6.5	80	70
026/026																									
026/026 (D14)																									

	CMM..F							CMM..FB							CMM..FL										
	a1	KA	KB	KC	KM	KN <sub>H8</sub>	KO	KP	KQ	KA	KB	KC	KM	KN <sub>H8</sub>	KO	KP	KQ	KA	KB	KC	KM	KN <sub>H8</sub>	KO	KP	KQ
026/030	45°	54.5	6	4	68	50	6.5(n.4)	80	70								—								
026/040	45°	67	7.5	4.5	80-95	60	9(n.4)	110	95	80	8.5	5	115-125	95	9.5(n.4)	140	112	97	7.5	4.5	80-95	60	9(n.4)	110	95
026/050	45°	90	9	5	90-110	70	11(n.4)	125	110	89	9	5	130-145	110	9.5(n.4)	160	132	120	9	5	90-110	70	11(n.4)	125	110

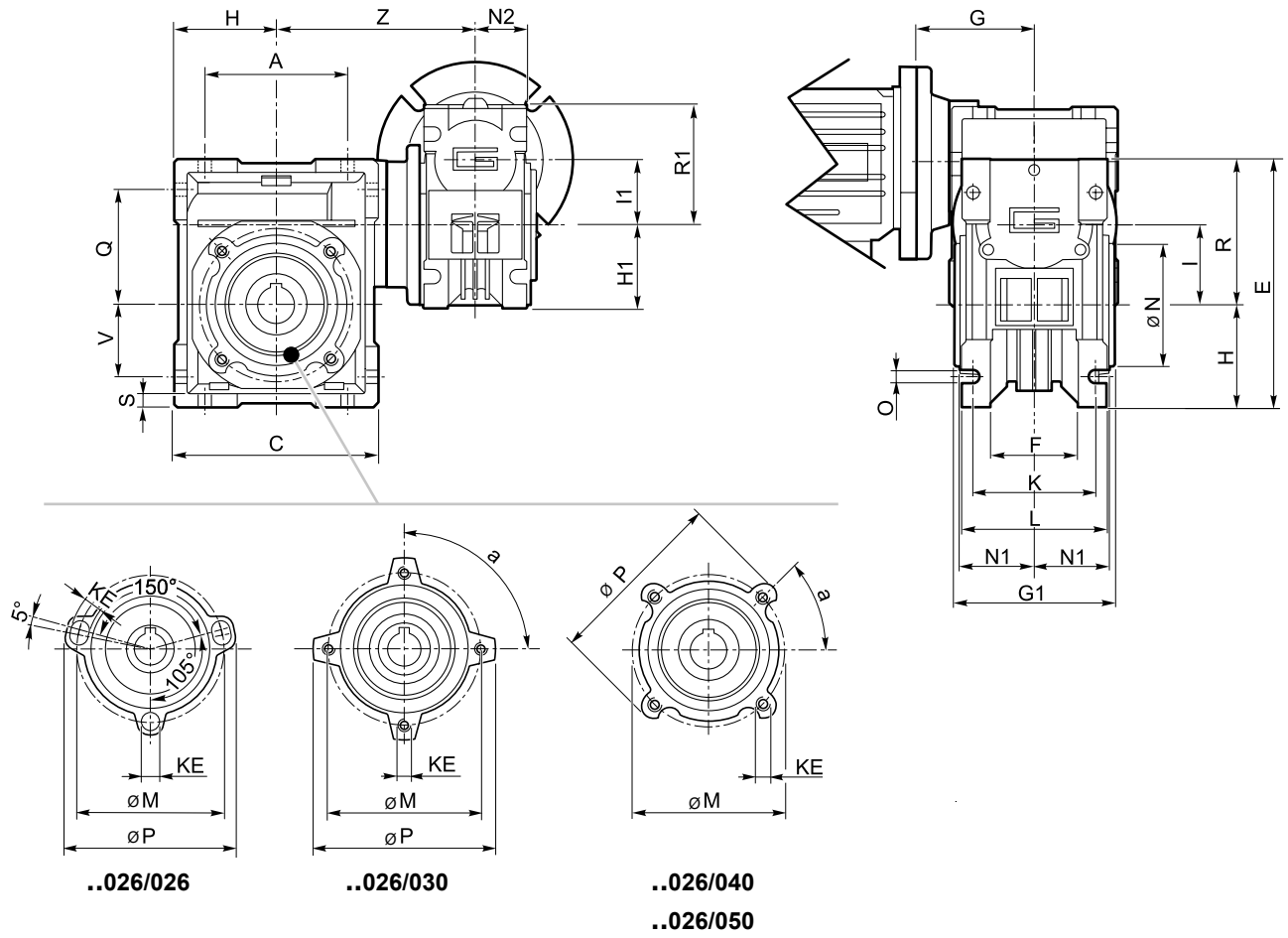
CMMIS						
	A	B	D1 <sub>j6</sub>	E	F	M
026/026	45	20	9	M4	3	10.2
026/030						
026/040						
026/050						



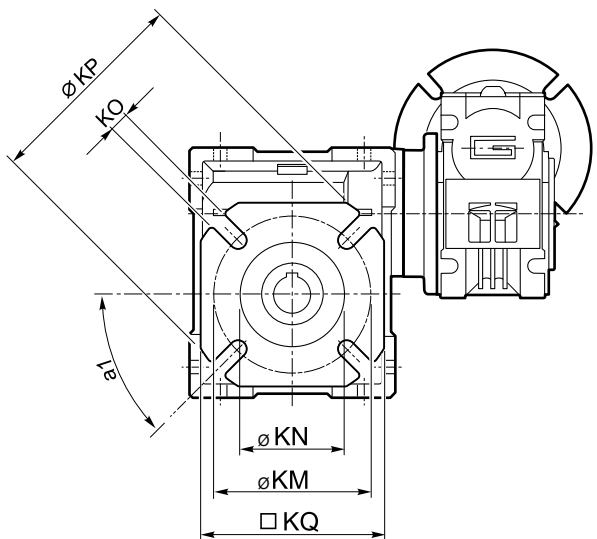
Dimensioni

Dimensions

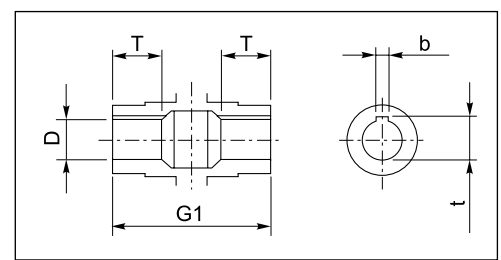
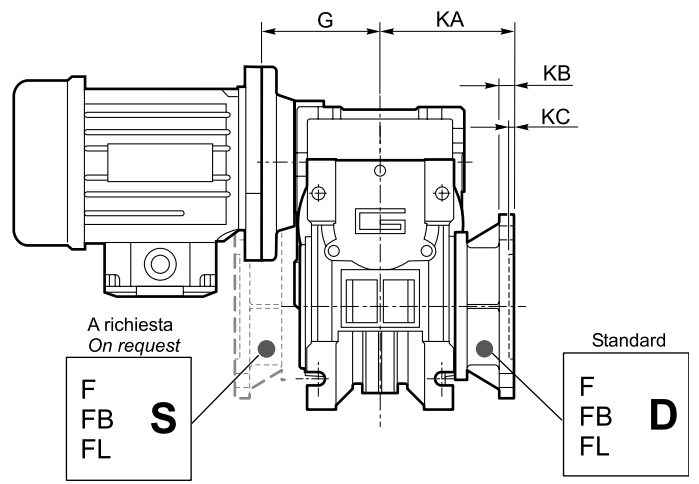
**CMM026/..U**



**CMM**

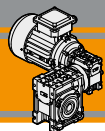


**CMM026/026 F - F28 - F30**  
**CMM026/..F - FB - FL**



Albero lento cavo / Hollow output shaft





**CMM**

Motoriduttori combinati a vite senza fine  
Double reduction wormgearmotors

**Dimensioni**

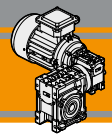
**Dimensions**

CMM.. - CMM..F - CMM..FB - CMM..FL																	
	A	C	D <sub>H8</sub>	E	F	G	G1	H	H1	I	I1	K	L	M	N <sub>H8</sub>	N1	N2
030/040	70	100	18	121.5	43	55	78	50	40	40	30	60	71	75	60	36.5	29
030/050	80	120	25	144	49	55	92	60	40	50	30	70	85	85	70	43.5	29
030/063	100	144	25	174	67	55	112	72	40	63	30	85	104	95	80	53	29
040/063	100	144	25	174	67	55	112	72	50	63	40	85	104	95	80	53	36.5
040/070	110	160	28	195	64	70	120	80	50	70	40	90	104	115	95	57	36.5
040/075	120	172	28	205	72	70	120	86	50	75	40	90	112	115	95	57	36.5
040/090	140	208	35	238	74	70	140	103	50	90	40	100	130	130	110	67	36.5
050/110	170	252.5	42	295	—	80	155	127.5	60	110	50	115	144	165	130	74	43.5
063/130	200	292.5	45	335	—	95	170	147.5	72	130	63	120	155	215	180	81	53

CMM.. - CMM..F - CMM..FB - CMM..FL															
	O	P	Q	R	R1	S	T	V	Z	KE	a	b	t	Kg	
030/040	6.5	87	55	71.5	57	6.5	26	35	122	M6x8(n.4)	45°	6	20.8 (21.8)	3.9	
030/050	8.5	98	64	84	57	7	30	40	132	M8x14(n.4)	45°	8	28.3 (27.3)	5.0	
030/063	8.5	110	80	102	57	8	36	50	145	M8x10(n.8)	45°	8	28.3	7.5	
040/063	8.5	110	80	102	71.5	8	36	50	155.5	M8x10(n.8)	45°	8	28.3	9.2	
040/070	9	130	91	115	71.5	9	40	55	160	M8x14(n.8)	45°	8	31.3	10.5	
040/075	11	140	93	119	71.5	10	40	60	165	M8x14(n.8)	45°	8	31.3	12.0	
040/090	13	160	102	135	71.5	11	45	70	182	M10x18(n.8)	45°	10	38.3	15.6	
050/110	14	200	125	167.5	84	14	50	85	225	M10x18(n.8)	45°	12	45.3	30.2	
063/130	16	250	140	187.5	102	15	60	100	245	M12x21(n.8)	45°	14	48.8	55.0	

	CMM..F								CMM..FB								CMM..FL								
	a1	KA	KB	KC	KM	KN <sub>H8</sub>	KO	KP	KQ	KA	KB	KC	KM	KN <sub>H8</sub>	KO	KP	KQ	KA	KB	KC	KM	KN <sub>H8</sub>	KO	KP	KQ
030/040	45°	67	7.5	4	80-95	60	9(n.4)	110	95	80	8.5	5	115-125	95	9.5(n.4)	140	112	97	7.5	4.5	80-95	60	9(n.4)	110	95
030/050	45°	90	9	5	90-110	70	11(n.4)	125	110	89	9	5	130-145	110	9.5(n.4)	160	132	120	9	5	90-110	70	11(n.4)	125	110
030/063	45°	82	10	6	150-160	115	11(n.4)	180	142	98	10	5	165-180	130	11(n.4)	200	160	112	10	6	150-160	115	11(n.4)	180	142
040/063	45°	82	10	6	150-160	115	11(n.4)	180	142	98	10	5	165-180	130	11(n.4)	200	160	112	10	6	150-160	115	11(n.4)	180	142
040/070	45°	111	13	6	165-180	130	14(n.4)	200	170	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
040/075	45°	111	13	6	165-180	130	14(n.4)	200	170	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
040/090	45°	111	13	6	175-190	152	14(n.4)	210	200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
050/110	45°	131	15	6	230	170	14(n.8)	280	260	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
063/130	22.5°	140	15	6	255	180	16(n.8)	320	290	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

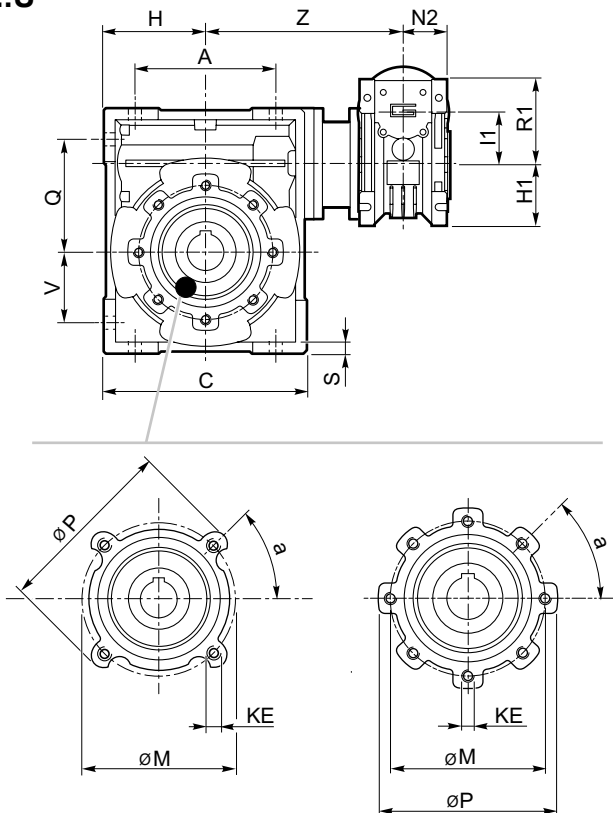
CMMIS						
	A	B	D1 <sub>j6</sub>	E	F	M
030/040 030/050 030/063	51	20	9	M4	3	10.2
040/063 040/070 040/075 040/090	66	23	11	M5	4	12.5
050/110	76	30	14	M6	5	16
063/130	94.5	40	19	M6	6	21.5



**Dimensioni**

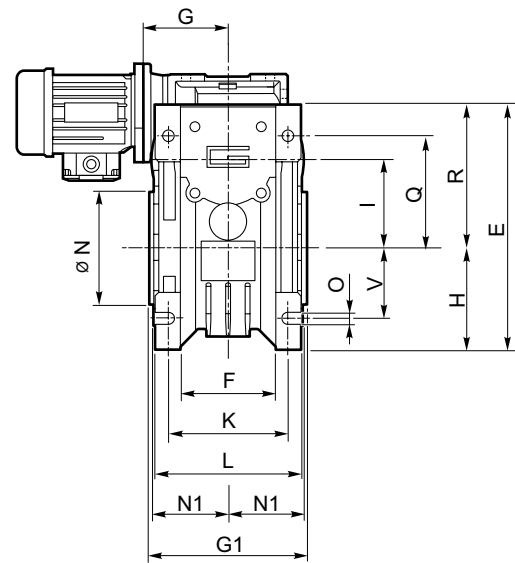
**Dimensions**

**CMM..U**

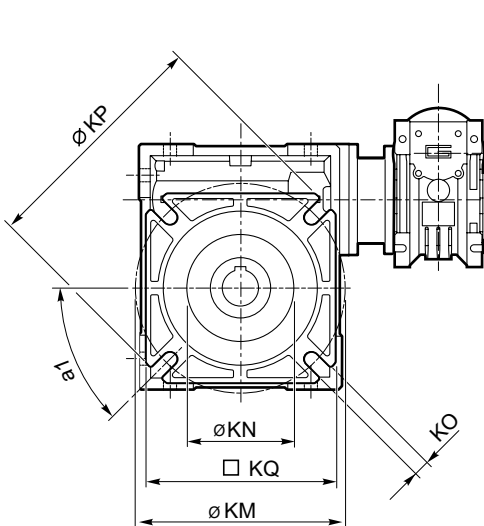


..030/040  
..030/050

..030/063 ..040/063  
..040/070 ..040/075  
..040/090 ..050/110  
..063/130



**CMM**



**CMM..F** (../030 - ../090)

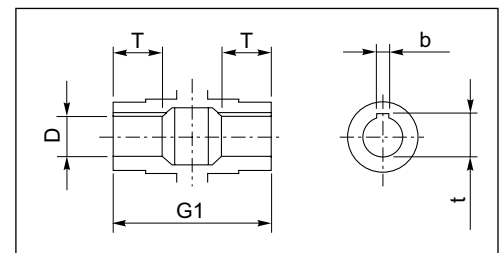
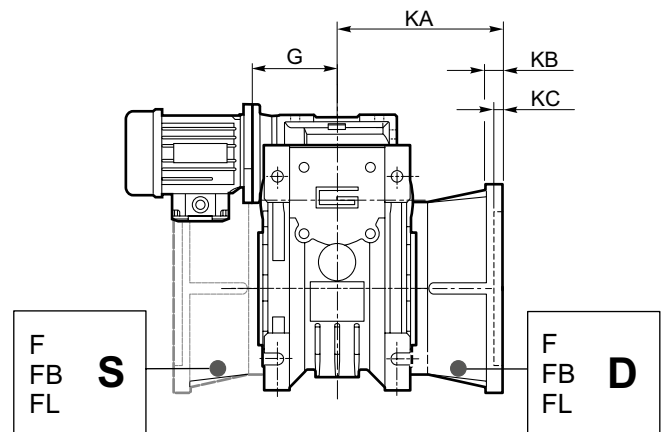
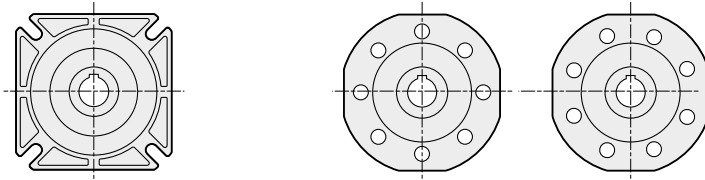
**CMM..FB** (../040 - ../063)

**CMM..FL** (../040 - ../063)

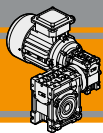
**CMM..F**

(../110

../130)



Albero lento cavo / Hollow output shaft



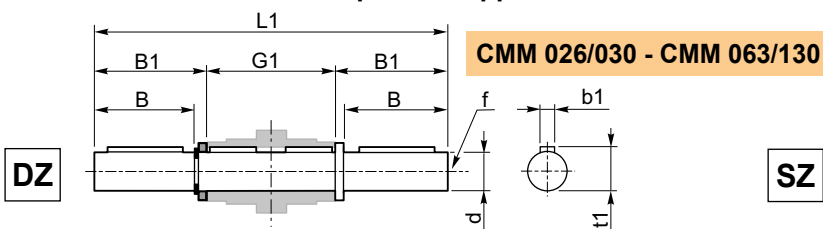
**CMM**

Motoriduttori combinati a vite senza fine  
Double reduction wormgearmotors

Accessori

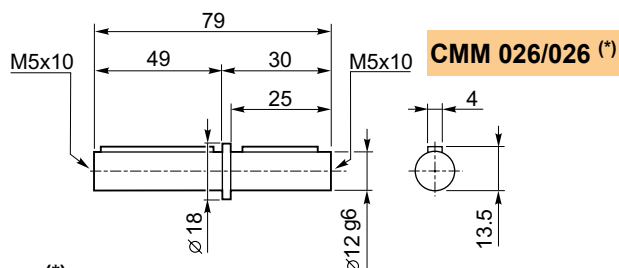
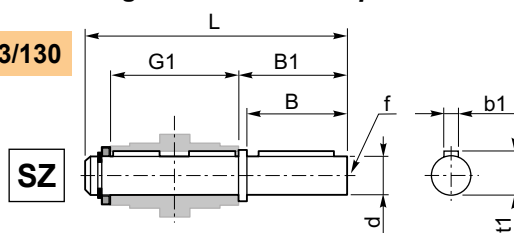
Accessories

**Albero lento semplice e doppio**



CMM	d <sub>h7</sub>	B	B1	G1	L	L1	f	b1	t1
026/030	14	30	32.5	63	102	128	M6	5	16
026/040	18	40	43	78	128	164	M6	6	20.5
026/050	25	50	53.5	92	153	199	M10	8	28
030/063	25	50	53.5	112	173	219	M10	8	28
040/070	28	60	63.5	120	192	247	M10	8	31
040/075	28	60	63.5	120	192	247	M10	8	31
040/090	35	80	84.5	140	234	309	M12	10	38
050/110	42	80	84.5	155	249	324	M16	12	45
063/130	45	80	85	170	265	340	M16	14	48.5

**Single and double output shaft**

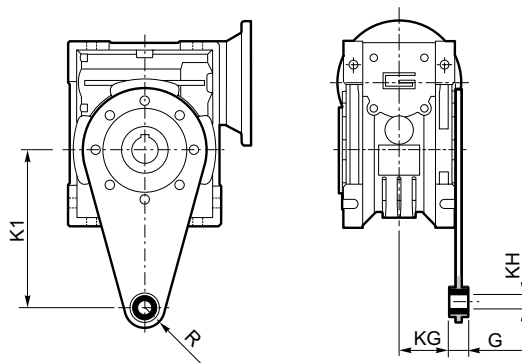


(\*)  
Nota: disponibile solo per cavo uscita Ø12  
Note: available for output hollow shaft Ø12 only

**Braccio di reazione**

CMM	K1	G	KG	KH	R
026/030	85	14	23	8	15
026/040	100	14	31	10	18
026/050	100	14	38	10	18
030/063	150	14	47.5	10	18
040/070	200	25	46.5	20	30
040/075	200	25	46.5	20	30
040/090	200	25	56.5	20	30
050/110	250	30	62	25	35
063/130	250	30	69	25	35

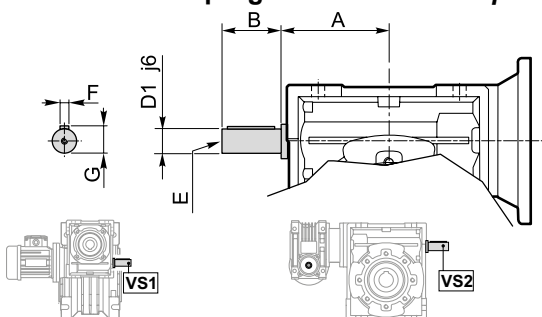
**Torque arm**



Opzioni

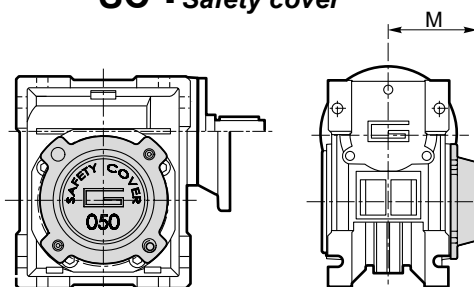
Options

**VS1 - VS2 - Vite sporgente / Extended input shaft**



CMM	VS1						VS2					
	A	B	D <sub>1</sub> j <sub>6</sub>	E	F	G	A	B	D <sub>1</sub> j <sub>6</sub>	E	F	G
026/030	—	—	—	—	—	—	45	20	9	M4	3	10.2
026/040	—	—	—	—	—	—	53	23	11	M5	4	12.5
026/050	—	—	—	—	—	—	64	30	14	M6	5	16
030/040	45	20	9	M4	3	10.2	53	23	11	M5	4	12.5
030/050	45	20	9	M4	3	10.2	64	30	14	M6	5	16
030/063	45	20	9	M4	3	10.2	75	40	19	M6	6	21.5
040/063	53	23	11	M5	4	12.5	75	40	19	M6	6	21.5
040/070	53	23	11	M5	4	12.5	84	40	19	M6	6	21.5
040/075	53	23	11	M5	4	12.5	90	50	24	M8	8	27
040/090	53	23	11	M5	4	12.5	108	50	24	M8	8	27
050/110	64	30	14	M6	5	16	135	60	28	M10	8	31
063/130	75	40	19	M6	6	21.5	—	—	—	—	—	—

**SC - Safety cover**



M	CM									
	30	40	50	63	70	75	90	110	130	
	47	54.5	62.5	73	75	79	94	102	117	

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