comelmar italia

Motori Elettrici

comelmar italia

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CARATTERISTICHE GENERALI	*GENERAL CHARACTERISTICS*
I nostri motori appartengono alla classe di efficienza "2"	*Our motors belong to efficiency class "2"*
I motori della serie COMELMAR sono costruiti in lega d'alluminio dalla grandezza 56 alla grandezza 132 e in ghisa dalla grandezza 160 alla grandezza 355. A richiesta sono fornibili motori in ghisa per grandezze inferiori. fino alla 80.	*COMELMAR motors have aluminium frame from size 56 to size 132 and cast-iron frame from size 160 to size 355.On request can be supplly cast iron motors from size 80 to size 132.*
Il grado minimo di protezione dei motori è IP55, a richiesta sono fornibili più alti gradi di protezione a seconda dell'impiego voluto.	*The minimum degree of protection is IP55, on request are available higher ratings when motors are mounting in a nonstandard position.*
La scatola morsettiera è situata in alto per i motori standard, a richiesta è possibile fornire i motori con posizione della morsettiera laterale destra o sinistra.	*Terminal box is positioned on the top of the frame, on request it's possibile to supply motors with terminal box on the righ tside or on the left side.*
I motori COMELMAR possono essere avvolti fino ad una tensione di 600V a triangolo con frequenza di 50 o 60Hz.	*COMELMAR motors can be wound at a voltage of 600 volts delta and a frequency of 50 or 60 Hz.*
La tolleranza delle tensioni è di +/- 10%. Differenze maggiori di tolleranza potrebbero causare una surriscaldamento dell'avvolgimento.	*Voltage tolerance is +/- 10%. Voltages beyond these limits will cause a high winding temperature rise.*
Le tensioni standard dei nostri motori sono le seguenti: V400 HZ50. V415 HZ50. V440 HZ60. V460 HZ60 V480 HZ60.	*Standard voltages of our range are: V400 HZ50. V415 HZ50.V440 HZ60. V460 HZ60. V480 HZ60.*
In generale i motori sono a V230/400 fino alla potenza di 3KW; dalla potenza di 3KW fino alla potenza di 22KW sono disponibili motori sia a V230/400 che a V400/690; dalla potenza di 22KW in su la gamma include solo motori a V400/690.	*In general motors are at V230/400 until the output power of3KW; from output power of 3KW to power 22KW motors can be both V230/400 and V400/690; up 22KW motors canbe only V400/690.*
I motori della nostra gamma hanno un grado di isolamento classe F, a richiesta sono fornibili motori con avvolgimento in classe H. Ogni avvolgimento è impregnato con vernici termoindurenti ed è protetto contro l'umidità e il calore.	*Our motors have class F insolation, class H is available on request. Only high quality polyester covered copper winding wire is used in conjunction with inorganic high temperature polyester varnish.*
Le potenze sono indicate per un servizio continuo S1 a tensione e frequenza nominali, ad una altitudine di 1000m e ad una temperatura di 40°C.	*Output power are indicated to a continuous duty S1 with rated voltage and frequency, at an altitude of 1000 meters and at a temperature of 40°C.*
I nostri motori hanno un bassissimo livello di vibrazione grazie alla precisione della bilanciatura dei rotori e delle ventole di raffreddamento. La maggior parte di essi ha una vibrazione inferiore a 1mm/sec.	*Our motors have a very low vibration level due to high precision balancing of the rotors and of cooling fans. Most of them have vibration levels of less than 1 mm/sec.*
Tutti i motori sono costruiti per garantire un'alta efficienza, un bassissimo surriscaldamento e un tempo di impiego lungo ed economico.	*Motors are designed for high efficiency and low temperature rise giving a long economical service life.*
I livelli di rumorosità (pressione del suono alla distanza di 1 metro) sono conformi alle norme vigenti e sono generalmente al disotto degli 80 Db per i motori di media grandezza e al disotto degli 85 Db per motori fino alle grandezze maggiori.	*Standard noise level (sound pressare at 1 meter) are well within the requirements of most standard. and are generally below 80 dB for small motors and 85 dB for large motors.*
Le ventole di raffreddamento sono costruite in materiale termoplastico fino alla grandezza 250, per le grandezze superiori viene adottata una ventola in alluminio.	*Fans are made of thermoplastic material up to size 250, for motors up to size 355 are adopted aluminium fans.*
I nostri motori sono equipaggiati con cuscinetti di primarie marche quali SKF, NSK o UBC Usa. Gli ingrassatori son previsti dalla grandezza 280 in su, ma a richiesta possono essere montati fino alla grandezza 160.	*Our motors are equipped with high quality bearings such as SKF, NSK or UBC Usa. The motors are equipped with a greaser from size 280 but are available on request also from size 160.*
Tutti i motori sono costruiti per girare in entrambi i sensi di rotazione.	*All motors are designed to run in either directions.*
Gli alberi rotorici sono costruiti con acciaio di alta qualità.	*Shaft are made from high quality carbon steel.*
I motori della nostra gamma possono essere forniti di un sistema di ventilazione forzata per funzionamento con inverter.	*Our range motors can be supplied with forced ventilation system for inveter applications.*
L'applicazione di tettucci parapioggia può essere prevista nel caso in cui l'impiego del motore in posizione verticale lo richieda.	*Rainhoods are available for motors mounted shaft downand in onerus conditions.*
A richiesta sono fornibili avvolgimenti con pastiglie termiche o PTC.	*On request thermostats can be supplied as an option.*
Scaldiglie anticondensa possono essere inserite sull'avvolgimento e sono raccomandate per protezioni anche superiori a IP55.	*Anticondensation heaters can be fitted as an option to all motors and are recommended for IP56 and IP66 degree of protection.*
Qualsiasi particolarità non elencata può su richiesta essere assecondata, quali flange speciali, avvolgimenti a 2 o 3 polarità, doppie estremità d'albero o prolungamenti d'albero a disegno.	*Non standard flanges, double shaft extensions, non standard shaft sizes, 2 or 3 speed motors are in anyway supplying.*

DATI ELETTRICI MOTORI TRIFASE V400 HZ50
TECHNICAL DATA THREE-PHASE MOTORS V400 HZ50

POTENZA *OUTPUT*	TIPO *Type*	VELOCITA' *SPEED*	CORRENTE *CURRENT*	RENDIMENTO *EFFICIENCY*	FATTORE DI POTENZA *POWER FACTOR*	CORRENTE DI SPUNTO *STARTING CURRENT*	COPPIA DI SPUNTO *STARTING TORQUE*	COPPIA MASSIMA *MAXIMUM TORQUE*	MOMENTO D'INERZIA *MOMENT OF INERTIA*	PESO *MASS*
P2	-	n	Ir		cos	Is/Ir	Ms/Mr	Mmax/MR	J	m
KW HP	-	RPM	A	%	-	-	-	-	Kgm	Kg

2 POLI

0.09	0.12	CM56A-2	2850	0.26	63	0.79	4.4	2	2.7	0.000095	2.8
0.12	0.16	CM56B-2	2830	0.37	64	0.74	4	2.3	2.5	0.000095	2.8
0.18	0.25	CM63A-2	2770	0.49	64	0.81	3.9	2.1	2.4	0.000141	3.8
0.25	0.33	CM63B-2	2770	0.67	69	0.78	4.1	2.25	2.5	0.000188	4.2
0.37	0.50	CM71A-2	2760	0.87	72	0.86	5	2.2	2.2	0.00073	4.9
0.55	0.75	CM71B-2	2760	1.25	75	0.85	5	2.2	2.2	0.00092	5.6
0.75	1.00	CM80A-2	2820	1.66	78.5	0.83	6	2.1	2.2	0.00095	8.9
1.1	1.5	CM80B-2	2800	2.42	79	0.83	6	2.1	2.2	0.0011	9.7
1.5	2.0	CM90S-2	2850	3.15	82.5	0.85	7	3	3.4	0.0018	14
2.2	3.0	CM90L-2	2850	4.4	83.5	0.87	7	3	3	0.0021	16
3.0	4.0	CM100L-2	2850	5.8	84.5	0.88	7	2	2.2	0.0036	26
4.0	5.5	CM100LB-2	2850	7.6	87	0.88	7.5	2	2.2	0.0058	27
4.0	5.5	CM112M-2	2850	7.6	87	0.88	7.5	2	2.2	0.0059	29.8
5.5	7.5	CM112L-2	2850	10.3	88	0.88	7.5	2.1	2.4	0.01	35.2
5.5	7.5	CM132SA-2	2895	11	86	0.89	6.5	2.4	3	0.0155	43
7.5	10.0	CM132SB-2	2895	15	87	0.89	7	2.5	3.2	0.0185	49
9.2	12.5	CM132MA-2	2900	16.8	88	0.88	7	2.5	3.2	0.0255	54
11	15.0	CM132MB-2	2900	20	88	0.9	7	2.1	3.1	0.028	63
11	15.0	CM160MA-2	2930	20.2	88.4	0.89	6.8	2	3.3	0.038	125
15	20	CM160MB-2	2930	27.3	89	0.89	7.5	2	3.2	0.047	135
18.5	25	CM160L-2	2930	33	90	0.9	7.5	2	3.2	0.055	153
22	30	CM180M-2	2940	39	90	0.9	7.5	2.1	3.5	0.075	175
30	40	CM200LA-2	2940	53	91.1	0.9	7	2.3	3.6	0.124	265
37	50	CM200LB-2	2950	64.5	92	0.9	7.5	2.3	3.2	0.139	285
45	60	CM225M-2	2950	77.3	92.3	0.91	7.5	2.4	3.3	0.233	336
55	75	CM250M-2	2960	95.4	92.5	0.9	7.5	2.3	4	0.312	430
75	100	CM280S-2	2970	129	93.4	0.9	7.5	2.6	4	0.412	535
90	125	CM280M-2	2970	153	93.5	0.91	7.5	2.7	4	0.675	577
110	150	CM315S-2	2975	185	94.1	0.91	8	3	4	1.18	1100
132	180	CM315M-2	2975	219	94.5	0.92	8.5	2.5	3	1.55	1150
160	220	CM315LA-2	2975	265	94.6	0.91	7.5	2.2	3.8	1.76	1195
200	270	CM315LB-2	2975	331	94.8	0.92	7.5	2.2	3.8	2.02	1255
250	315	CM355M-2	2985	446	95.1	0.85	7.5	2.3	3.7	3.56	1920
315	430	CM355L-2	2985	553	95.6	0.86	7.4	2.2	3.8	4.15	2060

DATI ELETTRICI MOTORI TRIFASE V400 HZ50
TECHNICAL DATA THREE-PHASE MOTORS V400 HZ50

POTENZA *OUTPUT*		TIPO *Type*	VELOCITA' *SPEED*	CORRENTE *CURRENT*	RENDIMENTO *EFFICIENCY*	FATTORE DI POTENZA *POWER FACTOR*	CORRENTE DI SPUNTO *STARTING CURRENT*	COPPIA DI SPUNTO *STARTING TORQUE*	COPPIA MASSIMA *MAXIMUM TORQUE*	MOMENTO D'INERZIA *MOMENT OF INERTIA*	PESO *MASS*
P2		-	n	Ir		cos	Is/Ir	Ms/Mr	Mmax/MR	J	m
KW	HP	-	RPM	A	%	-	-	-	-	Kgm	Kg

4 POLI

0.06	0.09	CM56A-4	1400	0.25	54	0.64	3	2.1	2.4	0.000155	2.5
0.09	0.12	CM56B-4	1380	0.37	56	0.63	2.9	2.4	2.5	0.000199	2.9
0.12	0.16	CM63A-4	1340	0.42	59	0.7	3	2	2.1	0.000177	3.7
0.18	0.25	CM63B-4	1320	0.58	62	0.72	3	2	2	0.000231	4.1
0.25	0.33	CM71A-4	1370	0.8	68	0.67	5	2.3	2.2	0.0011	5
0.37	0.50	CM71B-4	1370	1.13	68	0.7	5	2.3	2.2	0.0014	5.7
0.55	0.75	CM71C-4	1360	1.75	69	0.66	3.5	2.2	2.3	0.0012	7.3
0.55	0.75	CM80A-4	1400	1.53	71	0.73	5	2.3	2.4	0.0013	8.3
0.75	1.00	CM80B-4	1400	1.8	75	0.8	5	2.5	2.6	0.0015	9.6
1.1	1.5	CM90S-4	1410	2.6	75.5	0.81	6	2.5	2.6	0.0034	12.2
1.5	2.0	CM90L-4	1410	3.4	78.5	0.84	6	2.5	2.6	0.0036	15.4
2.2	3.0	CM90LB-4	1400	5.1	79	0.82	5.6	2.2	2.6	0.00503	17
2.2	3.0	CM100LA-4	1420	4.84	81	0.81	6.5	2.2	2.4	0.0053	24.6
3.0	4.0	CM100LB-4	1420	6.3	82	0.84	7	2.2	2.6	0.0058	26.6
4.0	5.5	CM112M-4	1410	8.1	85	0.84	6	2.1	2.4	0.0105	33.6
5.5	7.5	CM112N-4	1410	12.1	82	0.8	6	2.2	2.6	0.013	34.5
5.5	7.5	CM132S-4	1450	11.3	87	0.85	7	2.4	3	0.0229	45
7.5	10.0	CM132M-4	1455	15.6	88	0.83	7	2.8	3.2	0.0277	52
9.2	12.5	CM132MA-4	1425	17.4	88	0.87	6.5	2.7	3.2	0.0409	60
11	15.0	CM132MB-4	1460	22	89	0.86	7	2.7	3.1	0.0588	64
11	15.0	CM160M-4	1445	21.3	88.7	0.84	6.5	1.8	2.8	0.075	125
15	20	CM160L-4	1455	28.6	90	0.84	7	1.9	2.9	0.092	147
18.5	25	CM180M-4	1470	34.3	90	0.86	7	1.9	2.9	0.139	170
22	30	CM180L-4	1470	39.7	91	0.88	7	2.1	2.8	0.158	185
30	40	CM200L-4	1470	53.5	92	0.88	7	2.3	3.2	0.262	285
37	50	CM225S-4	1475	67	92	0.87	7.5	2.2	3.5	0.406	338
45	60	CM225M-4	1475	81	92.4	0.87	7	2.2	3.2	0.469	358
55	75	CM250M-4	1475	98	92.8	0.87	7.5	2.6	3.4	0.66	450
75	100	CM280S-4	1480	132	93.5	0.88	7	2.5	3.2	1.12	563
90	125	CM280M-4	1480	155	94	0.89	7	2.5	3.2	1.46	635
110	150	CM315S-4	1485	191	94.4	0.88	7	2.7	3.3	3.11	1125
132	180	CM315M-4	1485	231	94.6	0.87	7	2.5	2.7	3.29	1175
160	220	CM315LA-4	1485	281	95.5	0.86	7	2.5	2.7	3.79	1240
200	270	CM315LB-4	1485	342	96	0.88	7	2.6	2.7	4.49	1340
250	315	CM355M-4	1485	422	95	0.9	7	2.6	2.7	5.67	2020
315	430	CM355L-4	1485	523	95.5	0.91	7	2.5	2.6	6.66	2180

DATI ELETTRICI MOTORI TRIFASE V400 HZ50
TECHNICAL DATA THREE-PHASE MOTORS V400 HZ50

POTENZA *OUTPUT*	TIPO *Type*	VELOCITA' *SPEED*	CORRENTE *CURRENT*	RENDIMENTO *EFFICIENCY*	FATTORE DI POTENZA *POWER FACTOR*	CORRENTE DI SPUNTO *STARTING CURRENT*	COPPIA DI SPUNTO *STARTING TORQUE*	COPPIA MASSIMA *MAXIMUM TORQUE*	MOMENTO D'INERZIA *MOMENT OF INERTIA*	PESO *MASS*
P2	-	n	Ir		cos	Is/Ir	Ms/Mr	Mmax/MR	J	m
KW HP	-	RPM	A	%	-	-	-	-	Kgm	Kg

6 POLI

0.12 0.16	CM63B-6	880	0.6	56	0.6	3.5	2	2.1	0.0011	4.2
0.18 0.25	CM71A-6	885	0.75	56	0.62	3.7	2	2.2	0.002	4.5
0.25 0.33	CM71B-6	885	1	59	0.62	3.7	2	2.2	0.0021	5.4
0.37 0.50	CM80A-6	915	1.25	65	0.66	4.5	2	2.2	0.0023	8.6
0.55 0.75	CM80B-6	915	1.65	68.5	0.7	4.5	2	2.2	0.0025	10.1
0.75 1.00	CM90S-6	920	2.1	70.5	0.72	4.5	2.2	2.3	0.0034	13.3
1.1 1.5	CM90L-6	920	2.9	74.5	0.74	4	2.3	2.4	0.0049	16.5
1.5 2.0	CM100L-6	925	4	76	0.72	6	2	2.2	0.0071	25.8
2.2 3.0	CM112M-6	945	5.3	81	0.74	6	1.9	2.1	0.0123	30.9
3.0 4.0	CM132S-6	960	7	83	0.79	5.9	2.2	2.6	0.0252	41
4.0 5.5	CM132MA-6	960	9	84	0.8	6	2.2	2.6	0.0368	50
5.5 7.5	CM132MB-6	950	12.2	83	0.82	5	2.2	2.5	0.0434	56
7.5 10.0	CM160M-6	965	16.1	87.5	0.77	6	2	2.8	0.088	122
11 15.0	CM160L-6	965	23	88.4	0.78	6.5	2.2	2.9	0.115	147
15 20	CM180L-6	970	30.2	88.6	0.81	7	2.3	3	0.207	180
18.5 25	CM200LA-6	975	36.2	90	0.82	5.5	1.8	2.7	0.315	260
22 30	CM200LB-6	975	42	90	0.84	6	2	2.5	0.35	270
30 40	CM225M-6	980	56.3	91.5	0.84	6.5	2	2.7	0.547	330
37 50	CM250M-6	980	66.7	92.1	0.87	6.5	2	2.7	0.835	425
45 60	CM280S-6	985	81	92	0.87	6	2.4	2.5	1.4	520
55 75	CM280M-6	985	99	92.6	0.87	5.5	2.7	2.8	1.65	570
75 100	CM315S-6	985	135	94.2	0.85	7.5	2	3.2	4.1	1070
90 125	CM315M-6	985	162	94.4	0.85	7.5	2	3.2	4.28	1120
110 150	CM315LA-6	985	198	94.3	0.85	7	1.4	2.7	5.45	1200
132 180	CM315LB-6	990	232	94.5	0.87	7	1.5	2.8	6.12	1290
160 220	CM355MA-6	990	276	95	0.88	7	1.4	2.7	8.85	1940
200 270	CM355MB-6	990	342	96	0.88	7	1.4	2.7	9.55	2040
250 315	CM355L-6	990	422	96	0.89	7	1.5	2.7	10.63	2220

DATI ELETTRICI MOTORI TRIFASE V400 HZ50
TECHNICAL DATA THREE-PHASE MOTORS V400 HZ50

POTENZA *OUTPUT*	TIPO *Type*	VELOCITA' *SPEED*	CORRENTE *CURRENT*	RENDIMENTO *EFFICIENCY*	FATTORE DI POTENZA *POWER FACTOR*	CORRENTE DI SPUNTO *STARTING CURRENT*	COPPIA DI SPUNTO *STARTING TORQUE*	COPPIA MASSIMA *MAXIMUM TORQUE*	MOMENTO D'INERZIA *MOMENT OF INERTIA*	PESO *MASS*
P2	-	n	Ir		cos	Is/Ir	Ms/Mr	Mmax/MR	J	m
KW HP	-	RPM	A	%	-	-	-	-	Kgm	Kg

8 POLI

0.12 0.16	CM71B-8	660	0.78	39.5	0.57	1.9	1.6	1.9	0.00108	6
0.18 0.25	CM80A-8	700	0.95	48	0.58	2.3	1.7	2.1	0.00194	8
0.25 0.33	CM80B-8	700	1.25	53	0.56	2.4	2	2.3	0.00221	9.2
0.37 0.50	CM90S-8	690	1.3	63	0.63	4	2.2	2.3	0.0038	13.3
0.55 0.75	CM90L-8	690	1.7	68	0.63	4	2.3	2.4	0.005	16.4
0.75 1.00	CM100LA-8	705	1.99	75	0.73	4	1.4	2	0.0093	23.4
1.1 1.5	CM100LB-8	700	2.86	77	0.72	3.5	1.4	2	0.01	25.2
1.5 2.0	CM112M-8	700	3.76	76	0.76	3.7	1.6	2	0.012	30.4
2.2 3.0	CM132S-8	705	5.6	75	0.75	4	1.7	2.3	0.053	46
3.0 4.0	CM132M-8	700	7.4	78	0.75	4	1.7	2.3	0.0625	53
4.0 5.5	CM160MA-8	720	9.6	81.4	0.74	4.8	1.8	2.2	0.075	110
5.5 7.5	CM160MB-8	720	12.5	85.5	0.74	4.8	1.8	2.2	0.093	120
7.5 10.0	CM160L-8	720	16.7	86.6	0.75	5.5	1.8	2.4	0.125	145
11 15.0	CM180L-8	720	24	87	0.76	5.5	1.8	2.4	0.203	170
15 20	CM200L-8	730	32	89	0.76	5.7	2	2.5	0.34	265
18.5 25	CM225S-8	730	39.7	89.7	0.75	5.8	2.1	2.5	0.49	315
22 30	CM225M-8	730	45	90.3	0.78	6	2	2.5	0.547	325
30 40	CM250M-8	730	60.7	90.3	0.79	6	2	3	0.83	430
37 50	CM280S-8	740	73.4	91	0.8	5.5	1.7	2.5	1.4	520
45 60	CM280M-8	740	87.6	91.5	0.81	4	1.7	2	1.65	575
55 75	CM315S-8	740	105	93.3	0.81	6.5	1.9	3	4.8	1040
75 100	CM315M-8	740	141	93.5	0.82	6.3	1.8	2.8	5.58	1150
90 125	CM315LA-8	740	169	93.7	0.82	6	1.8	2.5	6.37	1235
110 150	CM315LB-8	740	206	94	0.82	6	1.8	2.5	7.23	1325
132 180	CM355MA-8	745	242	94.8	0.83	6	1.9	2.4	10.55	1960
160 220	CM355MB-8	745	293	95	0.83	5.9	2	2.3	11.73	2020
200 270	CM355L-8	745	356	95.5	0.85	6	1.9	2.3	12.85	2190

DATI ELETTRICI MOTORI MONOFASE SERIE CMM V230 HZ50
TECHNICAL DATA SINGLE PHASE MOTORS SERIES CMM V230 HZ50

POTENZA *OUTPUT*	TIPO *Type*	VELOCITA' *SPEED*	CORRENTE *CURRENT*	RENDIMENTO *EFFICIENCY*	FATTORE DI POTENZA *POWER FACTOR*	CORRENTE DI SPUNTO *STARTING CURRENT*	COPPIA DI SPUNTO *STARTING TORQUE*	COPPIA MASSIMA *MAXIMUM TORQUE*	CONDENSATORE *CAPACITOR*	MOMENTO D'INERZIA *MOMENT OF INERTIA*	PESO *MASS*
P2	-	n	Ir		cos	Is/Ir	Ms/Mr	Mmax/MR	DB	J	m
KW HP	-	RPM	A	%	-	-	-	-	µF	Kgm	Kg

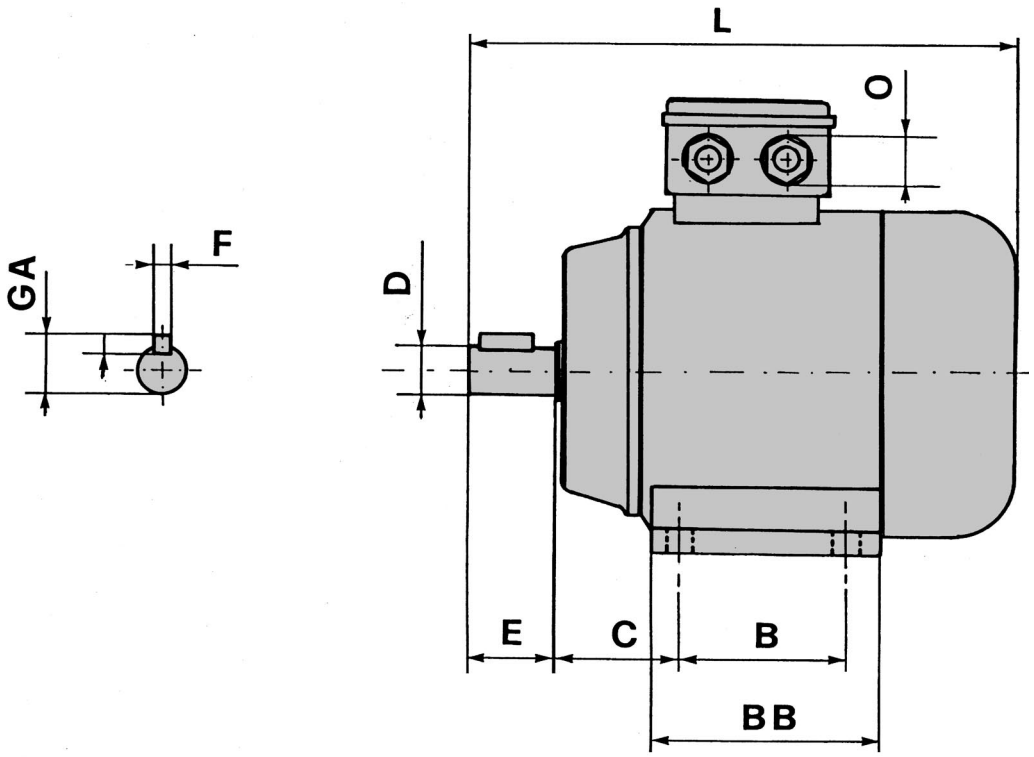
2 POLI

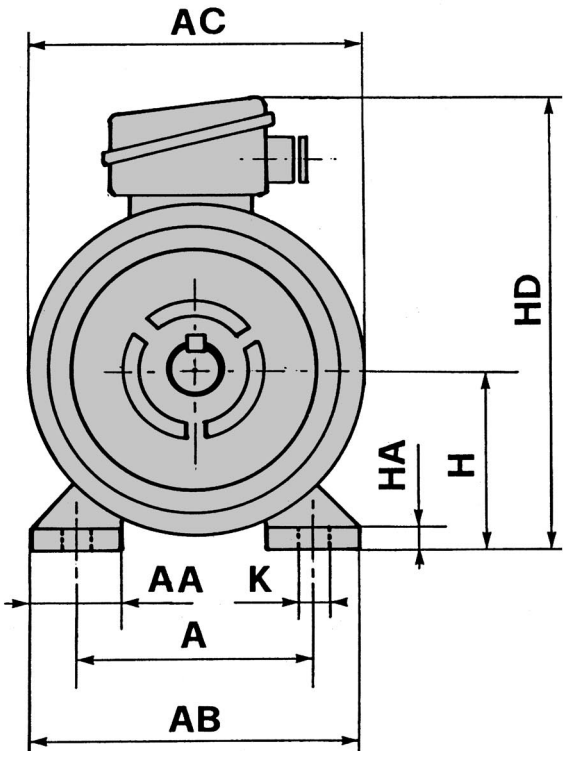
0.09 0.12	CMM56B-2	2870	0.76	55	0.93	4	0.56	2.3	4	0.000095	2.8
0.12 0.16	CMM56C-2	2870	0.94	62	0.9	4.2	0.48	2.4	4	0.000111	3.1
0.18 0.25	CMM63B-2	2780	1.43	60	0.91	2.9	0.46	1.7	6	0.000188	3.7
0.25 0.33	CMM63C-2	2800	1.9	60	0.95	2.9	0.4	1.7	8	0.000244	4.1
0.37 0.50	CMM71B-2	2840	2.7	67	0.9	3.4	0.4	2	10	0.000352	5.7
0.55 0.75	CMM71C-2	2820	3.92	68	0.9	3.4	0.32	1.9	12	0.000404	6.2
0.75 1.0	CMM80B-2	2850	5.1	73	0.95	4.3	0.6	2.4	30	0.001	9.8
1.1 1.5	CMM80C-2	2830	7	74	0.94	4	0.6	2.1	40	0.00101	10.6
1.5 2.0	CMM90S-2	2810	9.7	72	0.94	4.2	0.65	2.3	50	0.00172	16.5
1.8 2.5	CMM90LA-2	2820	12.2	72	0.9	4.2	0.6	2.2	50	0.0019	17.5
2.2 3.0	CMM90L-2	2800	13.9	73	0.91	3.9	0.6	2.1	60	0.00222	19.5
3.0 4.0	CMM100LB-2	2900	19.2	73	0.92	4.5	1.4	2.1	140/45	0.00589	23

4 POLI

0.06 0.09	CMM56B-4	1430	0.63	47	0.89	2.9	0.75	2.1	3	0.000199	3
0.09 0.12	CMM56C-4	1410	0.83	52	0.9	2.9	0.6	1.9	4	0.000237	3.2
0.12 0.16	CMM63B-4	1380	1.2	52	0.86	2.3	0.65	1.7	6	0.000155	4
0.18 0.25	CMM63C-4	1350	1.48	57	0.93	2.1	0.6	1.4	8	0.000221	4.3
0.25 0.33	CMM71B-4	1400	1.9	63	0.9	3	0.55	1.7	10	0.00072	6.2
0.37 0.50	CMM71C-4	1410	3	64	0.84	3.1	0.5	1.8	12	0.00093	7.1
0.55 0.75	CMM80B-4	1400	4.5	60	0.9	3	0.65	1.7	25	0.00153	9.3
0.75 1.0	CMM80C-4	1410	5.4	66	0.91	3.4	0.6	1.7	30	0.00167	10.7
1.1 1.5	CMM90S-4	1400	7.5	69	0.89	3.8	0.65	2	40	0.0026	15
1.5 2.0	CMM90L-4	1390	9.4	72	0.93	3.8	0.6	2	50	0.00347	17.6
2.2 3.0	CMM100LB-4	1440	14.3	73	0.92	4.5	1.4	1.8	140/45	0.00655	22

ESECUZIONE B3 / *EXECUTION IM B3*



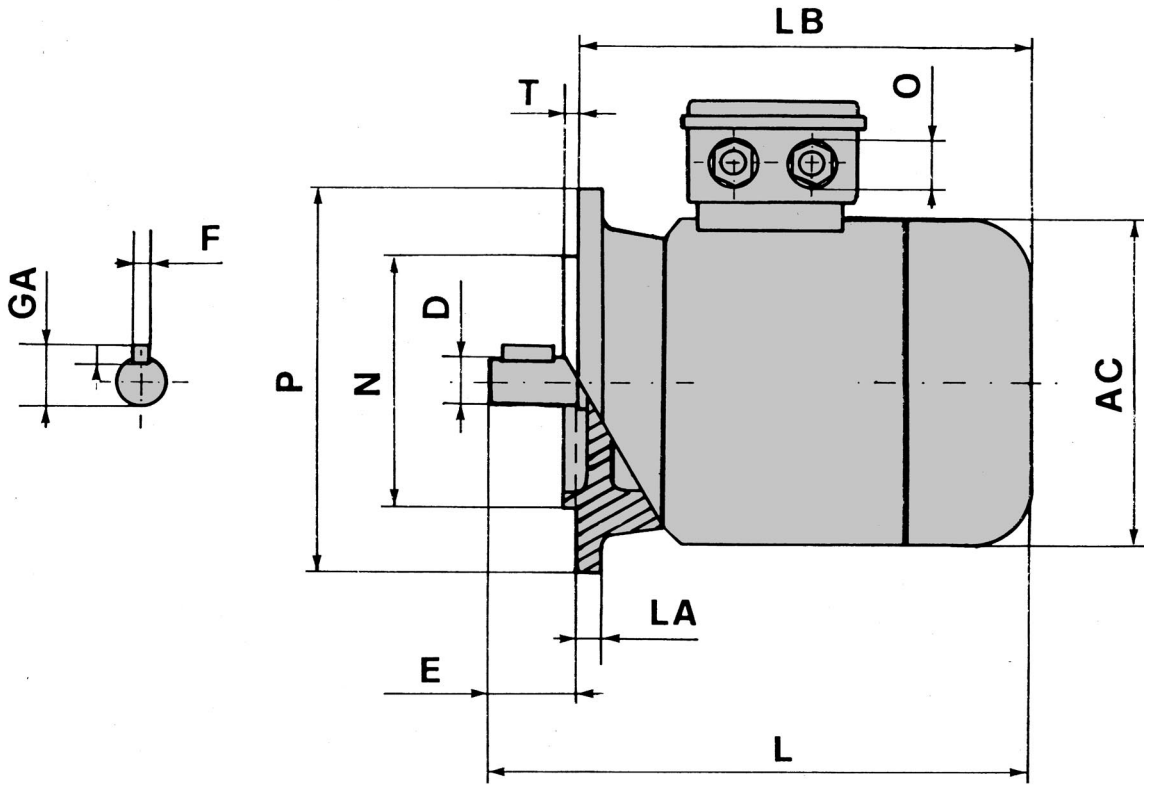


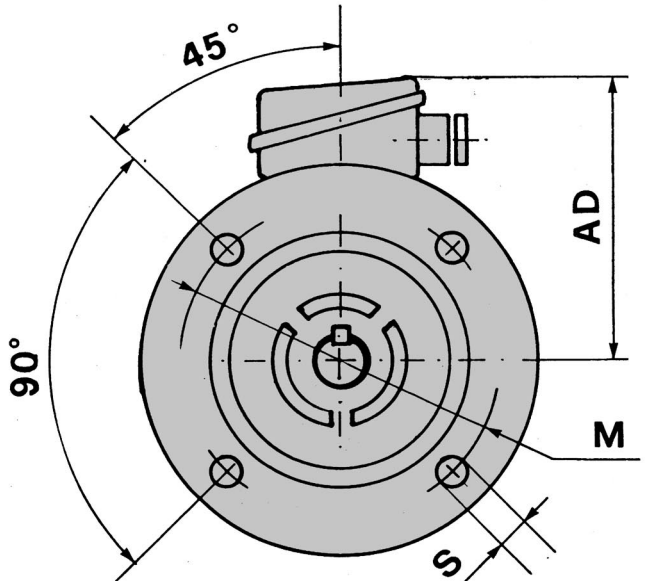
ESECUZIONE B3 / *EXECUTION IM B3*

tipo *type*	dimensioni *dimensions* mm													albero *shaft*			
IEC	B	A	AA	BB	AB	AC	H	L	HA	HD	K	O	C	D	E	GA	F
CM56, CMM56	71	90	22	87	106	110	56	191	6	145	5.8	M20	36	9	20	10.2	3
CM63, CMM63	80	100	24	98	120	123	63	216	7	151	7	M20	40	11	23	12.5	4
CM71, CMM71	90	112	30	110	135	140	71	244	7	167	7	M20	45	14	30	16	5
CM71	90	112	30	110	135	135	71	234	7	162	7	M20	45	14	30	16	5
CM80, CMM80	100	125	35	140	160	157	80	282	10	204	10	M20	50	19	40	21.5	6
CM80	100	125	35	140	160	163	80	272	10	190	10	M20	50	19	40	21.5	6
CM90S	100	140	34	134	174	180	90	301	10	215	10	M20	56	24	50	27	8
CMM90S	100	140	34	134	174	174	90	302	11	222	12	M20	56	24	50	27	8
CM90L, CMM90L	125	140	34	174	174	174	90	342	11	222	12	M20	56	24	50	27	8
CM90L	125	140	34	174	174	180	90	327	12	215	12	M20	56	24	50	27	8
CMM100L	140	160	40	187	192	192	100	373	12	240	12	M25	63	28	60	31	8
CM100LA, LB	140	160	40	187	192	226	100	360	12	240	12	M25	63	28	60	31	8
CM112M, L, N	140	190	42	180	230	226	112	391	12	258	12	M25	70	28	60	31	8
CM132S, SA, SB	140	216	57	184	260	255	132	475	13	310	12	M32	89	38	80	41	10
CM132MA, MB	178	216	57	222	260	255	132	505	13	310	12	M32	89	38	80	41	10
CM160MA, MB	210	254	65	260	314	325	160	615	20	425	15	M40	108	42	110	45	12
CM160L	254	254	65	305	314	325	160	670	20	425	15	M40	108	42	110	45	12
CM180M	241	279	70	311	349	380	180	700	22	455	15	M40	121	48	110	51.5	14
CM180L	279	279	70	348	349	380	180	740	22	455	15	M40	121	48	110	51.5	14
CM200L	305	318	70	370	388	410	200	770	25	510	19	M50	133	55	110	59	16
CM225S 4-8	286	356	77	370	431	470	225	820	28	560	19	M50	149	60	140	64	18
CM225M 2	311	356	77	393	431	470	225	815	28	560	19	M50	149	55	110	59	16
CM225M 4-8	311	356	77	393	431	470	225	845	28	560	19	M50	149	60	140	64	18
CM250M 2	349	406	80	444	480	495	250	915	30	615	24	M50	168	60	140	64	18
CM250M 4-8	349	406	80	445	480	495	250	915	30	615	24	M50	168	65	140	69	18
CM280S 2	368	457	85	485	542	580	280	985	35	690	24	M63	190	65	140	69	18
CM280S 4-8	368	457	85	485	542	580	280	985	35	690	24	M63	190	75	140	79.5	20
CM280M 2	419	457	85	538	542	580	280	1035	35	690	24	M63	190	65	140	69	18
CM280M 4-8	419	457	85	538	542	580	280	1035	35	690	24	M63	190	75	140	79.5	20
CM315S 2	406	508	120	570	628	645	315	1160	45	845	28	M110	216	65	140	69	18
CM315S 4-8	406	508	120	570	628	645	315	1190	45	845	28	M110	216	80	170	85	22
CM315M 2	457	508	120	680	628	645	315	1270	45	845	28	M110	216	65	140	69	18
CM315M 4-8	457	508	120	680	628	645	315	1240	45	845	28	M110	216	80	170	85	22
CM315L 2	508	508	120	740	628	645	315	1310	45	845	28	M110	216	65	140	69	18
CM315L 4-8	508	508	120	740	628	645	315	1340	45	845	28	M110	216	80	170	85	22
CM355M 2	560	610	120	750	730	710	355	1500	52	1010	28	M110	254	75	140	79.5	20
CM355M 4-8	560	610	120	750	730	710	355	1570	52	1010	28	M110	254	100	210	106	28
CM355L 2	630	610	120	750	730	710	355	1500	52	1010	28	M110	254	75	140	79.5	20
CM355L 4-8	630	610	120	750	730	710	355	1570	52	1010	28	M110	254	100	210	106	28

DIMENSIONI ED INGOMBRI MOTORI TRIFASE E MONOFASE
OVERALL Dimensions THREE-PHASE AND SINGLE-PHASE MOTORS

ESECUZIONE B5 / *EXECUTION IM B5*

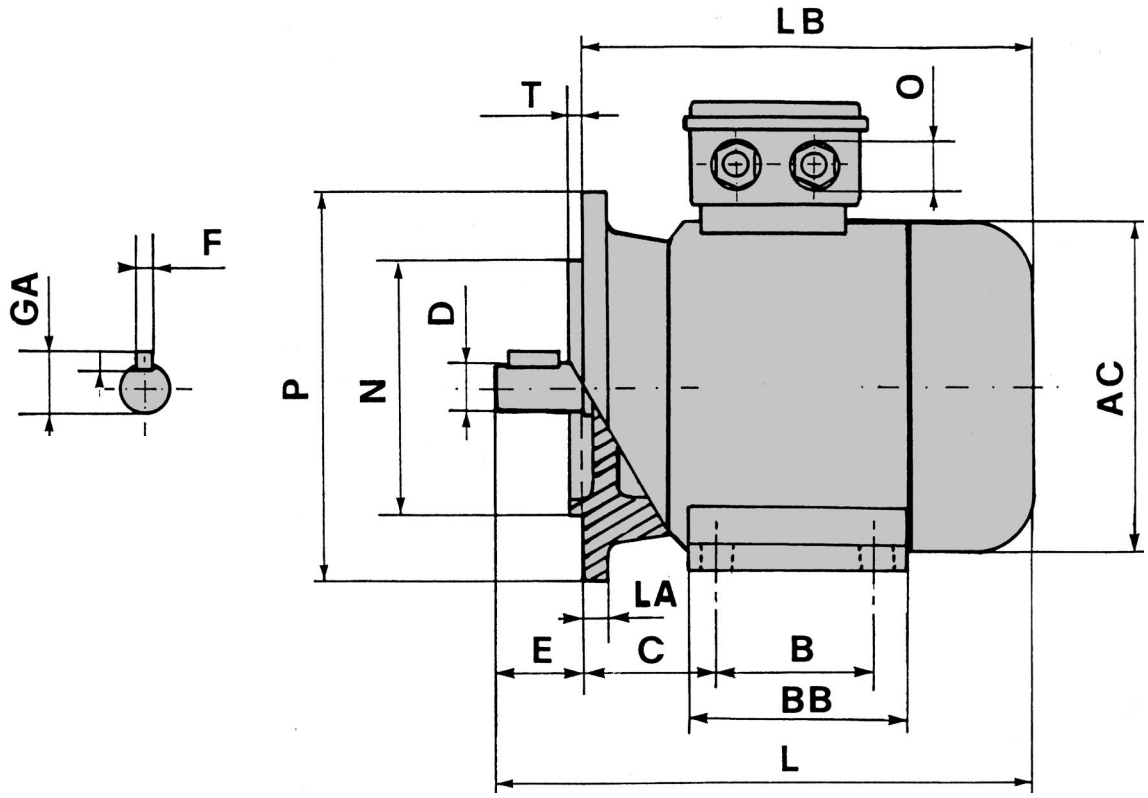


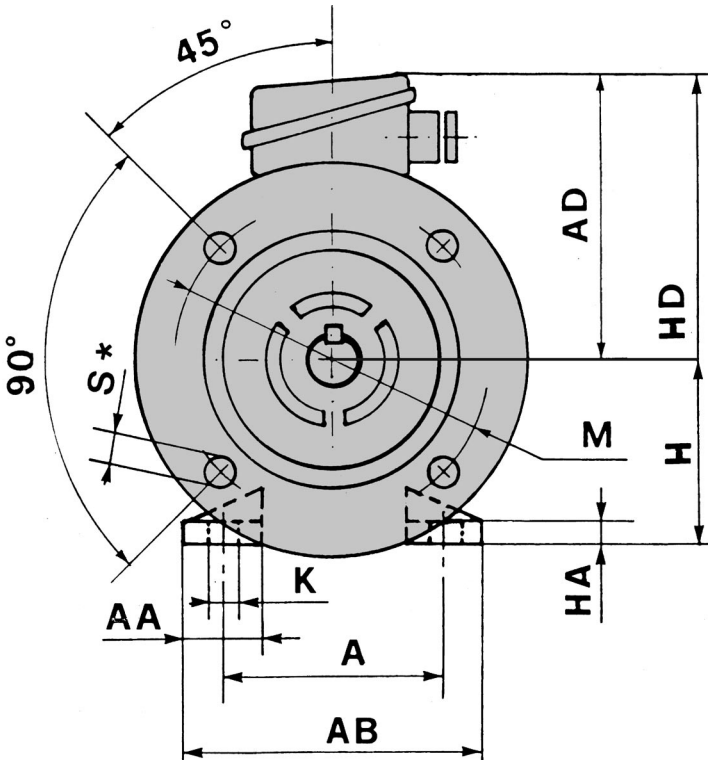


ESECUZIONE B5 / *EXECUTION IM B5*

tipo *type*	dimensioni *dimensions* mm												albero *shaft*		
IEC	AC	AD	L	LB	LA	M	N	P	S	T	O	D	E	GA	F
CM56, CMM56	110	89	191	171	8	100	80	120	7	3	M20	9	20	10.2	3
CM63, CMM63	123	88	216	193	10	115	95	140	10	3	M20	11	23	12.5	4
CM71, CMM71	140	96	244	214	8	130	110	160	10	3.5	M20	14	30	16	5
CM71	135	96	234	204	10	130	110	160	10	3.5	M20	14	30	16	5
CM80, CMM80	157	124	282	242	10	165	130	200	12	3.5	M20	19	40	21.5	6
CM80	163	124	272	232	10	165	130	200	12	3.5	M20	19	40	21.5	6
CM90S	180	132	301	232	10	165	130	200	12	3.5	M20	24	50	27	8
CMM90S	174	132	302	322	10	165	130	200	12	3.5	M20	24	50	27	8
CM90L, CMM90L	174	132	342	322	10	165	130	200	12	3.5	M20	24	50	27	8
CM90L	180	132	327	277	10	165	130	200	12	3.5	M20	24	50	27	8
CMM100	192	140	373	335	12	215	180	250	15	4	M25	28	60	31	8
CM100LA, LB	226	178	360	300	14	215	180	250	15	4	M25	28	60	31	8
CM112M, L, N	226	178	391	331	14	215	180	250	15	4	M25	28	60	31	8
CM132S, SA, SB	255	178	475	395	12	265	230	300	14	4	M32	38	80	41	10
CM32MA, MB	255	178	505	425	12	265	230	300	14	4	M32	38	80	41	10
CM160MA, MB	350	270	615	505	15	300	250	350	19	5	M40	42	110	45	12
CM160L	350	270	670	560	15	300	250	350	19	5	M40	42	110	45	12
CM180M	350	288	700	590	18	300	250	350	19	5	M40	48	110	51.5	14
CM180L	350	288	740	630	18	300	250	350	19	5	M40	48	110	51.5	14
CM200L	410	310	770	660	20	350	300	400	19	5	M50	55	110	59	16
CM225S 4-8	470	335	820	680	20	400	350	450	19	5	M50	60	140	64	18
CM225M 2	470	335	815	705	20	400	350	450	19	5	M50	55	110	59	16
CM225M 4-8	470	335	845	805	20	400	350	450	19	5	M50	60	140	64	18
CM250M 2	495	360	915	775	22	500	450	550	19	5	M50	60	140	64	18
CM250M 4-8	495	360	915	775	22	500	450	550	19	5	M50	65	140	69	18
CM280S 2	580	410	985	845	23	500	450	550	19	5	M63	65	140	69	18
CM280S 4-8	580	410	985	845	23	500	450	550	19	5	M63	75	140	79.5	20
CM280M 2	580	410	1035	895	23	500	450	550	19	5	M63	65	140	69	18
CM280M 4-8	580	410	1035	895	23	500	450	550	19	5	M63	75	140	79.5	20
CM315S 2	645	530	1160	1020	24	600	550	660	24	6	M110	65	140	69	18
CM315S 4-8	645	530	1190	1020	24	600	550	660	24	6	M110	80	170	85	22
CM315M 2	645	530	1270	1130	24	600	550	660	24	6	M110	65	140	69	18
CM315M 4-8	645	530	1240	1070	24	600	550	660	24	6	M110	80	170	85	22
CM315L 2	645	530	1310	1170	24	600	550	660	24	6	M110	80	140	85	22
CM315L 4-8	645	530	1340	1170	24	600	550	660	24	6	M110	80	170	85	22
CM355M 2	710	655	1500	1360	30	740	680	800	24	6	M110	75	140	79.5	20
CM355M 4-8	710	655	1570	1360	30	740	680	800	24	6	M110	100	210	106	28
CM355L 2	710	655	1500	1360	30	740	680	800	24	6	M110	75	140	79.5	20
CM355L 4-8	710	655	1570	1360	30	740	680	800	24	6	M110	100	210	106	28

ESECUZIONE B3-B5 / *EXECUTION IM B3-B5*

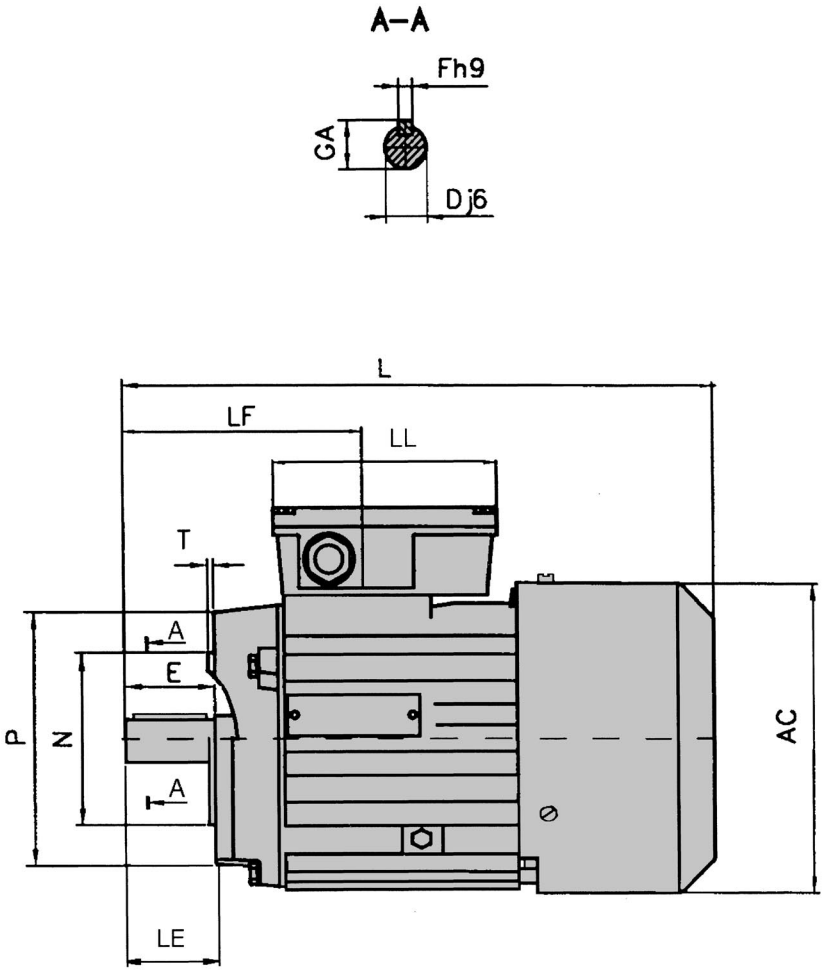


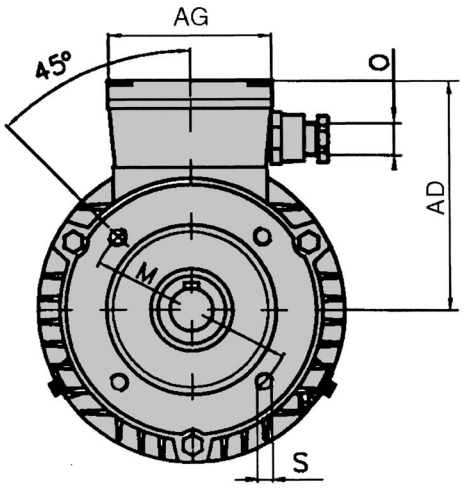


ESECUZIONE B3-B5 / *EXECUTION IM B3-B5*

tipo *type*	dimensioni *dimensions* mm																				albero *shaft*			
IEC	B	A	AA	BB	AB	AC	H	L	LB	HA	AD	HD	LA	M	N	P	S	T	K	O	C	D	E	GA	F
CM56, CMM56	71	90	22	87	106	110	56	191	171	6	89	145	8	100	80	120	7	3	5.8	M20	36	9	20	10.2	3
CM63, CMM63	80	100	24	98	120	123	63	216	193	7	88	151	10	115	95	140	10	3	7	M20	40	11	23	12.5	4
CM71, CMM71	90	112	30	110	135	140	71	244	214	7	96	167	8	130	110	160	10	3.5	7	M20	45	14	30	16	5
CM71	90	112	30	110	135	135	71	234	204	7	96	162	10	130	110	160	10	3.5	7	M20	45	14	30	16	5
CM80, CMM80	100	125	35	140	160	157	80	282	242	10	124	204	10	165	130	200	12	3.5	10	M20	50	19	40	21.5	6
CM80	100	125	35	140	160	163	80	272	232	10	124	190	10	165	130	200	12	3.5	10	M20	50	19	40	21.5	6
CM90S	100	140	34	134	174	180	90	301	232	10	132	215	10	165	130	200	12	3.5	10	M20	56	24	50	27	8
CMM90S	100	140	34	134	174	174	90	302	322	11	132	222	10	165	130	200	12	3.5	12	M20	56	24	50	27	8
CM90L, CMM90L	125	140	34	174	174	174	90	342	322	11	132	222	10	165	130	200	12	3.5	12	M20	56	24	50	27	8
CM90L	125	140	34	174	174	180	90	327	277	12	132	215	10	165	130	200	12	3.5	12	M20	56	24	50	27	8
CMM100	140	160	40	187	192	192	100	373	335	12	140	240	12	215	180	250	15	4	12	M25	63	28	60	31	8
CM100LA, LB	140	160	40	187	192	226	100	360	300	12	178	246	14	215	180	250	15	4	12	M25	63	28	60	31	8
CM112M, L, N	140	190	42	180	230	226	112	391	331	12	178	258	14	215	180	250	15	4	12	M25	70	28	60	31	8
CM132S, SA, SB	140	216	57	184	260	255	132	475	395	13	178	310	12	265	230	300	14	4	12	M32	89	38	80	41	10
CM132MA, MB	178	216	57	222	260	255	132	505	425	13	178	310	12	265	230	300	14	4	12	M32	89	38	80	41	10
CM160MA, MB	210	254	65	260	314	325	160	615	505	20	270	425	15	300	250	350	19	5	15	M40	108	42	110	45	12
CM160L	254	254	65	305	314	325	160	670	560	20	270	425	15	300	250	350	19	5	15	M40	108	42	110	45	12
CM180M	241	279	70	311	349	380	180	700	590	22	288	455	18	300	250	350	19	5	15	M40	121	48	110	51.5	14
CM180L	279	279	70	348	349	380	180	740	630	22	288	455	18	300	250	350	19	5	15	M40	121	48	110	51.5	14
CM200L	305	318	70	370	388	410	200	770	660	25	310	510	20	350	300	400	19	5	19	M50	133	55	110	59	16
CM225S 4-8	286	356	77	370	431	470	225	820	680	28	335	560	20	400	350	450	19	5	19	M50	149	60	140	64	18
CM225M 2	311	356	77	393	431	470	225	820	705	28	335	560	20	400	350	450	19	5	19	M50	149	55	110	59	16
CM225M 4-8	311	356	77	393	431	470	225	845	705	28	335	560	20	400	350	450	19	5	19	M50	149	60	140	64	18
CM250M 2	349	406	80	445	480	495	250	910	775	30	360	615	22	500	450	550	19	5	24	M50	168	60	140	64	18
CM250M 4-8	349	406	80	445	480	495	250	910	775	30	360	615	22	500	450	550	19	5	24	M63	168	65	140	69	18
CM280S 2	368	457	85	485	542	580	280	985	845	35	410	690	23	500	450	550	19	5	24	M63	190	65	140	69	18
CM280S 4-8	368	457	85	485	542	580	280	985	845	35	410	690	23	500	450	550	19	5	24	M63	190	75	140	79.5	20
CM280M 2	419	457	85	538	542	580	280	1035	895	35	410	690	23	500	450	550	19	5	24	M63	190	65	140	69	18
CM280M 4-8	419	457	85	538	542	580	280	1035	895	35	410	690	23	500	450	550	19	5	24	M63	190	75	140	79.5	20
CM315S 2	406	508	120	570	628	645	315	1160	1020	45	530	845	24	600	550	660	24	6	28	M110	216	65	140	69	18
CM315S 4-8	406	508	120	570	628	645	315	1270	1200	45	530	845	24	600	550	660	24	6	28	M110	216	75	170	85	22
CM315M 2	457	508	120	680	628	645	315	1190	1050	45	530	845	24	600	550	660	24	6	28	M110	216	65	140	69	18
CM315M 4-8	457	508	120	680	628	645	315	1300	1125	45	530	845	24	600	550	660	24	6	28	M110	216	80	170	85	22
CM315L 2	508	508	120	740	628	645	315	1190	1140	45	530	845	24	600	550	660	24	6	28	M110	216	65	140	69	18
CM315L 4-8	508	508	120	740	628	645	315	1300	1125	45	530	845	24	600	550	660	24	6	28	M110	216	80	170	85	22
CM355M 2	560	610	120	750	730	710	355	1500	1360	52	655	1010	30	740	680	800	24	6	28	M110	254	75	140	79.5	20
CM355M 4-8	560	610	120	750	730	710	355	1570	1360	52	655	1010	30	740	680	800	24	6	28	M110	254	100	210	106	28
CM355L 2	630	610	120	750	730	710	355	1500	1360	52	655	1010	30	740	680	800	24	6	28	M110	254	75	140	79.5	20
CM355M 4-8	630	610	120	750	730	710	355	1570	1360	52	655	1010	30	740	680	800	24	6	28	M110	254	100	210	106	28

ESECUZIONE B14 / *EXECUTION IM B14*

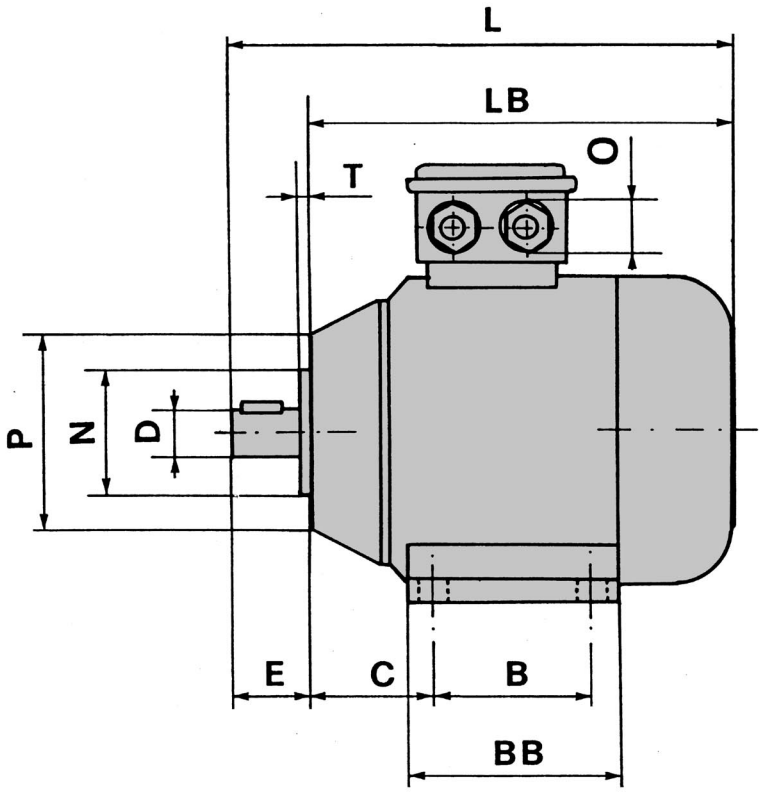


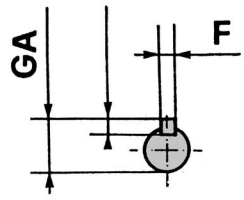


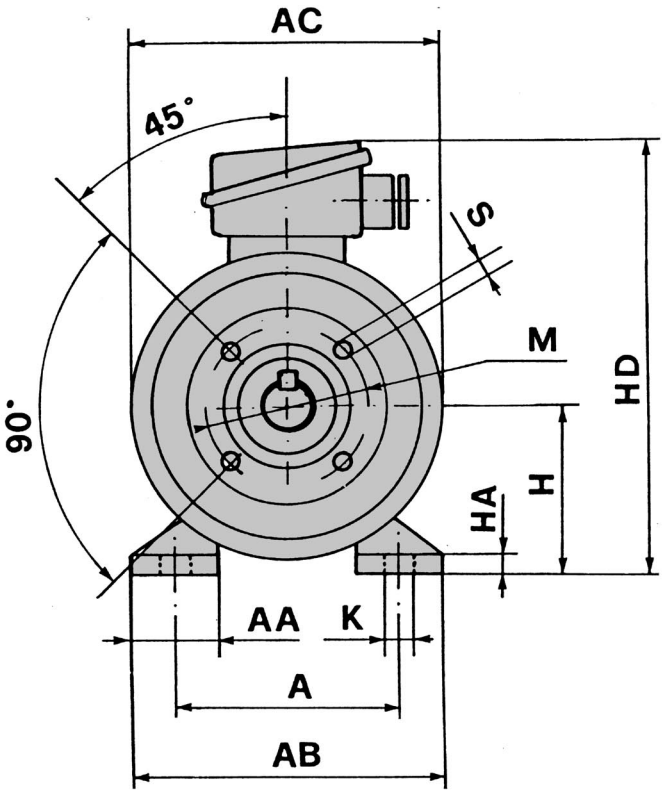
ESECUZIONE B14 / *EXECUTION IM B14*

tipo *type*	dimensioni *dimensions* mm										albero *shaft*			
IEC	P	N	M	T	AC	AD	L	LF	S	O	D	E. EA	GA	F
CM56, CMM56	80	50	65	2.5	110	89	191	82	M5	M20	9	20	10.2	3
CM63, CMM63	90	60	75	2.5	122	88	216	86	M5	M20	11	23	12.5	4
CM71, CMM71	105	70	85	2.5	140	96	244	97	M6	M20	14	30	16	5
CM71	105	70	85	2.5	135	96	234	97	M6	M20	14	30	16	5
CM80, CMM80	120	80	100	3	157	124	282	121	M6	M20	19	40	21.5	6
CM80	120	80	100	3	163	124	272	121	M6	M20	19	40	21.5	8
CM90S	140	95	115	3	180	132	301	132	M8	M20	24	50	27	8
CMM90S	140	95	115	3	176	132	372	132	M8	M20	24	50	27	8
CM90L, CMM90L	140	95	115	3	176	132	372	132	M8	M20	24	50	27	8
CM90L	140	95	115	3	180	132	327	132	M8	M20	24	50	27	8
CMM100	160	110	130	3.5	192	140	395	142	M8	M25	28	60	31	8
CM100LA, LB	160	110	130	3.5	226	140	360	142	M8	M25	28	60	31	8
CM112M, L, N	160	110	130	3.5	226	150	391	142	M8	M25	28	60	31	8
CM132S	200	130	165	3.5	255	178	475	171	M10	M32	38	80	41	10
CM132M	200	130	165	3.5	255	178	505	171	M10	M32	38	80	41	10

ESECUZIONE B3-B14 / *EXECUTION IM B3-B14*







ESECUZIONE B3-B14 / *EXECUTION IM B3-B14*

tipo *type*	dimensioni *dimensions* mm								albero *shaft*			
IEC	B	A	AA	BB	AB	H	C	K	D	E. EA	GA	F
CM56, CMM56	71	90	22	87	106	56	36	5.8	9	20	10.2	3
CM63, CMM63	80	100	24	98	120	63	40	7	11	23	12.5	4
CM71, CMM71	90	112	30	110	135	71	45	7	14	30	16	5
CM71	90	112	30	110	135	71	45	7	14	30	16	5
CM80, CMM80	100	125	35	140	160	80	50	10	19	40	21.5	6
CM80	100	125	35	140	160	80	56	10	19	40	21.5	6
CM90S	100	140	35	134	174	90	56	12	24	50	27	8
CMM90S	100	140	35	134	174	90	56	12	24	50	27	8
CM90L, CMM90L	125	140	35	174	174	90	56	12	24	50	27	8
CM90L	125	140	35	174	174	90	56	12	24	50	27	8
CMM100	140	160	40	187	200	100	63	12	28	60	31	8
CM100LA, LB	140	160	40	187	200	100	63	12	28	60	31	8
CM112M, L, N	140	190	40	180	230	112	70	12	28	60	31	8
CM132S	140	216	57	184	260	132	89	12	38	80	41	10
CM132M	178	216	57	222	260	132	89	12	38	80	41	10

IEC	P	N	M	T	AD	S	LF	LB	L	HA	HD	O
CM56, CMM56	80	50	65	2.5	89	M5	82	171	191	6	145	M20
CM63, CMM63	90	60	75	2.5	88	M5	86	193	216	7	151	M20
CM71, CMM71	105	70	85	2.5	96	M6	97	214	244	7	167	M20
CM71	105	70	85	2.5	96	M6	97	204	234	7	162	M20
CM80, CMM80	120	80	100	3	124	M6	121	242	282	10	204	M20
CM80	120	80	100	3	124	M6	121	232	272	10	190	M20
CM90S	140	95	115	3	132	M8	132	251	301	11	215	M20
CMM90S	140	95	115	3	132	M8	132	322	372	11	222	M20
CM90L, CMM90L	140	95	115	3	132	M8	132	322	372	11	222	M20
CM90L	140	95	115	3	132	M8	132	287	327	11	215	M20
CMM100	160	110	130	3.5	140	M8	142	335	395	12	240	M25
CM100LA, LB	160	110	130	3.5	140	M8	142	300	360	12	246	M25
CM112M, L, N	160	110	130	3.5	140	M8	142	331	391	12	258	M25
CM132S	200	130	165	3.5	178	M10	171	395	475	13	310	M32
CM132M	200	130	165	3.5	178	M10	171	425	505	13	310	M32

DATI ELETTRICI MOTORI AUTOFRENANTI SERIE CMF V400 HZ50
TECHNICAL DATA SELFBRAKING MOTORS SERIES CMF V400 HZ50

POTENZA *OUTPUT*	TIPO *Type*	VELOCITA' *SPEED*	CORRENTE *CURRENT*	RENDIMENTO *EFFICIENCY*	FATTORE DI POTENZA *POWER FACTOR*	CORRENTE DI SPUNTO *STARTING CURRENT*	COPPIA DI SPUNTO *STARTING TORQUE*	COPPIA MASSIMA *MAXIMUM TORQUE*	MOMENTO FRENANTE *BRAKE MOMENT*	MOMENTO D'INERZIA *MOMENT OF INERTIA*	PESO *MASS*
P2	-	n	Ir		cos	Is/Ir	Ms/Mr	Mmax/MR	Mbr	J	m
KW HP	-	RPM	A	%	-	-	-	-	Nm	Kgm	Kg

2 POLI

0.09 0.12	CMF56A-2CB	2850	0.26	63	0.79	4.4	2	2.7	0.8/1.6	0.0003975	4.5
0.12 0.16	CMF56B-2CB	2830	0.37	64	0.74	4	2.3	2.5	0.8/1.6	0.0003975	4.5
0.18 0.25	CMF63A-2CB	2770	0.49	64	0.81	3.9	2.1	2.4	1.25/2.5	0.0005844	6.5
0.25 0.33	CMF63B-2CB	2770	0.67	69	0.78	4.1	2.2	2.5	1.25/2.5	0.0006314	6.9
0.37 0.50	CMF71A-2CB	2800	0.91	71	0.83	4.3	2.2	2.4	2.5/5	0.000943	8.5
0.55 0.75	CMF71B-2CB	2790	1.33	71	0.81	4.1	2.3	2.4	2.5/5	0.000962	8.8
0.75 1.0	CMF80A-2CB	2820	1.9	72	0.82	5	2.4	2.6	5.0/10	0.002805	11.5
1.1 1.5	CMF80B-2CB	2820	2.55	77	0.81	5.3	2.6	2.6	5.0/10	0.002905	12.7
1.5 2.0	CMF90S-2CB	2875	3.3	77	0.82	6.6	2.7	3	10.0/20	0.00404	16.8
2.2 3.0	CMF90L-2CB	2860	4.8	80	0.85	6.8	3.1	3.2	10.0/20	0.00423	20.3
3.0 4.0	CMF100L-2CB	2880	6.2	82	0.87	7.2	2.5	2.7	15/30	0.00852	25.4
4.0 5.5	CMF112M-2CB	2870	8.2	83	0.88	7.2	2.7	3	20/40	0.01153	33.2
5.5 7.5	CMF112MT-2CB	2870	11.4	83	0.86	7.2	2.8	3	20/40	0.01308	37.8
5.5 7.5	CMF132SA-2CB	2900	11.2	85	0.87	6	2.3	3.1	35/70	0.0338	64
7.5 10.0	CMF132SB-2CB	2905	14.3	85	0.89	7	2.1	2.8	35/70	0.0365	70
9.2 12.5	CMF132MA-2CB	2890	18	84	0.88	7.5	2.5	3.2	35/70	0.0381	80
11 15.0	CMF132MB-2CB	2890	21	88	0.9	7.8	3.3	3.3	35/70	0.0403	82

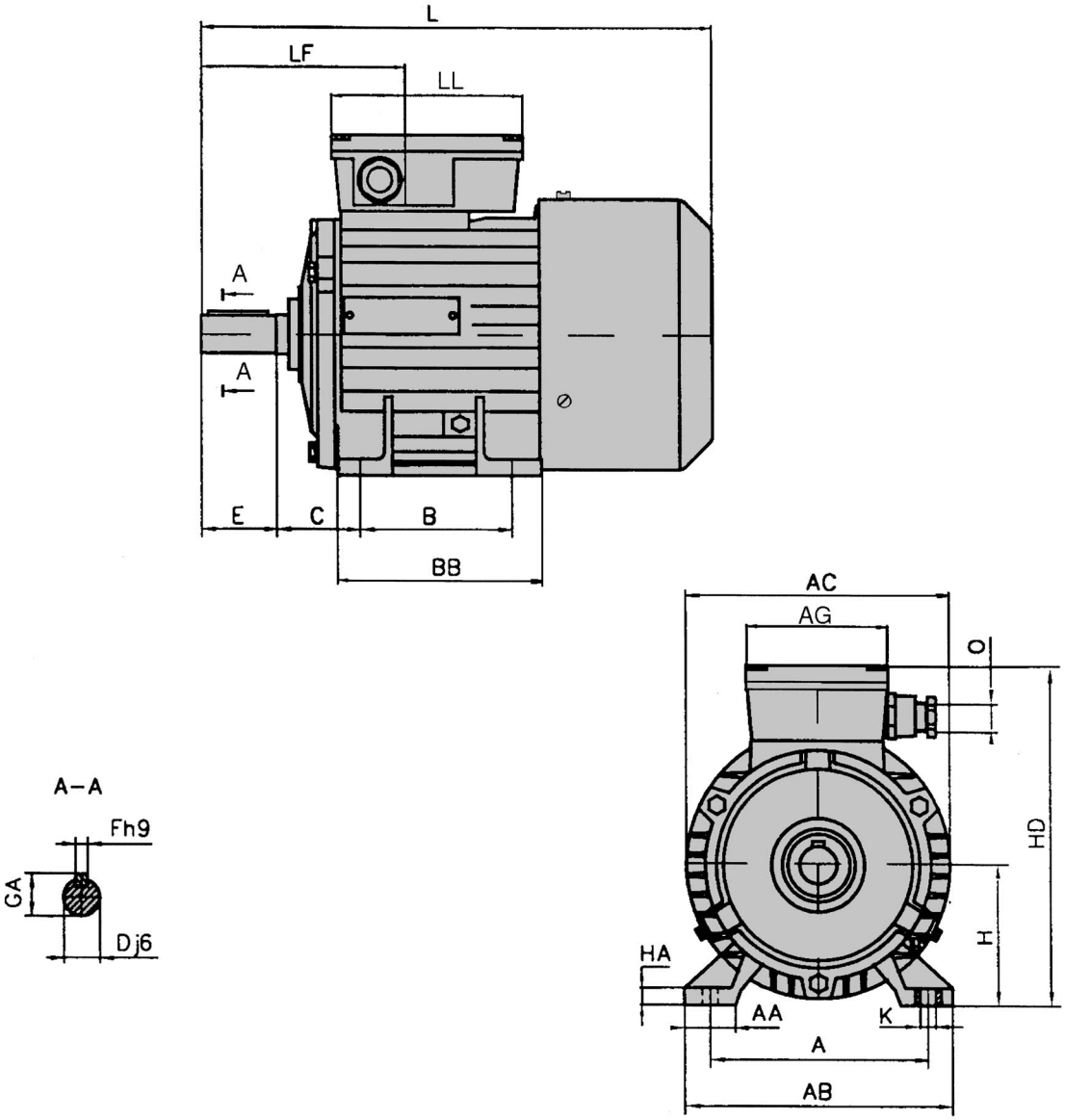
4 POLI

0.06 0.09	CMF56A-4CB	1400	0.25	54	0.64	3	2.1	2.4	0.8/1.6	0.0004575	4.3
0.09 0.12	CMF56B-4CB	1380	0.37	56	0.63	2.9	2.4	2.5	0.8/1.6	0.0005015	4.7
0.12 0.16	CMF63A-4CB	1340	0.42	59	0.7	3	2	2.1	1.25/2.5	0.0006204	5.7
0.18 0.25	CMF63B-4CB	1320	0.58	62	0.72	3	2	2	1.25/2.5	0.0006744	6.1
0.25 0.33	CMF71A-4CB	1350	0.79	65	0.7	3.1	2	2.1	2.5/5	0.0012	8.5
0.37 0.50	CMF71B-4CB	1360	1.12	66	0.72	3.2	2.1	2.2	2.5/5	0.00133	9.4
0.55 0.75	CMF80A-4CB	1400	1.62	69	0.74	3.7	1.8	2.2	5.0/10	0.003185	11.5
0.75 1.0	CMF80B-4CB	1400	2.2	71	0.7	4.4	2.2	2.5	5.0/10	0.003445	12.7
1.1 1.5	CMF90S-4CB	1410	2.8	75	0.78	4.6	2.2	2.4	10.0/20	0.00496	16.7
1.5 2.0	CMF90L-4CB	1400	3.65	76	0.8	4.8	2.2	2.6	10.0/20	0.00519	19.3
2.2 3.0	CMF100LA-4CB	1410	5.1	79	0.82	5.6	2.2	2.6	15/30	0.00983	25
3.0 4.0	CMF100LB-4CB	1410	6.8	81	0.82	5.8	2.7	2.8	15/30	0.01099	28.9
4.0 5.5	CMF112M-4CB	1420	8.7	82	0.83	6	2.7	2.9	20/40	0.0166	35.8
5.5 7.5	CMF112MB-4CB	1400	11.5	83	0.83	6.3	2.8	3.1	20/40	0.0197	50
5.5 7.5	CMF132S-4CB	1440	11.5	85	0.83	6.2	2.6	2.8	35/70	0.0443	69
7.5 10.0	CMF132M-4CB	1445	15.5	86	0.83	6.7	2.7	3	35/70	0.0519	81
9.2 12.5	CMF132MA-4CB	1430	18.9	88	0.83	6	2.9	3	35/70	0.0555	92
11 15.0	CMF132MB-4CB	1440	21.7	90	0.82	6	2.5	2.7	35/70	0.0608	99

DATI ELETTRICI MOTORI AUTOFRENANTI SERIE CMF V400 HZ50
TECHNICAL DATA SELFBRAKING MOTORS SERIES CMF V400 HZ50

POTENZA *OUTPUT*	TIPO *Type*	VELOCITA' *SPEED*	CORRENTE *CURRENT*	RENDIMENTO *EFFICIENCY*	FATTORE DI POTENZA *POWER FACTOR*	CORRENTE DI SPUNTO *STARTING CURRENT*	COPPIA DI SPUNTO *STARTING TORQUE*	COPPIA MASSIMA *MAXIMUM TORQUE*	MOMENTO FRENANTE *BRAKE MOMENT*	MOMENTO D'INERZIA *MOMENT OF INERTIA*	PESO *MASS*
P2	-	n	Ir		cos	Is/Ir	Ms/Mr	Mmax/MR	Mbr	J	m
KW HP	-	RPM	A	%	-	-	-	-	Nm	Kgm	Kg
6 POLI											
0.12 0.16	CMF63B-6CB	880	0.6	55	0.6	2.1	1.8	2	1.5/2.5	0.0011	6.1
0.18 0.25	CMF71A-6CB	900	0.66	57	0.68	2.5	1.8	2	2.5/5	0.00154	8.5
0.25 0.33	CMF71B-6CB	880	0.91	60	0.66	2.8	1.9	2	2.5/5	0.00169	9
0.37 0.50	CMF80A-6CB	930	1.3	62	0.67	3.5	2	2.1	5.0/10	0.003645	11.5
0.55 0.75	CMF80B-6CB	925	1.91	66	0.66	3.3	2	2.3	5.0/10	0.004115	12.5
0.75 1.0	CMF90S-6CB	935	2.1	72	0.73	4	2.1	2.4	10.0/20	0.00615	17.3
1.1 1.5	CMF90L-6CB	930	2.9	75	0.75	4.6	2.3	2.4	10.0/20	0.00733	20.8
1.5 2.0	CMF100L-6CB	920	4	75	0.77	5	1.8	2.1	15/30	0.01388	25.9
2.2 3.0	CMF112M-6CB	940	5.9	78	0.78	4.9	2	2.5	20/40	0.0204	34.3
3.0 4.0	CMF132S-6CB	960	7.3	81	0.76	5	1.7	2.4	35/70	0.0447	62
4.0 5.5	CMF132MA-6CB	960	9.7	83	0.73	6	2.3	2.8	35/70	0.0519	72.5
5.5 7.5	CMF132MB-6CB	960	13.9	83	0.71	6.2	2.4	2.8	35/70	0.0583	81
8 POLI											
0.09 0.12	CMF71A-8CB	690	0.68	38	0.5	1.9	2	2.5	2.5/5	0.00154	8.7
0.12 0.16	CMF71B-8CB	660	0.78	39.5	0.57	1.9	1.6	1.9	2.5/5	0.00169	9.4
0.18 0.25	CMF80A-8CB	700	0.95	48	0.58	2.3	1.7	2.1	5.0/10	0.003845	11.5
0.25 0.33	CMF80B-8CB	700	1.25	53	0.56	2.4	2	2.3	5.0/10	0.004115	12.8
0.37 0.50	CMF90S-8CB	680	1.35	63	0.67	3.2	1.6	1.9	10.0/20	0.00615	18.3
0.55 0.75	CMF90L-8CB	680	1.9	65	0.66	3.2	1.7	1.9	10.0/20	0.00733	20.8
0.75 1.0	CMF100LA-8CB	700	2.6	68	0.65	3.6	1.6	2.1	15/30	0.01152	23.4
1.1 1.5	CMF100LB-8CB	690	3.6	68	0.68	3.3	1.8	2	15/30	0.01266	25.9
1.5 2.0	CMF112M-8CB	705	4.6	73	0.65	4.3	2.2	2.5	20/40	0.0204	33.3
2.2 3.0	CMF132S-8CB	705	6.4	77	0.68	4.1	2.1	2.3	35/70	0.0486	63
3.0 4.0	CMF132M-8CB	705	8.3	78	0.7	4.1	2.1	2.4	35/70	0.0575	73

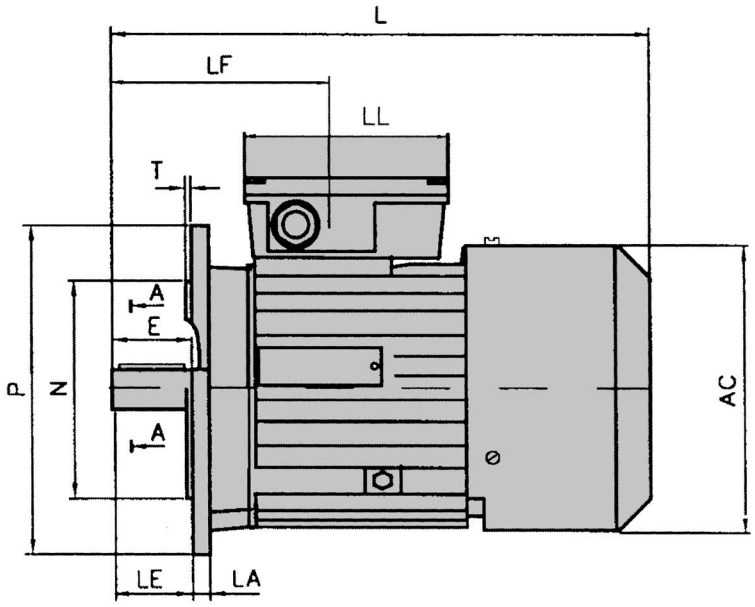
DIMENSIONI ED INGOMBRI MOTORI AUTOFRENANTI SERIE CMF
OVERALL Dimensions SELFBRAKING MOTORS SERIES CMF

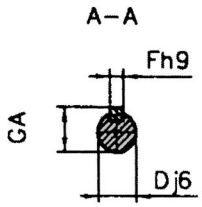


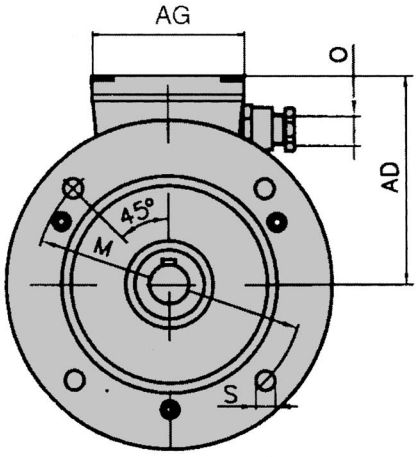
ESECUZIONE B3 / *EXECUTION IM B3*

tipo *type*	dimensioni *dimensions* mm														albero *shaft*			
IEC	B	A	HA	BB	AB	AC	H	L	AA	HD	LF	K	O	C	D	E	GA	F
CMF56 CB	71	90	6	87	106	110	56	230	22	158	82	5.8	Pg11	36	9	20	10.2	3
CMF63 CB	80	100	7	98	120	123	63	250	24	165	86	7	Pg11	40	11	23	12.5	4
CMF71 CB	90	112	7	110	135	140	71	280	30	183	97	7	Pg11	45	14	30	16	5
CMF80 CB	100	125	10	140	160	157	80	315	35	204	121	10	Pg16	50	19	40	21.5	6
CMF90S CB	100	140	11	134	174	174	90	330	34	222	132	12	Pg16	56	24	50	27	8
CMF90L CB	125	140	11	174	174	174	90	370	34	222	132	12	Pg16	56	24	50	27	8
CMF100L, LA, LB CB	140	160	12	187	200	192	100	408	40	240	142	12	Pg16	63	28	60	31	8
CMF112M CB	140	190	12	180	230	220	112	413	42	262	142	12	Pg16	70	28	60	31	8
CMF112MB-4CB	140	190	12	180	230	220	112	440	42	262	142	12	Pg16	70	28	60	31	8
CMF132S, SA ,SB CB	140	216	12	197	254	257	132	503	46	313	171	12	Pg21	89	38	80	41	10
CMF132M, MA, MB CB	178	216	12	243	254	257	132	549	46	313	171	12	Pg21	89	38	80	41	10
CMF132M, MA-4, MB-4 CB	178	216	12	243	254	257	132	595	46	313	171	12	Pg21	89	38	80	41	10

DIMENSIONI ED INGOMBRI MOTORI AUTOFRENANTI SERIE CMF
OVERALL Dimensions SELFBRAKING MOTORS SERIES CMF



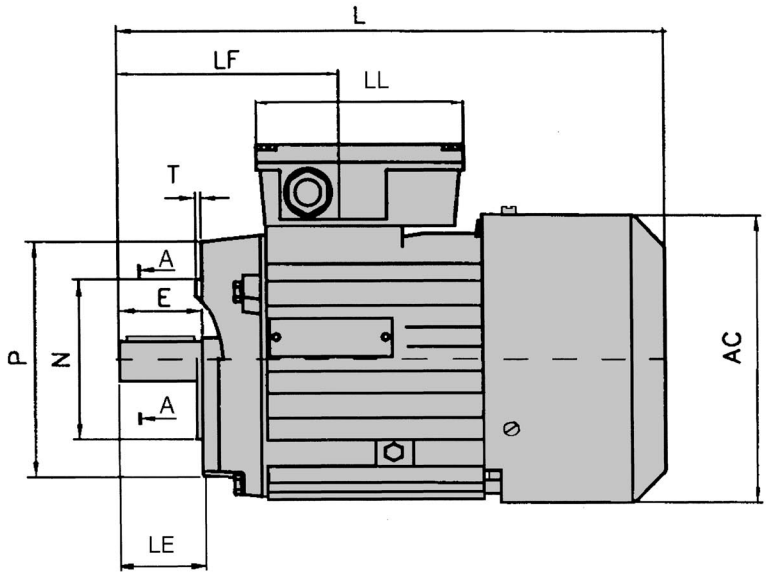


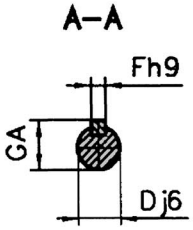


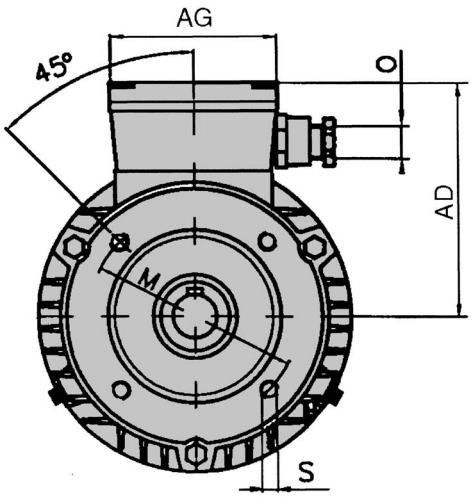
ESECUZIONE B5 / *EXECUTION IM B5*

tipo *type*	dimensioni *dimensions* (mm)											albero *shaft*			
IEC	P	N	LA	M	T	AC	AD	L	LF	S	O	D	E	GA	F
CMF56 CB	120	80	8	100	3	110	102	230	82	7	Pg11	9	20	10.2	3
CMF63 CB	140	95	10	115	3	123	102	250	86	10	Pg11	11	23	12.5	4
CMF71 CB	160	110	8	130	3.5	140	112	280	97	10	Pg11	14	30	16	5
CMF80 CB	200	130	10	165	3.5	157	124	315	121	12	Pg16	19	40	21.5	6
CMF90S CB	200	130	10	165	3.5	174	132	330	132	12	Pg16	24	50	27	8
CMF90L CB	200	130	10	165	3.5	174	132	370	132	12	Pg16	24	50	27	8
CMF100L, LA, LB CB	250	180	12	215	4	192	142	408	142	15	Pg16	28	60	31	8
CMF112M CB	250	180	12	215	4	220	142	413	142	15	Pg16	28	60	31	8
CMF112MB-4CB	250	180	12	215	4	220	142	440	142	15	Pg16	28	60	31	8
CMF132S, SA, SB CB	300	230	15	265	4	257	171	503	171	15	Pg21	38	80	41	10
CMF132M, MA, MB CB	300	230	15	265	4	257	171	549	171	15	Pg21	38	80	41	10
CMF132M, MA-4, MB-4 CB	300	230	15	265	4	257	171	595	171	15	Pg21	38	80	41	10

DIMENSIONI ED INGOMBRI MOTORI AUTOFRENANTI SERIE CMF
OVERALL Dimensions SELFBRAKING MOTORS SERIES CMF







ESECUZIONE B14 / *EXECUTION IM B14*

tipo *type*	dimensioni *dimensions* (mm)										albero *shaft*			
IEC	P	N	M	T	AC	AD	L	LF	S	O	D	E	GA	F
CMF56 CB	80	50	65	2.5	110	102	230	82	M5	Pg11	9	20	10.2	3
CMF63 CB	90	60	75	2.5	123	102	250	86	M5	Pg11	11	23	12.5	4
CMF71 CB	105	70	85	2.5	140	112	280	97	M6	Pg11	14	30	16	5
CMF80 CB	120	80	100	3	157	124	315	121	M6	Pg16	19	40	21.5	6
CMF90S CB	140	95	115	3	174	132	330	132	M8	Pg16	24	50	27	8
CMF90L CB	140	95	115	3	174	132	370	132	M8	Pg16	24	50	27	8
CMF100L, LA, LB CB	160	110	130	3.5	192	142	408	142	M8	Pg16	28	60	31	8
CMF112M CB	160	110	130	3.5	192	142	413	142	M8	Pg16	28	60	31	8
CMF112MB-4CB	160	110	130	3.5	192	142	440	142	M8	Pg16	28	60	31	8