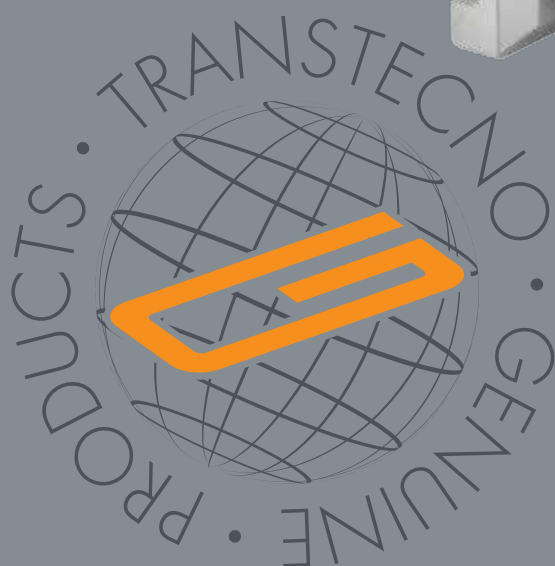
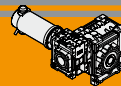


MOTORIDUTTORI C.C. COMBINATI

PERMANENT MAGNETS D.C. COMBINATION GEARMOTORS

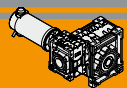




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**ECMM****MOTORIDUTTORI C.C. COMBINATI**
PERMANENT MAGNETS D.C. COMBINATION GEARMOTORS**Caratteristiche tecniche****Technical features**

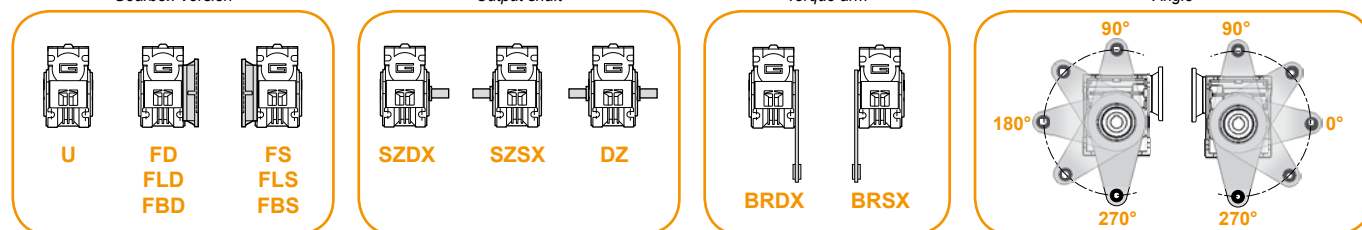
Le caratteristiche principali dei motoriduttori a corrente continua della serie ECMM sono:

The main features of ECMM DC gearmotor range are:

- Alimentazione in bassa tensione 12/24Vcc
- Possibilità di montaggio encoder
- Potenze motore disponibili da 100 a 800W S2
- Magneti in ferrite
- Carcassa in pressofusione di alluminio nelle grandezze 026, 030, 040, 050, 063, 075, 090 e 110. La grandezza 130 è costruita con carcassa in ghisa
- Lubrificazione permanente con olio sintetico
- Low voltage power supply 12/24Vdc
- Suitable for encoder assembly
- Motor power ratings available from 100 up to 800W S2
- Ferrite magnets
- Die cast aluminium housing on sizes 026, 030, 040, 050, 063, 075, 090 and 110. Cast iron housing on size 130
- Permanent synthetic oil long life lubrication

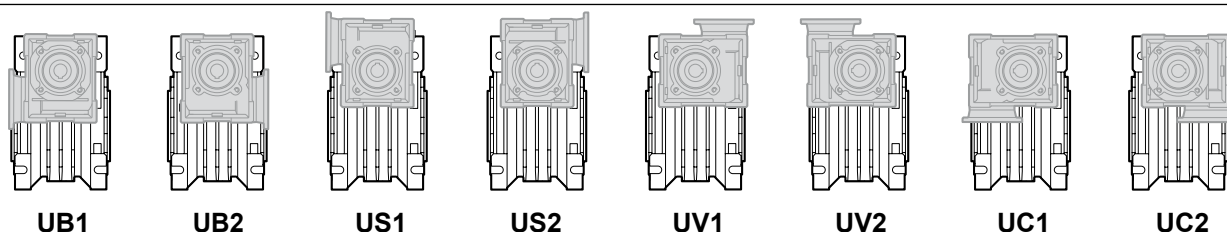
Designazione**Classification**

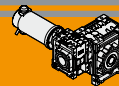
MOTORIDUTTORE / GEARMOTOR															
ECMM	100/026/026					U	150	SZDX	BRSX	90	B3	UB1	120	VS1	
Tipo Type	Grandezza Size					Versione Version	Rapporto Ratio	Albero di uscita Output shaft	Braccio di reazione Torque arm	Angolo Angle	Pos. di montaggio Mounting position	Esecuzione di montaggio Mounting execution	Versione motore Motor version	Opzioni Options	
	ECMM	070/026/026	100/026/026	180/026/040	250/030/040	350/030/040	U	vedi tabelle	SZDX	BRDX	0°	B3	UB1	120	VS1 VS2
	070/026/030	100/026/030	180/026/050	250/030/050	350/030/050	FD	SZSX		BRSX	90°	B8	UB2	240		
	070/026/040	100/026/040	180/030/040	250/030/063	350/030/063	FS	see tables	DZ		180°	B6	US1	24E		
	070/026/050	100/026/050	180/030/050	250/040/075	350/040/075	FLD				270°	B7	US2			
	070/030/040	100/030/040	180/030/063	250/040/090	350/040/090	FLS					V5	UV1			
	070/030/050	100/030/050	180/040/075	250/050/110	350/050/110	FBD				V6	UV2				
	070/030/063	100/030/063	180/040/090		350/063/130	FBS					UC1				
	070/040/075	100/040/075	180/050/110								UC2				
	070/040/090	100/040/090													
					600/040/075										
					600/040/090										
					600/050/110										
					600/063/130										

Versione Riduttore
Gearbox VersionAlbero di uscita
Output shaftBraccio di reazione
Torque armAngolo
Angle**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 in uscita in funzione di P_1 / Output torque referred to P_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

Esecuzioni di montaggio**Mounting executions**



Combinazioni rapporti

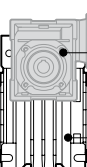
Combination ratio

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

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

Lubrificazione

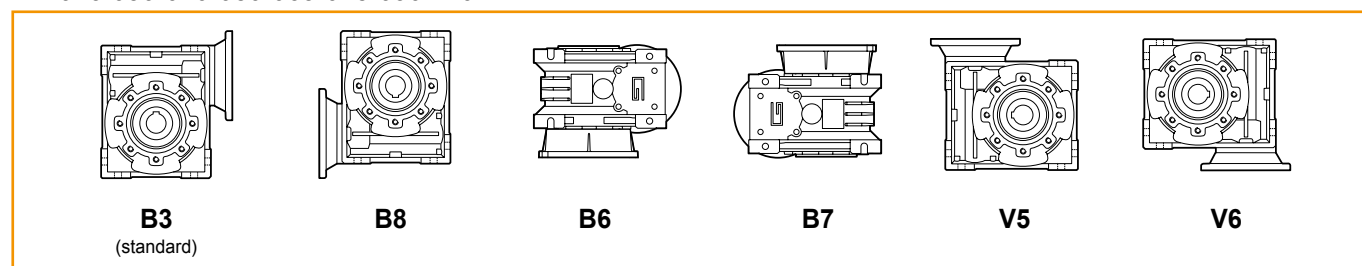
Lubrication



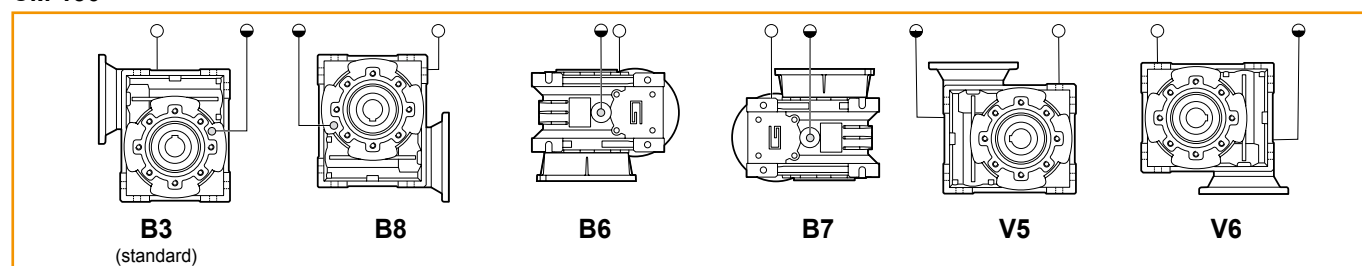
CMM												
	026/026	026/030	026/040	026/050	030/040	030/050	030/063	040/075	040/090	050/110	063/130	
1	026				030			040		050	063	
	Lubrificazione a vita / Life lubricated											
2	026	030	040	050	040	050	063	075	090	110	130	
	Lubrificazione a vita / Life lubricated											

Posizioni di montaggio / Mounting positions

CM 026-030-040-050-063-075-090-110



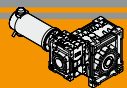
CM 130



○ Sfiato e tappo di riempimento / Breather and filling plug
 ● Livello olio / Oil level plug

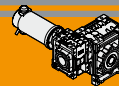
Quantità di olio (litri) / Oil quantity (litres)						
	B3	B8	B6	B7	V5	V6
CM026				0.02		
CM030				0.03		
CM040				0.07		
CM050				0.1		
CM063				0.25		
CM075				0.4		
CM090				0.7		
CM110				1.1		
CM130	4.5	3.3	3.5	3.5	4.5	3.3

Lubrificati a vita
 Life lubrication

**ECMM****MOTORIDUTTORI C.C. COMBINATI**
PERMANENT MAGNETS D.C. COMBINATION GEARMOTORS**Dati tecnici per servizio S2****Technical data for S2 duty**

P_1 [W]	n_2 [min ⁻¹]	M_2 [Nm]	sf	i		Versione motore Motor version	P_1 [W]	n_2 [min ⁻¹]	M_2 [Nm]	sf	i		Versione motore Motor version
100							100						
(3000 min ⁻¹)	20.0	26	1.0	150	ECMM 070/026/026	120/240	(3000 min ⁻¹)	40.0	15	5.5	75	ECMM 070/030/040	120/240
	13.3	26	1.0	225				30.0	20	4.2	100		
	10.0	27	1.0	300				20.0	28	3.2	150		
	6.7	27	1.0	450				15.0	36	2.1	200		
	5.0	27	1.0	600				12.0	43	1.6	250		
	3.3	27	1.0	900				10.0	46	2.0	300		
	2.5	27	1.0	1200				7.5	55	1.3	400		
	2.0	27	1.0	1500				6.0	63	1.1	500		
	1.7	27	1.0	1800				5.0	86	1.0	600		
	1.3	22	1.0	2400				4.0	103	0.9	750		
	1.0	20	1.0	3000				3.3	118	0.8	900		
	0.8	18	1.0	3600				2.5	74	1.0	1200		
								2.0	90	1.0	1500		
								1.7	90	1.0	1800		
	20.0	26	1.5	150	ECMM 070/026/030	120/240		1.3	74	1.0	2400	ECMM 070/030/050	120/240
	13.3	39	1.0	225				1.0	68	1.0	3000		
	10.0	40	1.0	300									
	6.7	40	1.0	450				15.0	36	3.8	200		
	5.0	40	1.0	600				12.0	43	2.9	250		
	3.3	40	1.0	900				10.0	46	3.5	300		
	2.5	40	1.0	1200				7.5	57	2.4	400		
	2.0	40	1.0	1500				6.0	64	2.0	500		
	1.7	40	1.0	1800				5.0	87	1.9	600		
	1.3	34	1.0	2400				4.0	105	1.5	750		
	1.0	30	1.0	3000				3.3	120	1.4	900		
	0.8	27	1.0	3600				2.5	146	0.9	1200		
								2.0	175	0.9	1500		
								1.7	201	0.8	1800		
	20.0	27	3.2	150	ECMM 070/026/040	120/240		1.3	135	1.0	2400	ECMM 070/030/063	120/240
	13.3	40	2.2	225				1.0	125	1.0	3000		
	10.0	45	2.0	300									
	6.7	66	1.4	450				4.0	109	2.8	750		
	5.0	85	1.1	600				3.3	124	2.5	900		
	3.3	90	1.0	900				2.5	149	1.7	1200		
	2.5	90	1.0	1200				2.0	181	1.7	1500		
	2.0	90	1.0	1500				1.7	208	1.5	1800		
	1.7	90	1.0	1800				1.3	249	1.0	2400		
	1.3	74	1.0	2400				1.0	288	0.8	3000		
	1.0	68	1.0	3000									
	0.8	62	1.0	3600				2.5	163	2.6	1200	ECMM 070/040/075	120/240
								2.0	202	2.5	1500		
								1.7	232	2.2	1800		
								1.3	280	1.5	2400		
	20.0	28	5.7	150	ECMM 070/026/050	120/240		1.0	325	1.2	3000	ECMM 070/040/090	120/240
	13.3	42	3.9	225									
	10.0	46	3.5	300				1.3	300	2.5	2400		
	6.7	67	2.4	450				1.0	350	1.8	3000		
	5.0	86	1.9	600									
	3.3	118	1.4	900									
	2.5	147	1.1	1200									
	2.0	162	1.0	1500									
	1.7	162	1.0	1800									
	1.3	135	1.0	2400									
	1.0	125	1.0	3000									
	0.8	113	1.0	3600									

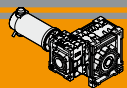
Nota: Verificare sempre che la coppia M_2 utilizzata non ecceda il valore indicato nelle caselle in grigio**Note:** Please check that the output torque M_2 does not exceed the value into the grey areas



Dati tecnici per servizio S2

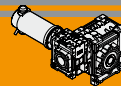
Technical data for S2 duty

P_1 [W]	n_2 [min ⁻¹]	M_2 [Nm]	sf	i		Versione motore Motor version	P_1 [W]	n_2 [min ⁻¹]	M_2 [Nm]	sf	i		Versione motore Motor version
140							140						
(3000 min ⁻¹)	20.0	26	1.0	150	ECMM 100/026/026	120/240	(3000 min ⁻¹)	40.0	21	3.9	75	ECMM 100/030/040	120/240
	13.3	26	1.0	225				30.0	28	3.0	100		
	10.0	27	1.0	300				20.0	38	2.3	150		
	6.7	27	1.0	450				15.0	50	1.5	200		
	5.0	27	1.0	600				12.0	59	1.1	250		
	3.3	27	1.0	900				10.0	63	1.4	300		
	2.5	27	1.0	1200				7.5	77	1.0	400		
	2.0	27	1.0	1500				6.0	87	0.8	500		
	1.7	27	1.0	1800				5.0	119	0.8	600		
	1.3	22	1.0	2400				4.0	90	1.0	750		
	1.0	20	1.0	3000				3.3	90	1.0	900		
	0.8	18	1.0	3600				2.5	74	1.0	1200		
	20.0	37	1.1	150	ECMM 100/026/030	120/240		2.0	90	1.0	1500		
	13.3	39	1.0	225				1.7	90	1.0	1800		
	10.0	40	1.0	300				1.3	74	1.0	2400		
	6.7	40	1.0	450				1.0	68	1.0	3000		
	5.0	40	1.0	600				15.0	50	2.7	200	ECMM 100/030/050	120/240
	3.3	40	1.0	900				12.0	59	2.1	250		
	2.5	40	1.0	1200				10.0	64	2.5	300		
	2.0	40	1.0	1500				7.5	78	1.7	400		
	1.7	40	1.0	1800				6.0	89	1.4	500		
	1.3	34	1.0	2400				5.0	121	1.3	600		
	1.0	30	1.0	3000				4.0	146	1.1	750		
	0.8	27	1.0	3600				3.3	166	1.0	900		
	20.0	38	2.3	150	ECMM 100/026/040	120/240		2.5	202	0.7	1200		
	13.3	55	1.6	225				2.0	243	0.7	1500		
	10.0	63	1.4	300				1.7	162	1.0	1800		
	6.7	92	1.0	450				1.3	135	1.0	2400		
	5.0	90	1.0	600				1.0	125	1.0	3000		
	3.3	90	1.0	900				6.0	92	2.5	500	ECMM 100/030/063	120/240
	2.5	90	1.0	1200				5.0	125	2.5	600		
	2.0	90	1.0	1500				4.0	151	2.1	750		
	1.7	90	1.0	1800				3.3	172	1.8	900		
	1.3	74	1.0	2400				2.5	206	1.3	1200		
	1.0	68	1.0	3000				2.0	252	1.2	1500		
	0.8	62	1.0	3600				1.7	288	1.1	1800		
	20.0	39	4.1	150	ECMM 100/026/050	120/240		1.3	346	0.8	2400		
	13.3	58	2.8	225				1.0	232	1.0	3000		
	10.0	64	2.5	300				3.3	188	2.7	900	ECMM 100/040/075	120/240
	6.7	93	1.7	450				2.5	226	1.9	1200		
	5.0	120	1.4	600				2.0	280	1.8	1500		
	3.3	164	1.0	900				1.7	322	1.6	1800		
	2.5	162	1.0	1200				1.3	388	1.1	2400		
	2.0	162	1.0	1500				1.0	451	0.8	3000		
	1.7	162	1.0	1800				1.7	337	2.6	1800	ECMM 100/040/090	120/240
	1.3	135	1.0	2400				1.3	415	1.8	2400		
	1.0	125	1.0	3000				1.0	485	1.3	3000		
	0.8	113	1.0	3600									

**ECMM****MOTORIDUTTORI C.C. COMBINATI**
PERMANENT MAGNETS D.C. COMBINATION GEARMOTORS**Dati tecnici per servizio S2****Technical data for S2 duty**

P_1 [W]	n_2 [min ⁻¹]	M_2 [Nm]	sf	i		Versione motore Motor version	P_1 [W]	n_2 [min ⁻¹]	M_2 [Nm]	sf	i		Versione motore Motor version								
250							250														
(3000 min ⁻¹)	20.0	70	1.2	150	ECMM 180/026/040	120/240	(3000 min ⁻¹)	12.0	115	3.3	250	ECMM 180/040/075	120/240/24E								
	13.3	103	0.8	225				10.0	132	3.9	300										
	10.0	116	0.8	300				7.5	159	2.7	400										
	20.0	73	2.2	150				6.0	184	2.0	500										
	13.3	108	1.5	225				5.0	251	2.0	600										
	10.0	118	1.4	300				4.0	302	1.7	750										
	6.7	173	0.9	450	3.3	349		1.5	900	2.5	421	1.0	1200	2.0	522	1.0	1500				
	5.0	223	0.7	600	1.7	599		0.9	1800	1.3	432	1.0	2400	1.0	378	1.0	3000				
	40.0	40	2.1	75	ECMM 180/030/040	120/240/24E		5.0	263	3.3	600	ECMM 180/040/090	120/240/24E								
	30.0	52	1.6	100				4.0	317	2.8	750										
	20.0	71	1.2	150				3.3	366	2.4	900										
	15.0	92	0.8	200				2.5	451	1.7	1200										
	12.0	67	1.0	250				2.0	546	1.6	1500										
	10.0	90	1.0	300				1.7	627	1.4	1800										
	7.5	74	1.0	400				1.3	773	1.0	2400										
	6.0	68	1.0	500				1.0	903	0.7	3000										
	5.0	90	1.0	600				3.3	376	3.9	900			ECMM 180/050/110	24E						
	4.0	90	1.0	750				2.5	487	2.7	1200					120/240/24E					
	3.3	90	1.0	900				2.0	571	2.6	1500						120/240/24E				
	40.0	40	3.9	75				1.7	656	2.3	1800							120/240/24E			
	30.0	52	3.0	100	1.3	849		1.6	2400	120/240/24E											
	20.0	74	2.2	150	1.0	996		1.2	3000		120/240/24E										
	15.0	94	1.5	200	3.3	162		1.0	750			ECMM 180/030/050	120/240/24E								
	12.0	110	1.1	250	2.5	135		1.0	1200												
	10.0	120	1.4	300	2.0	162		1.0	1500												
	7.5	146	0.9	400	1.7	162		1.0	1800												
	6.0	165	0.8	500	15.0	92		2.8	200	ECMM 180/030/063				120/240/24E							
	5.0	226	0.7	600	12.0	108		2.1	250												
4.0	162	1.0	750	10.0	124	2.5	300														
3.3	162	1.0	900	7.5	149	1.7	400														
2.5	135	1.0	1200	6.0	172	1.3	500														
2.0	162	1.0	1500	5.0	233	1.3	600														
1.7	162	1.0	1800	4.0	281	1.1	750														
15.0	92	2.8	200	3.3	320	1.0	900														
12.0	108	2.1	250	2.5	384	0.7	1200														
10.0	124	2.5	300	2.0	468	0.7	1500														
7.5	149	1.7	400	1.7	310	1.0	1800														
6.0	172	1.3	500	1.3	260	1.0	2400														
5.0	233	1.3	600	1.0	232	1.0	3000														
4.0	281	1.1	750																		
3.3	320	1.0	900																		
2.5	384	0.7	1200																		
2.0	468	0.7	1500																		
1.7	310	1.0	1800																		
1.3	260	1.0	2400																		
1.0	232	1.0	3000																		
250							350														
(3000 min ⁻¹)	40.0	40	3.9	75	ECMM 180/030/050	120/240/24E	(3000 min ⁻¹)	12.0	115	3.3	250	ECMM 180/040/090	120/240/24E								
	30.0	52	3.0	100				10.0	132	3.9	300										
	20.0	74	2.2	150				7.5	159	2.7	400										
	15.0	94	1.5	200				6.0	184	2.0	500										
	12.0	110	1.1	250				5.0	251	2.0	600										
	10.0	120	1.4	300				4.0	302	1.7	750										
	7.5	146	0.9	400				3.3	349	1.5	900										
	6.0	165	0.8	500				2.5	421	1.0	1200										
	5.0	226	0.7	600				2.0	522	1.0	1500										
	4.0	162	1.0	750				1.7	599	0.9	1800										
	3.3	162	1.0	900				1.3	432	1.0	2400										
	2.5	135	1.0	1200				1.0	378	1.0	3000										
	2.0	162	1.0	1500	5.0	263		3.3	600	ECMM 180/050/110	24E										
	1.7	162	1.0	1800	4.0	317		2.8	750			120/240/24E									
	15.0	92	2.8	200	3.3	366		2.4	900				120/240/24E								
	12.0	108	2.1	250	2.5	451		1.7	1200					120/240/24E							
	10.0	124	2.5	300	2.0	546		1.6	1500						120/240/24E						
	7.5	149	1.7	400	1.7	627		1.4	1800							120/240/24E					
	6.0	172	1.3	500	1.3	773		1.0	2400								120/240/24E				
	5.0	233	1.3	600	1.0	903		0.7	3000									120/240/24E			
	4.0	281	1.1	750	3.3	376		3.9	900										120/240/24E		
	3.3	320	1.0	900	2.5	487		2.7	1200											120/240/24E	
	2.5	384	0.7	1200	2.0	571		2.6	1500												120/240/24E
	2.0	468	0.7	1500	1.7	656		2.3	1800												
	1.7	310	1.0	1800	1.3	849		1.6	2400	120/240/24E											
	1.3	260	1.0	2400	1.0	996		1.2	3000		120/240/24E										
	1.0	232	1.0	3000	3.3	162		1.0	750			ECMM 180/030/063	120/240/24E								
					2.5	135		1.0	1200												
				2.0	162	1.0	1500														
				1.7	162	1.0	1800														
				15.0	92	2.8	200														
				12.0	108	2.1	250														
				10.0	124	2.5	300														
				7.5	149	1.7	400														
				6.0	172	1.3	500														
				5.0	233	1.3	600														
				4.0	281	1.1	750														
				3.3	320	1.0	900														
				2.5	384	0.7	1200														
				2.0	468	0.7	1500														
				1.7	310	1.0	1800														
				1.3	260	1.0	2400														
				1.0	232	1.0	3000														
350							250														
(3000 min ⁻¹)	40.0	40	3.9	75	ECMM 180/030/063	120/240/24E	(3000 min ⁻¹)	12.0	115	3.3	250	ECMM 180/040/090	120/240/24E								
	30.0	52	3.0	100				10.0	132	3.9	300										
	20.0	74	2.2	150				7.5	159	2.7	400										
	15.0	94	1.5	200				6.0	184	2.0	500										
	12.0	110	1.1	250				5.0	251	2.0	600										
	10.0	120	1.4	300				4.0	302	1.7	750										
	7.5	146	0.9	400				3.3	349	1.5	900										
	6.0	165	0.8	500				2.5	421	1.0	1200										
	5.0	226	0.7	600				2.0	522	1.0	1500										
	4.0	162	1.0	750				1.7	599	0.9	1800										
	3.3	162	1.0	900				1.3	432	1.0	2400										
	2.5	135	1.0	1200				1.0	378	1.0	3000										
	2.0	162	1.0	1500	5.0	263		3.3	600	ECMM 180/050/110	24E										
	1.7	162	1.0	1800	4.0	317		2.8	750			120/240/24E									
	15.0	92	2.8	200	3.3	366		2.4	900				120/240/24E								
	12.0	108	2.1	250	2.5	451		1.7	1200					120/240/24E							
	10.0	124	2.5	300	2.0	546		1.6	1500						120/240/24E						
	7.5	149	1.7	400	1.7	627		1.4	1800							120/240/24E					
	6.0	172	1.3	500	1.3	773		1.0	2400								120/240/24E				
	5.0	233	1.3	600	1.0	903		0.7	3000									120/240/24E			
	4.0	281	1.1	750	3.3	376		3.9	900										120/240/24E		
	3.3	320	1.0	900	2.5	487		2.7	1200											120/240/24E	
	2.5	384	0.7	1200	2.0	571		2.6	1500												120/240/24E
	2.0	468	0.7	1500	1.7	656		2.3	1800												
	1.7	310	1.0	1800	1.3	849		1.6	2400	120/240/24E											
	1.3	260	1.0	2400	1.0	996		1.2	3000		120/240/24E										
	1.0	232	1.0	3000	3.3	162		1.0	750			ECMM 180/030/063	120/240/24E								
					2.5	135		1.0	1200												
				2.0	162	1.0	1500														
				1.7	162	1.0	1800														
				15.0	92	2.8	200														
				12.0	108	2.1	250														
				10.0	124	2.5	300														
				7.5	149	1.7	400														
				6.0	172	1.3	500														
				5.0	233	1.3	600														
				4.0	281	1.1	750														
				3.3	320	1.0	900														
				2.5	384	0.7	1200														
				2.0	468	0.7	1500														
				1.7	310	1.0	1800														
				1.3	260	1.0	2400														
				1.0	232	1.0	3000														
250							350														
(3000 min ⁻¹)	40.0	40	3.9	75	ECMM 180/030/063	120/240/24E	(3000 min ⁻¹)	12.0	115	3.3	250	ECMM 180/040/090	120/240/24E								
	30.0	52	3.0	100				10.0	132	3.9	300										
	20.0	74	2.2	150				7.5	159	2.7	400										
	15.0	94	1.5	200				6.0	184	2.0	500										
	12.0	110	1.1	250				5.0	251	2.0	600										
	10.0	120	1.4	300				4.0	302	1.7	750										
	7.5	146	0.9	400				3.3	349	1.5	900										
	6.0	165	0.8	500				2.5	421	1.0	1200										
	5.0	226	0.7	600				2.0	522	1.0	1500										
	4.0	162	1.0	750				1.7	599	0.9	1800										
	3.3	16																			

Nota: Verificare sempre che la coppia M2 utilizzata non ecceda il valore indicato nelle caselle in grigio**Note:** Please check that the output torque M2 does not exceed the value into the grey areas



Dati tecnici per servizio S2

Technical data for S2 duty

P₁ [W]	n₂ [min ⁻¹]	M₂ [Nm]	sf	i		Versione motore <i>Motor version</i>
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350

(3000 min ⁻¹)	7.5	204	0.7	400	ECMM 250/030/050	120/240
	6.0	125	1.0	500		
	5.0	162	1.0	600		
	4.0	162	1.0	750		
	3.3	162	1.0	900		
	2.5	135	1.0	1200		
	2.00	162	1.0	1500		
	30.0	74	3.9	100	ECMM 250/030/063	120/240
	20.0	103	3.0	150		
	15.0	129	2.0	200		
	12.0	152	1.5	250		
	10.0	173	1.8	300		
	7.5	208	1.2	400		
	6.0	241	1.0	500		
	5.0	327	0.9	600		
	4.0	393	0.8	750		
	3.3	448	0.7	900		
	2.5	260	1.0	1200		
	2.00	310	1.0	1500		
	15.0	134	3.2	200	ECMM 250/040/075	120/240
	12.0	161	2.4	250		
	10.0	184	2.8	300		
	7.5	222	1.9	400		
	6.0	258	1.5	500		
	5.0	351	1.5	600		
	4.0	423	1.2	750		
	3.3	489	1.0	900		
	2.5	590	0.7	1200		
	2.0	730	0.7	1500		
	1.7	511	1.0	1800		
	1.3	432	1.0	2400		
	1.0	378	1.0	3000		
	12.0	168	3.9	250	ECMM 250/040/090	120/240
	10.0	193	4.6	300		
	7.5	238	3.2	400		
	6.0	278	2.3	500		
	5.0	368	2.4	600		
	4.0	444	2.0	750		
	3.3	512	1.7	900		
	2.5	631	1.2	1200		
	2.00	765	1.1	1500		
	1.67	878	1.0	1800		
	1.25	1082	0.7	2400		
	1.00	635	1.0	3000		

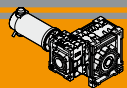
P₁ [W]	n₂ [min ⁻¹]	M₂ [Nm]	sf	i		Versione motore <i>Motor version</i>
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350

(3000 min ⁻¹)	6.0	301	3.8	500	ECMM 250/050/110	120/240
	5.0	378	3.9	600		
	4.0	461	3.2	750		
	3.3	527	2.8	900		
	2.5	681	1.9	1200		
	2.00	799	1.9	1500		
	1.67	918	1.6	1800		
	1.25	1188	1.1	2400		
	1.00	1394	0.8	3000		
500						
(3000 min ⁻¹)	40.0	78	1.1	75	ECMM 350/030/040	120/240
	30.0	101	0.8	100		
	20.0	87	1.0	150		
	15.0	74	1.0	200		
	12.0	67	1.0	250		
	10.0	90	1.0	300		
	7.5	74	1.0	400		
	40.0	79	2.0	75		
	30.0	103	1.5	100		
	20.0	146	1.1	150		
	15.0	184	0.7	200		
	12.0	216	0.6	250		
	10.0	235	0.7	300		
	7.5	135	1.0	400		
	6.0	125	1.0	500		
	5.0	162	1.0	600		
	4.0	162	1.0	750		
	3.3	162	1.0	900		
	40.0	80	3.6	75	ECMM 350/030/063	120/240
	30.0	104	2.8	100		
	20.0	144	2.1	150		
	15.0	181	1.4	200		
	12.0	213	1.1	250		
	10.0	243	1.3	300		
	7.5	292	0.9	400		
	6.0	338	0.7	500		
	5.0	458	0.7	600		
	4.0	310	1.0	750		
	3.3	310	1.0	900		
	2.5	260	1.0	1200		
	2.0	310	1.0	1500		

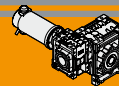
Nota: Verificare sempre che la coppia M2 utilizzata non ecceda il valore indicato nelle caselle in grigio

Note: Please check that the output torque M2 does not exceed the value into the grey areas

**ECMM****MOTORIDUTTORI C.C. COMBINATI**
PERMANENT MAGNETS D.C. COMBINATION GEARMOTORS**Dati tecnici per servizio S2****Technical data for S2 duty**

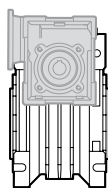
P_1 [W]	n_2 [min ⁻¹]	M_2 [Nm]	sf	i		Versione motore Motor version	P_1 [W]	n_2 [min ⁻¹]	M_2 [Nm]	sf	i		Versione motore Motor version
500							800						
(3000 min ⁻¹)	20.0	150	3.3	150	ECMM 350/040/075	120/240	(3000 min ⁻¹)	40.0	132	3.5	75	ECMM 600/040/075	120/240
	15.0	188	2.3	200				30.0	172	2.7	100		
	12.0	225	1.7	250				20.0	242	2.0	150		
	10.0	258	2.0	300				15.0	305	1.4	200		
	7.5	311	1.4	400				12.0	365	1.1	250		
	6.0	362	1.0	500				10.0	418	1.2	300		
	5.0	493	1.0	600				7.5	504	0.9	400		
	4.0	593	0.9	750				6.0	378	1.0	500		
	3.3	685	0.7	900				5.0	511	1.0	600		
	2.5	432	1.0	1200				4.0	511	1.0	750		
	2.0	511	1.0	1500				3.3	511	1.0	900		
	1.7	511	1.0	1800				2.5	432	1.0	1200		
	1.3	432	1.0	2400									
	12.0	236	2.8	250	ECMM 350/040/090	120/240		20.0	249	3.3	150	ECMM 600/040/090	120/240
	10.0	270	3.2	300				15.0	318	2.4	200		
	7.5	333	2.3	400				12.0	381	1.7	250		
	6.0	389	1.6	500				10.0	438	2.0	300		
	5.0	516	1.7	600				7.5	539	1.4	400		
	4.0	622	1.4	750				6.0	630	1.0	500		
	3.3	718	1.2	900				5.0	835	1.1	600		
	2.5	885	0.9	1200				4.0	1006	0.9	750		
	2.0	1072	0.8	1500				3.3	1162	0.8	900		
	1.7	1231	0.7	1800				2.5	755	1.0	1200		
	1.3	755	1.0	2400									
	1.0	635	1.0	3000				12.0	402	3.0	250	ECMM 600/050/110	120/240
								10.0	449	3.3	300		
								7.5	581	2.3	400		
	6.0	421	2.7	500	ECMM 350/050/110	120/240		6.0	682	1.7	500		
	5.0	530	2.8	600				5.0	858	1.7	600		
	4.0	647	2.3	750				4.0	1047	1.4	750		
	3.3	738	2.0	900				3.3	1195	1.2	900		
	2.5	955	1.4	1200				2.5	1545	0.9	1200		
	2.0	1120	1.3	1500				2.0	1812	0.8	1500		
	1.7	1288	1.1	1800				1.7	2083	0.7	1800		
	1.3	1665	0.8	2400				1.3	1320	1.0	2400		
	1.0	1157	1.0	3000				1.0	1157	1.0	3000		
	4.0	645	2.6	750	ECMM 350/063/130	120/240		7.5	563	2.8	400	ECMM 600/063/130	120/240
	3.3	737	2.3	900				6.0	682	2.2	500		
	2.5	938	1.7	1200				5.0	845	2.0	600		
	2.0	1135	1.5	1500				4.0	1044	1.6	750		
	1.7	1306	1.3	1800				3.3	1192	1.4	900		
	1.3	1662	1.0	2400				2.5	1517	1.1	1200		
	1.0	2011	0.7	3000				2.0	1836	0.9	1500		
								1.7	2112	0.8	1800		
								1.3	1600	1.0	2400		
								1.0	1500	1.0	3000		

Nota: Verificare sempre che la coppia M2 utilizzata non ecceda il valore indicato nelle caselle in grigio**Note:** Please check that the output torque M2 does not exceed the value into the grey areas

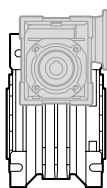


Motori applicabili

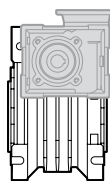
IEC Motor adapters



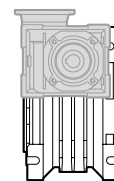
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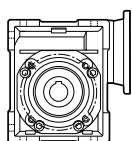
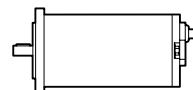
US2



UV1



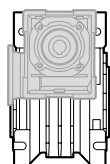
UV2



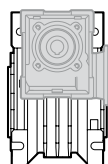
		EC			
		070.120 070.240	100.120 100.240	100.24E	180.120 180.240
CMM	026/026	150 - 3600	150 - 3600	150 - 3600	150 - 3600

150 - 3600

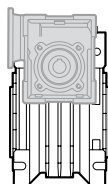
Rapporti di riduzione i
Ratio i



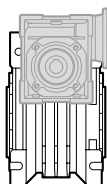
UB1



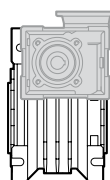
UB2



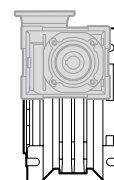
US1



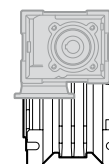
US2



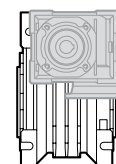
UV1



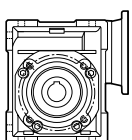
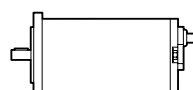
UV2



UC1



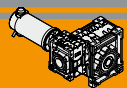
UC2



		EC							
		070.120 070.240	100.120 100.240	100.24E	180.120 180.240	180.24E	250.120 250.240	350.120 350.240	600.120 600.240
CMM	026/030	150 - 3600	150 - 3600	150 - 3600	150 - 3600				
	026/040	150 - 3600	150 - 3600	150 - 3600	150 - 3600				
	026/050	150 - 3600	150 - 3600	150 - 3600	150 - 3600				
	030/040	75 - 3000	75 - 3000	75 - 3000	75 - 3000	75 - 1500	75 - 1500	75 - 1500	
	030/050	75 - 3000	75 - 3000	75 - 3000	75 - 3000	75 - 1500	75 - 1500	75 - 1500	
	030/063	75 - 3000	75 - 3000	75 - 3000	75 - 3000	75 - 1500	100 - 1500	75 - 1500	
	040/075	75 - 3000	75 - 3000	75 - 3000	75 - 3000	75 - 3000	200 - 3000	75 - 3000	75 - 1200
	040/090	75 - 3000	75 - 3000	75 - 3000	75 - 3000	75 - 3000	250 - 3000	75 - 3000	75 - 1200
	050/110				1200 - 3000	75 - 3000	500 - 3000	75 - 3000	75 - 3000
	063/130							75 - 3000	75 - 3000

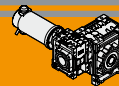
150 - 3600

Rapporti di riduzione i
Ratio i


ECMM
MOTORIDUTTORI C.C. COMBINATI
PERMANENT MAGNETS D.C. COMBINATION GEARMOTORS
Dimensioni
Dimensions

CMM..U - CMM..F - CMM..FB - CMM..FL																	
	A	C	D _{H8}	E	F	G	G1	H	H1	I	I1	K	L	M	N _{h8}	N1	N2
026/026	45	70	12	83	22	47.5	50	35	34	26	26	34	42	55	45	22.5	21
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
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
040/075	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

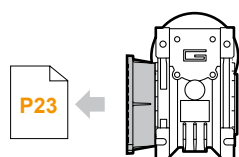
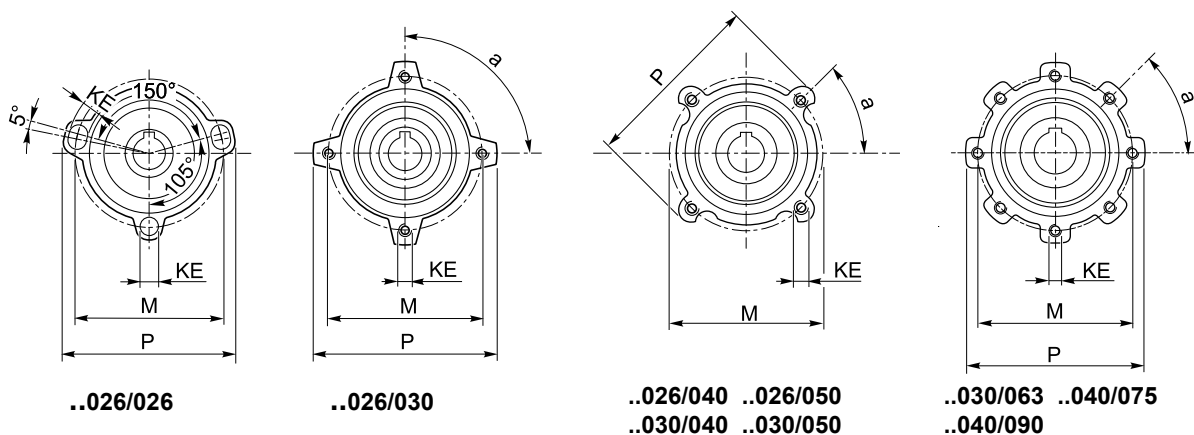
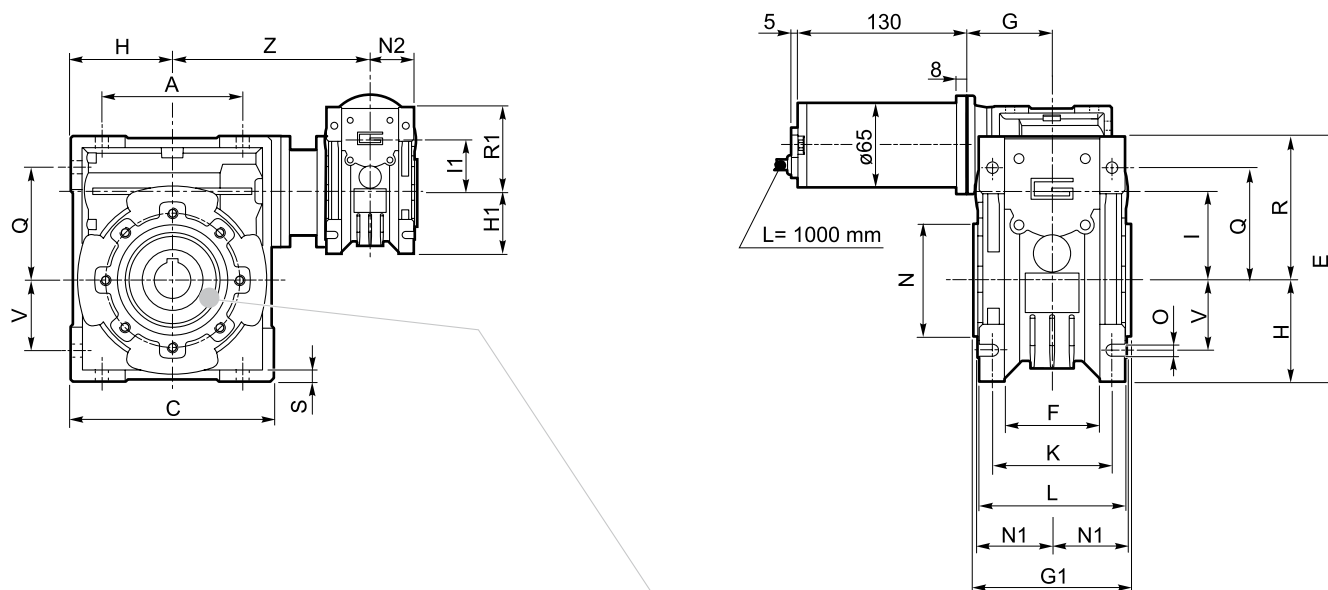
CMM..U - CMM..F - CMM..FB - CMM..FL														
	O	P	Q	R	R1	S	T	V	Z	KE	a	b	t	Kg
026/026	6	—	37	49	49	5	15	21	76	7	—	4	13.8	3.3
026/030	6.5	75	44	57	49	5.5	22	27	81	M6x10(n.4)	90°	5	16.3	4.1
026/040	6.5	87	55	71.5	49	6.5	26	35	91.5	M6x8(n.4)	45°	6	20.8	5.2
026/050	8.5	98	64	84	49	7	30	40	100.5	M8x10(n.4)	45°	8	28.3	6.7
030/040	6.5	87	55	71.5	57	6.5	26	35	122	M6x8(n.4)	45°	6	20.8	5.6
030/050	8.5	98	64	84	57	7	30	40	132	M8x10(n.4)	45°	8	28.3	6.7
030/063	8.5	110	80	102	57	8	36	50	145	M8x14(n.8)	45°	8	28.3	8.7
040/075	11	140	93	119	71.5	10	40	60	165	M8x14(n.8)	45°	8	31.3	13.7
040/090	13	160	102	135	71.5	11	45	70	182	M10x18(n.8)	45°	10	38.3	17.3



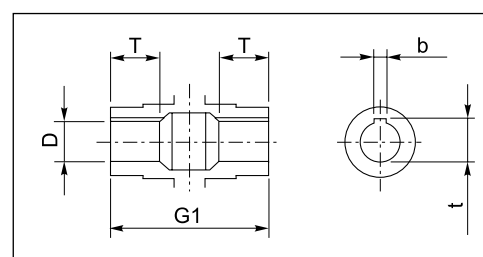
Dimensioni

Dimensions

ECMM070/...U

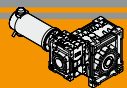


ECMM070/... F
ECMM070/... FL
ECMM070/... FB



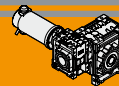
Albero lento cavo / Hollow output shaft

ECMM


Dimensioni
Dimensions

CMM..U - CMM..F - CMM..FB - CMM..FL																	
	A	C	D _{H8}	E	F	G	G1	H	H1	I	I1	K	L	M	N _{H8}	N1	N2
026/026	45	70	12	83	22	47.5	50	35	34	26	26	34	42	55	45	22.5	21
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
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
040/075	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

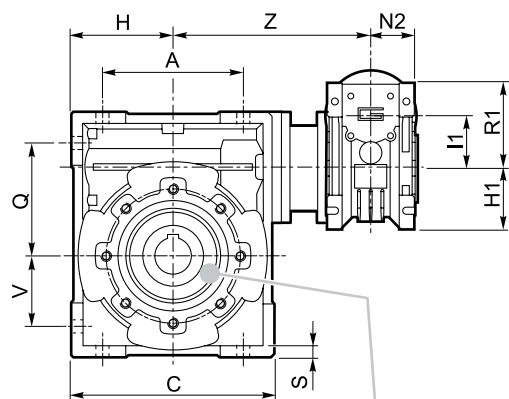
CMM..U - CMM..F - CMM..FB - CMM..FL														
	O	P	Q	R	R1	S	T	V	Z	KE	a	b	t	Kg
026/026	6	—	37	49	49	5	15	21	76	7	—	4	13.8	4.3
026/030	6.5	75	44	57	49	5.5	22	27	81	M6x10(n.4)	90°	5	16.3	5.1
026/040	6.5	87	55	71.5	49	6.5	26	35	91.5	M6x8(n.4)	45°	6	20.8	6.2
026/050	8.5	98	64	84	49	7	30	40	100.5	M8x10(n.4)	45°	8	28.3	7.7
030/040	6.5	87	55	71.5	57	6.5	26	35	122	M6x8(n.4)	45°	6	20.8	6.6
030/050	8.5	98	64	84	57	7	30	40	132	M8x10(n.4)	45°	8	28.3	7.7
030/063	8.5	110	80	102	57	8	36	50	145	M8x14(n.8)	45°	8	28.3	9.7
040/075	11	140	93	119	71.5	10	40	60	165	M8x14(n.8)	45°	8	31.3	14.7
040/090	13	160	102	135	71.5	11	45	70	182	M10x18(n.8)	45°	10	38.3	18.3



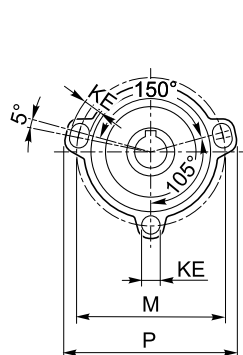
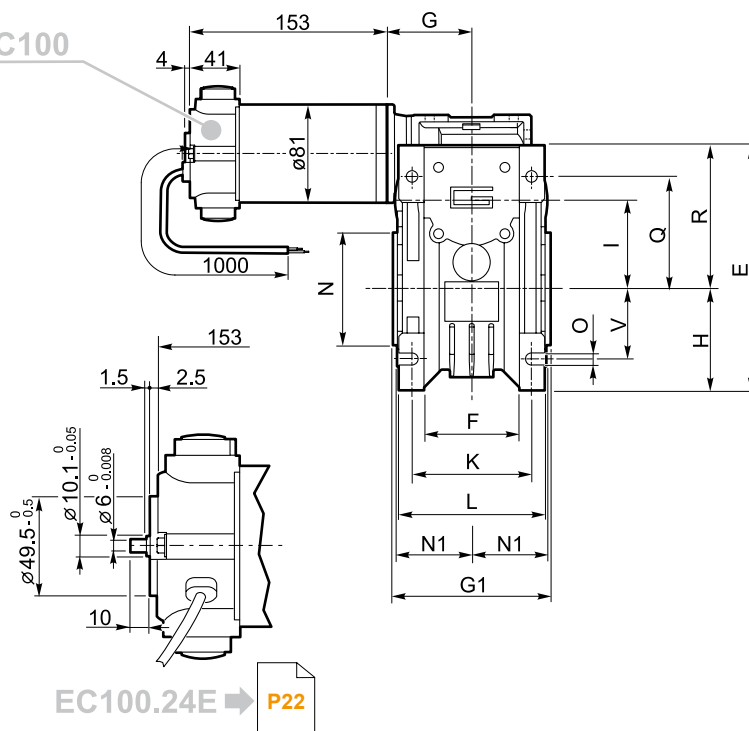
Dimensioni

Dimensions

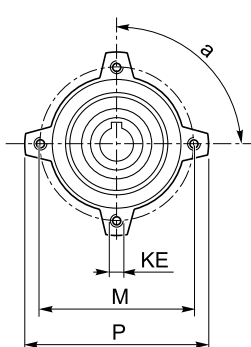
ECMM100/..../..U



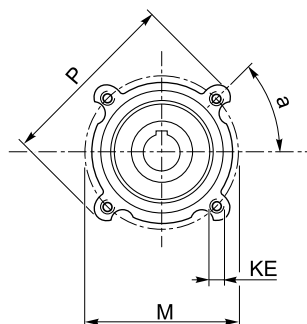
EC100



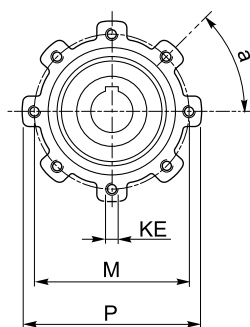
..026/026



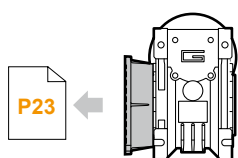
..026/030



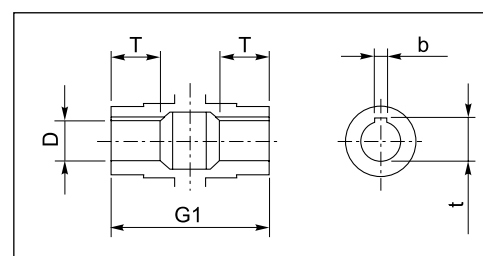
..026/040 ..026/050
..030/040 ..030/050



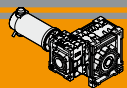
..030/063 ..040/075
..040/090



ECMM100/... F
ECMM100/... FL
ECMM100/... FB

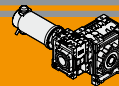


Albero lento cavo / *Hollow output shaft*


ECMM
MOTORIDUTTORI C.C. COMBINATI
PERMANENT MAGNETS D.C. COMBINATION GEARMOTORS
Dimensioni
Dimensions

CMM..U - CMM..F - CMM..FB - CMM..FL																	
	A	C	D _{H8}	E	F	G	G1	H	H1	I	I1	K	L	M	N _{H8}	N1	N2
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
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
040/075	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

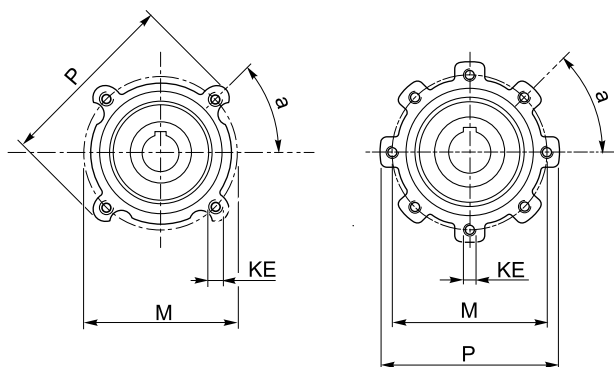
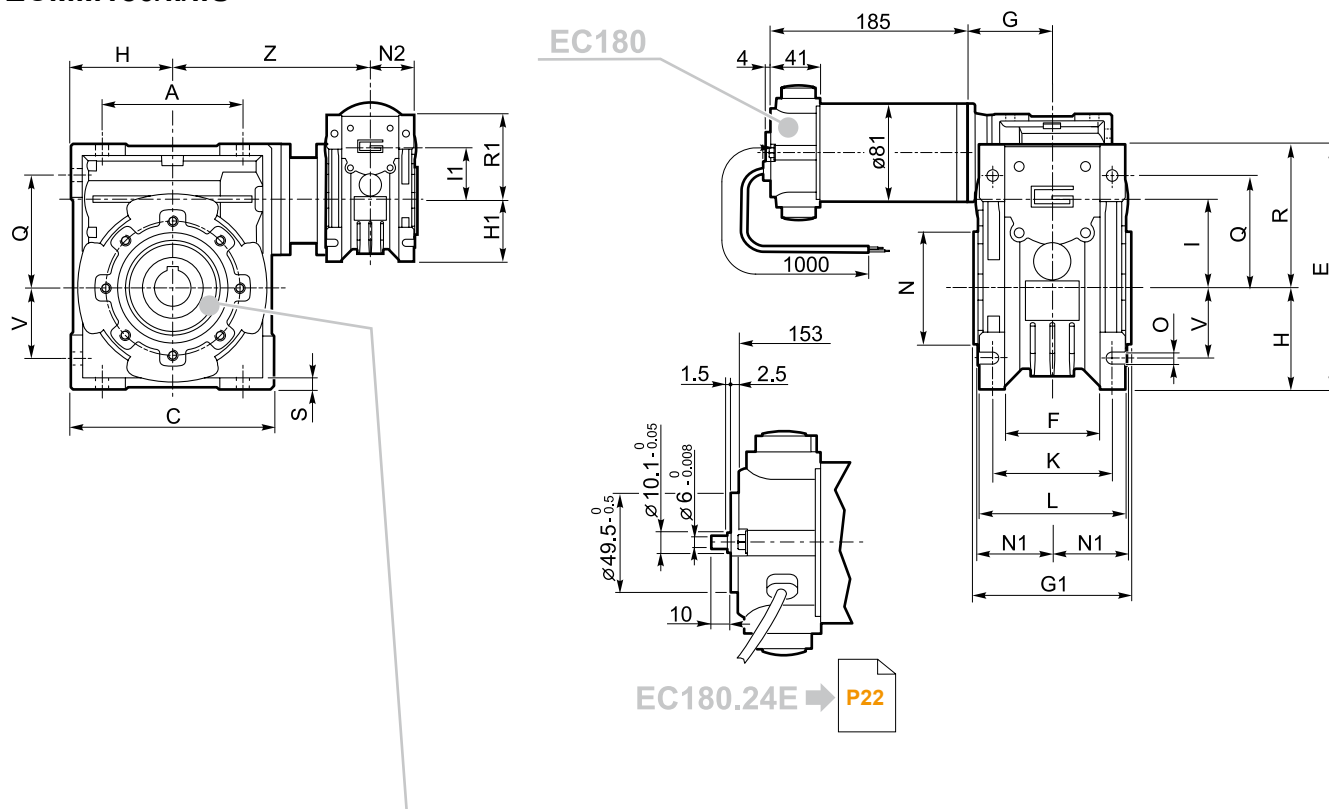
CMM..U - CMM..F - CMM..FB - CMM..FL														
	O	P	Q	R	R1	S	T	V	Z	KE	a	b	t	Kg
026/040	6.5	87	55	71.5	49	6.5	26	35	91.5	M6x8(n.4)	45°	6	20.8	6.9
026/050	8.5	98	64	84	49	7	30	40	100.5	M8x10(n.4)	45°	8	28.3	8.4
030/040	6.5	87	55	71.5	57	6.5	26	35	122	M6x8(n.4)	45°	6	20.8	7.3
030/050	8.5	98	64	84	57	7	30	40	132	M8x10(n.4)	45°	8	28.3	8.4
030/063	8.5	110	80	102	57	8	36	50	145	M8x14(n.8)	45°	8	28.3	10.4
040/075	11	140	93	119	71.5	10	40	60	165	M8x14(n.8)	45°	8	31.3	15.4
040/090	13	160	102	135	71.5	11	45	70	182	M10x18(n.8)	45°	10	38.3	19
050/110	14	200	125	167.5	84	14	50	85	225	M10x18(n.8)	45°	12	45.3	33.6



Dimensioni

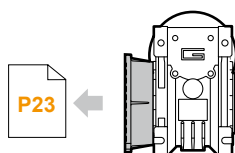
Dimensions

ECMM180/...U

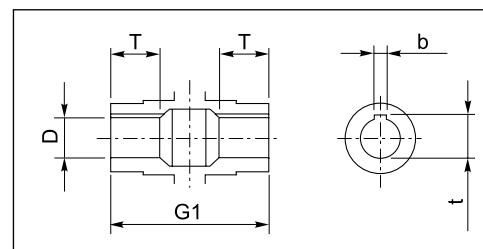


..026/040 ..026/050
 ..030/040 ..030/050

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

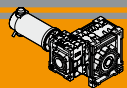


ECMM180/... F
ECMM180/... FL
ECMM180/... FB



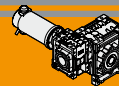
Albero lento cavo / Hollow output shaft

ECMM


ECMM
MOTORIDUTTORI C.C. COMBINATI
PERMANENT MAGNETS D.C. COMBINATION GEARMOTORS
Dimensioni
Dimensions

CMM..U - CMM..F - CMM..FB - CMM..FL																	
	A	C	D _{H8}	E	F	G	G1	H	H1	I	I1	K	L	M	N _{H8}	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
040/075	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

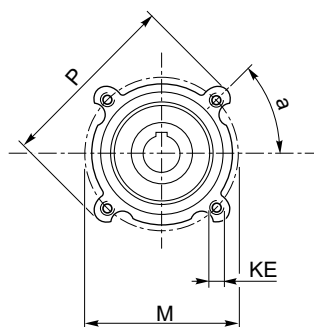
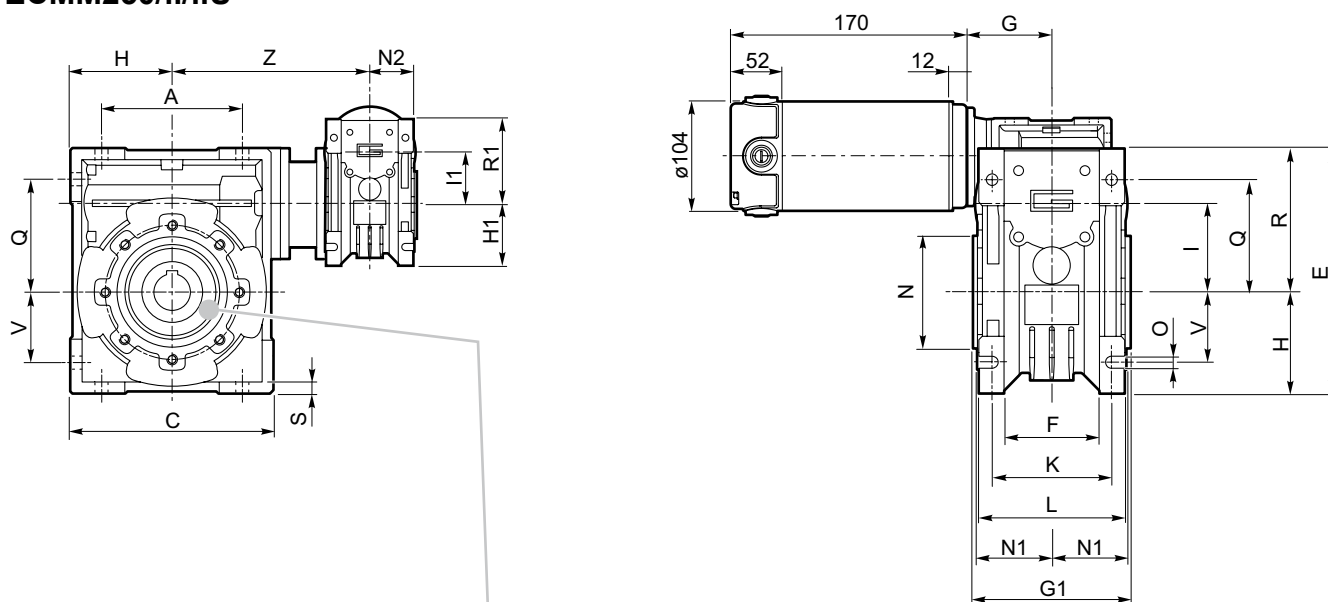
CMM..U - CMM..F - CMM..FB - CMM..FL														
	O	P	Q	R	R1	S	T	V	Z	KE	a	b	t	Kg
030/040	6.5	87	55	71.5	57	6.5	26	35	122	M6x8(n.4)	45°	6	20.8	9.2
030/050	8.5	98	64	84	57	7	30	40	132	M8x10(n.4)	45°	8	28.3	10.3
030/063	8.5	110	80	102	57	8	36	50	145	M8x14(n.8)	45°	8	28.3	12.3
040/075	11	140	93	119	71.5	10	40	60	165	M8x14(n.8)	45°	8	31.3	17.3
040/090	13	160	102	135	71.5	11	45	70	182	M10x18(n.8)	45°	10	38.3	20.9
050/110	14	200	125	167.5	84	14	50	85	225	M10x18(n.8)	45°	12	45.3	35.5



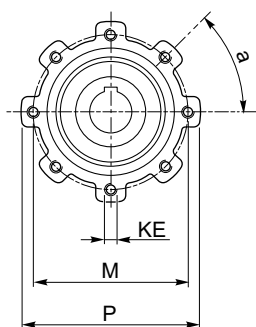
Dimensioni

Dimensions

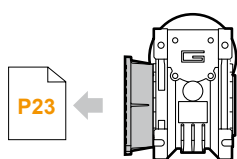
ECMM250/...U



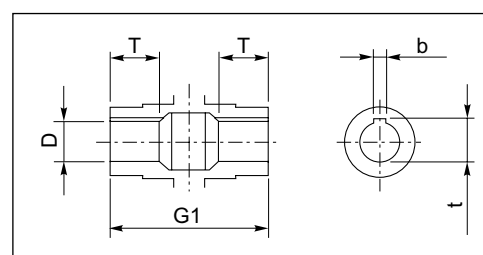
..030/040 ..030/050



**..030/063 ..040/075
 ..040/090 ..050/110**

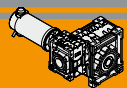


**ECMM250/... F
 ECMM250/... FL
 ECMM250/... FB**



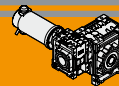
Albero lento cavo / Hollow output shaft

ECMM


ECMM
MOTORIDUTTORI C.C. COMBINATI
PERMANENT MAGNETS D.C. COMBINATION GEARMOTORS
Dimensioni
Dimensions

CMM..U - CMM..F - CMM..FB - CMM..FL																	
	A	C	D _{H8}	E	F	G	G1	H	H1	I	I1	K	L	M	N _{H8}	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
040/075	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

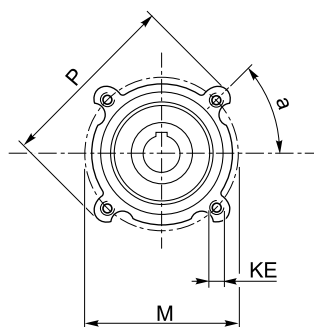
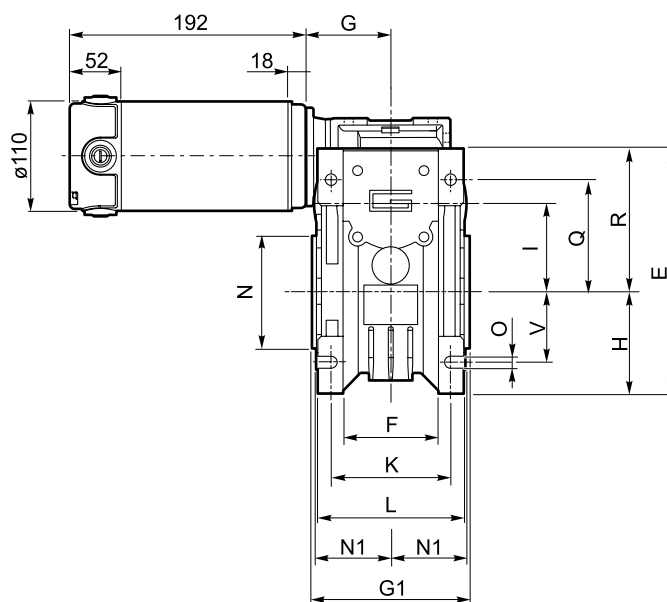
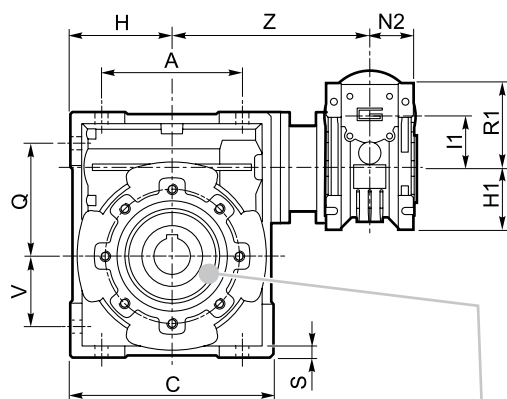
	CMM..U - CMM..F - CMM..FB - CMM..FL													
	O	P	Q	R	R1	S	T	V	Z	KE	a	b	t	Kg
030/040	6.5	87	55	71.5	57	6.5	26	35	122	M6x8(n.4)	45°	6	20.8	9.2
030/050	8.5	98	64	84	57	7	30	40	132	M8x10(n.4)	45°	8	28.3	10.3
030/063	8.5	110	80	102	57	8	36	50	145	M8x10(n.8)	45°	8	28.3	12.3
040/075	11	140	93	119	71.5	10	40	60	165	M8x14(n.8)	45°	8	31.3	17.3
040/090	13	160	102	135	71.5	11	45	70	182	M10x18(n.8)	45°	10	38.3	20.9
050/110	14	200	125	167.5	84	14	50	85	225	M10x18(n.8)	45°	12	45.3	35.5
063/130	16	250	140	187.5	102	15	60	100	245	M12x21(n.8)	45°	14	48.8	60.3



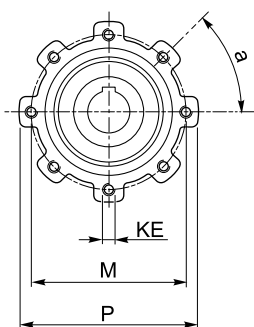
Dimensioni

Dimensions

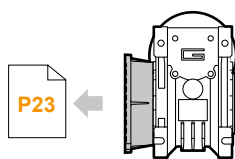
ECMM350/...U



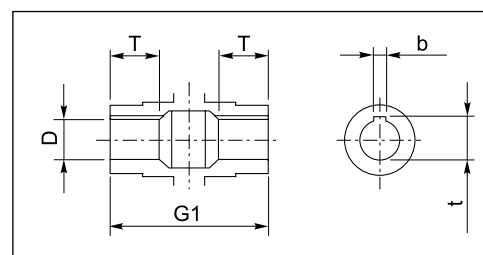
..030/040 ..030/050



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

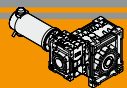


ECMM350/... F
ECMM350/... FL
ECMM350/... FB



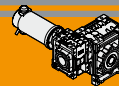
Albero lento cavo / Hollow output shaft

ECMM


ECMM
MOTORIDUTTORI C.C. COMBINATI
PERMANENT MAGNETS D.C. COMBINATION GEARMOTORS
Dimensioni
Dimensions

CMM..U - CMM..F - CMM..FB - CMM..FL																	
	A	C	D _{H8}	E	F	G	G1	H	H1	I	I1	K	L	M	N _{H8}	N1	N2
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

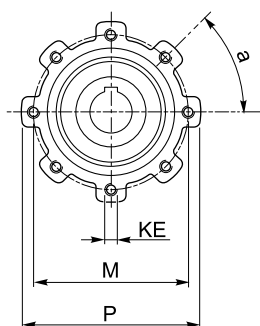
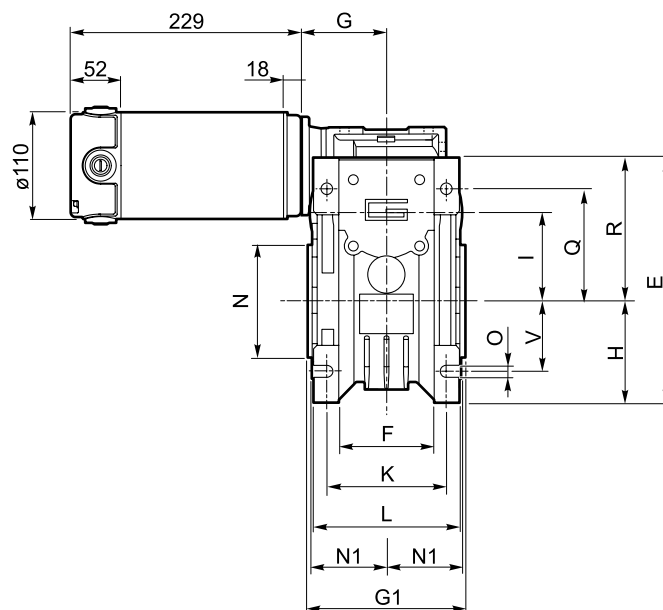
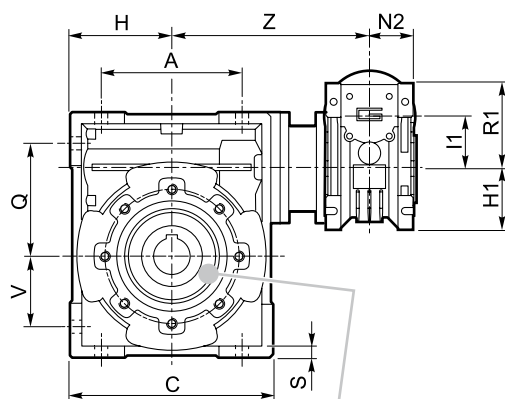
CMM..U - CMM..F - CMM..FB - CMM..FL														
	O	P	Q	R	R1	S	T	V	Z	KE	a	b	t	Kg
040/075	11	140	93	119	71.5	10	40	60	165	M8x14(n.8)	45°	8	31.3	19.1
040/090	13	160	102	135	71.5	11	45	70	182	M10x18(n.8)	45°	10	38.3	22.7
050/110	14	200	125	167.5	84	14	50	85	225	M10x18(n.8)	45°	12	45.3	37.3
063/130	16	250	140	187.5	102	15	60	100	245	M12x21(n.8)	45°	14	48.8	62.1



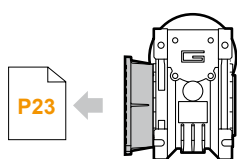
Dimensioni

Dimensions

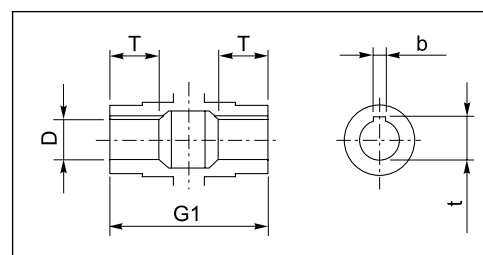
ECMM600/...U



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

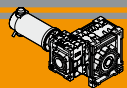
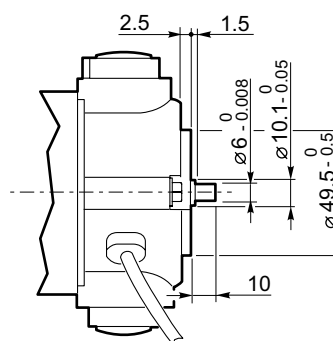
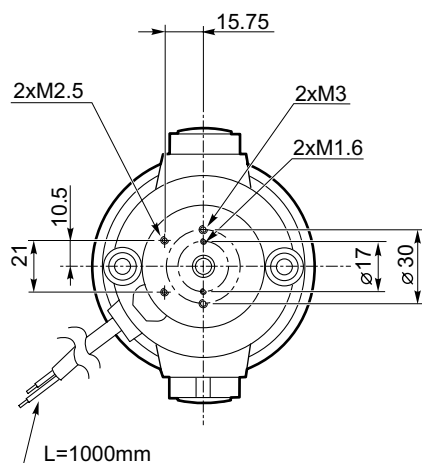


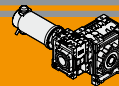
ECMM600/... F
ECMM600/... FL
ECMM600/... FB



Albero lento cavo / Hollow output shaft

ECMM

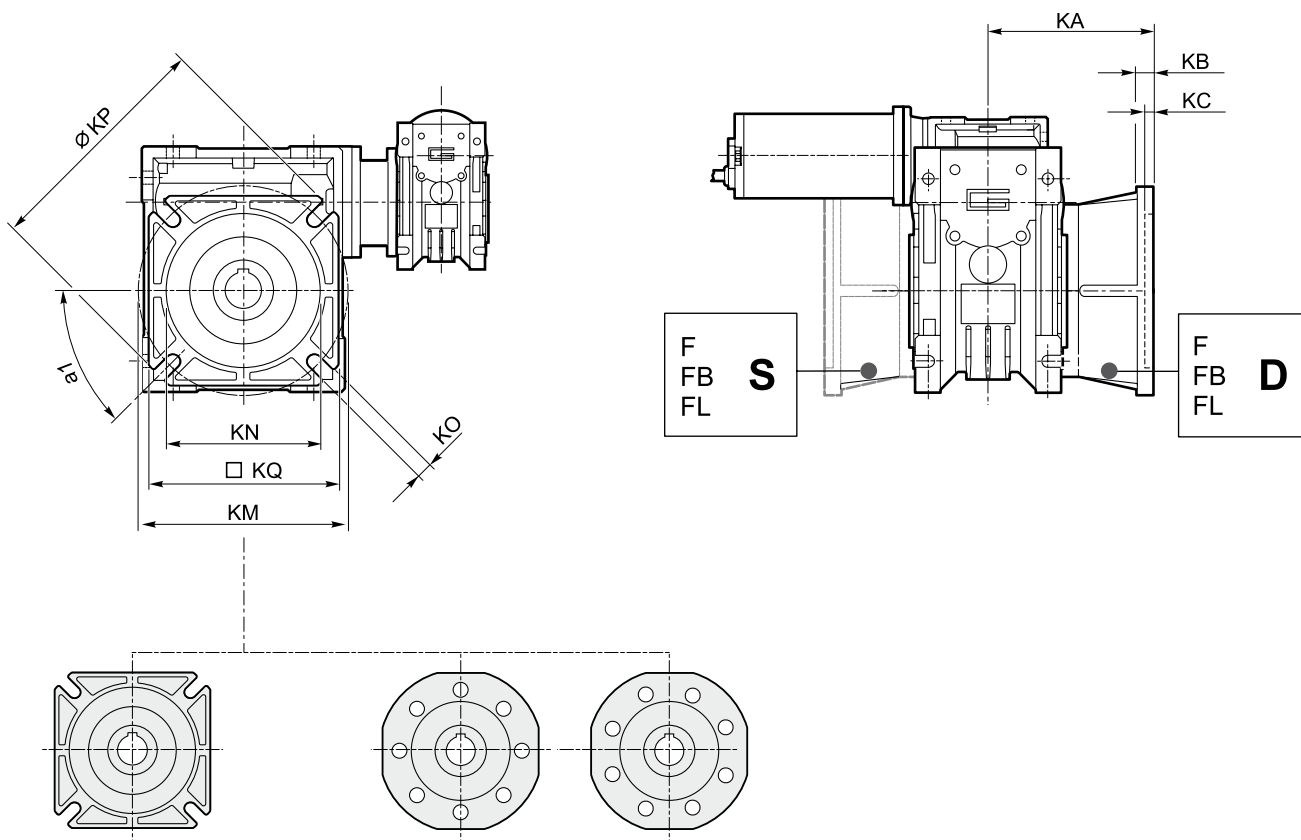
**ECMM****MOTORIDUTTORI C.C. COMBINATI**
PERMANENT MAGNETS D.C. COMBINATION GEARMOTORS**Dimensioni****Dimensions****EC100.24E**
EC180.24E



Dimensioni

Dimensions

ECMM.../... F... Flange uscita / Output flanges



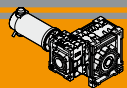
CMM..F
 (../26 - ../030 - ../075 - ../090)

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

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

CMM..F
 (../110) (../130)

	CMM..F									CMM..FB								CMM..FL							
	a1	KA	KB	KC	KM	KN H8	KO	KP	KQ	KA	KB	KC	KM	KN H8	KO	KP	KQ	KA	KB	KC	KM	KN H8	KO	KP	KQ
026/026	45°	45	6	4.5	55-69	40	6.5(n.4)	75	70	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
026/030	45°	54.5	6	4	68	50	6.5(n.4)	80	70	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
026/040 030/040	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
026/050 030/050	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	112	112	10	6	150-160	115	11(n.4)	180	142
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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—



ECMM

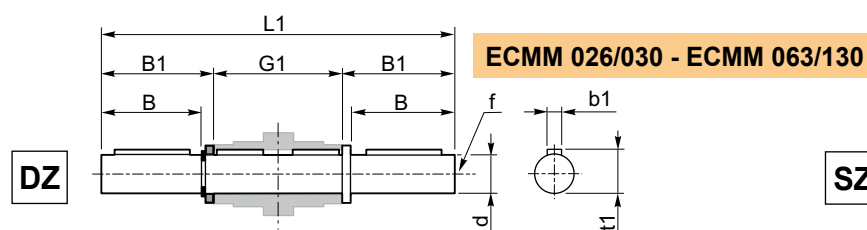
MOTORIDUTTORI C.C. COMBINATI

PERMANENT MAGNETS D.C. COMBINATION GEARMOTORS

Accessori

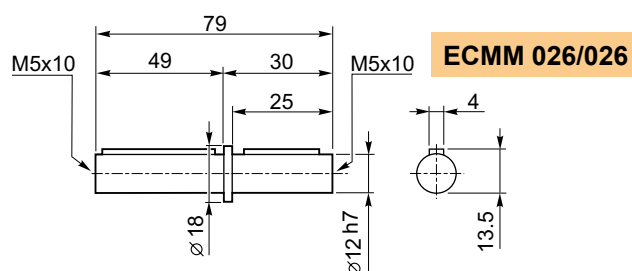
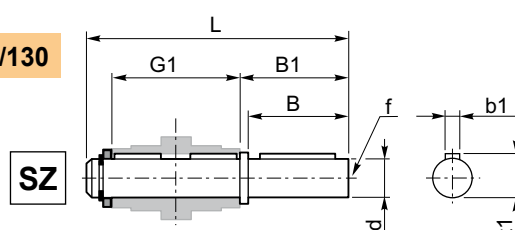
Accessories

Albero lento semplice e doppio



ECMM	d _{h7}	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
030/040	25	50	53.5	92	153	199	M10	8	28
030/050	25	50	53.5	112	173	219	M10	8	28
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

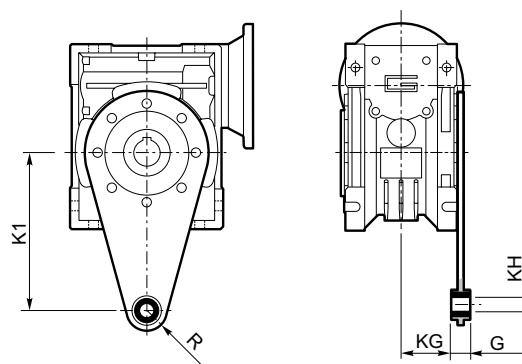
Single and double output shaft



Braccio di reazione

ECMM	K1	G	KG	KH	R
026/030	85	14	23	8	15
026/040	100	14	31	10	18
030/040	100	14	38	10	18
030/050	100	14	38	10	18
030/063	150	14	47.5	10	18
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

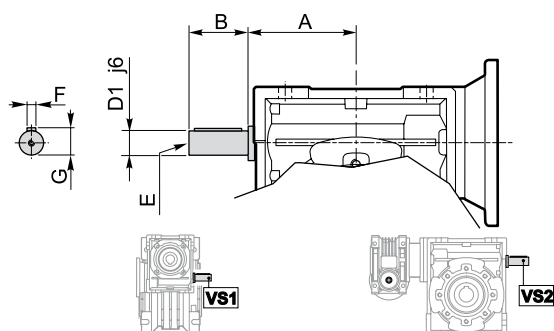
Torque arm



Opzioni

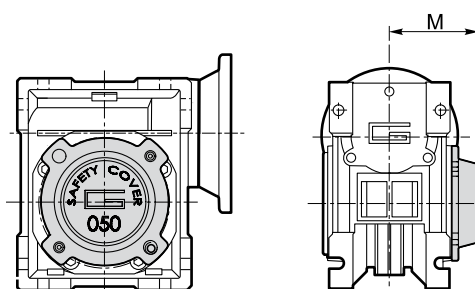
Options

VS1 - VS2 - Vite sporgente / Extended input shaft



CMM	VS1						VS2					
	A	B	D ₁ j6	E	F	G	A	B	D ₁ j6	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
040/075	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	75	90	110	130
M	47	54.5	62.5	73	79	94	102	117

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