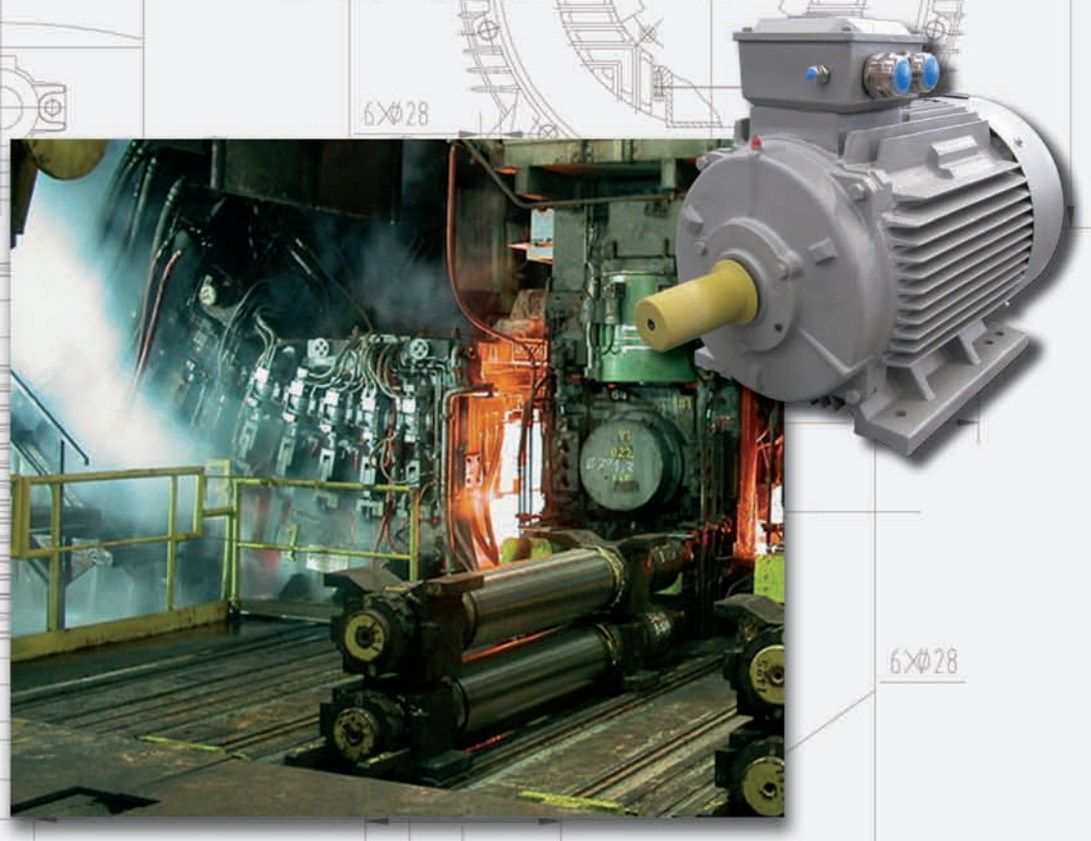
ELECTRIC MOTORS

Standard Motors Ghisa
IE1 - IE2

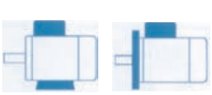
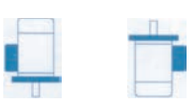
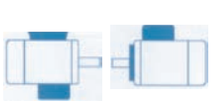
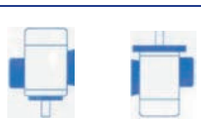
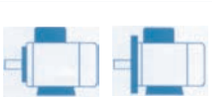


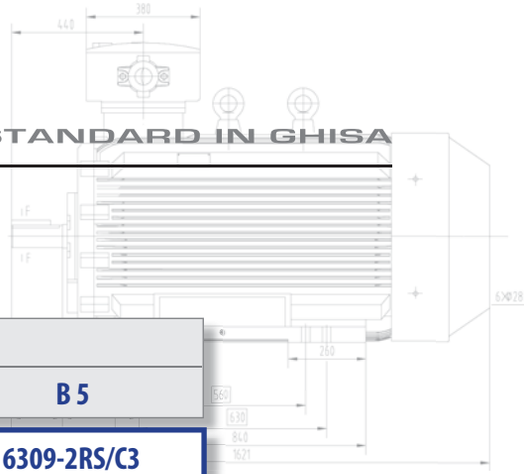
ORSATTI
GROUP

1. Introduzione generale

La serie OME è costituita da motori elettrici asincroni trifase ad alta efficienza con il corpo in ghisa.
I suoi parametri sono in conformità agli standard europei.
L'elevata efficienza dei motori permette l'applicazione nelle industrie petrolifere, chimiche, metallifere, cementifere e nelle cartiere; tali motori sono in particolar modo adatti sia per le operazioni di lungo termine sia per le operazioni a capacità completa di ventilatori, pompe, compressori e altre attrezzature meccaniche.
Grado di protezione IP65, classe di isolamento F, livello di temperatura classe B, servizio continuo S1, corrente nominale 400/690 HZ 50/60.
Temperatura ambiente -15°C+40°C, S/M ≤1000m.

2. FORMA COSTRUTTIVA

Modalità di montaggio	IEC34-7(1992)		Modalità di montaggio	IEC34-7(1992)	
	Codice I	Codice II		Codice I	Codice II
	IMB3	IM1001		IMV1	IM3001
	IMB5	IM3001		IMV3	IM3031
	IMB6	-		IMV5	IM1011
	IMB7	-		IMV6	IM1031
	IMB8	-		IMV15	IM2011
	IMB14	IM3601		IMV36	IM2031
	IMB34	IM2101		IMV18	IM3611
	IMB35	IM2001		-	-



3. CUSCINETTI

Grandezza del motore	POLI	Anteriore	Posteriore	
				B 5
160 M	2-4-6-8	6309-2RS/C3	6309-2RS/C3	6309-2RS/C3
160 L	2-4-6-8	6309-2RS/C3	6309-2RS/C3	6309-2RS/C3
180 M	2-4-6-8	6311-2RS/C3	6311-2RS/C3	6311-2RS/C3
180 L	2-4-6-8	6311-2RS/C3	6311-2RS/C3	6311-2RS/C3
200 L	2-4-6-8	6312-2RS/C3	6312-2RS/C3	6312-2RS/C3
225 S	2-4-6	6313-2RS/C3	6313-2RS/C3	6313-2RS/C3
250 M	2-4-6-8	NU314/C3	6314/C3	6313-2RS/C3
280 S	2	6316/C3	6316/C3	7314/C3
	4-6-8	NU316	6316/C3	7316/C3
280 M	2	6316/C3	6316/C3	7316/C3
	4-6-8	NU316	6316/C3	7316/C3
315 S	2	6316/C3	6316/C3	7316/C3
	4-6-8	NU319	6319/C3	7319/C3
315 M	2	6316/C3	6316/C3	7316/C3
	4-6-8	NU319/ECP	6319/C3	7319/C3
315 L	2	6316/C3	6316/C3	7316/C3
	4-6-8	NU319	6319/C3	7319/C3
355 M	2	6319/C3	6319/C3	7319/C3
	4-6-8	NU322	6319/C3	7319/C3
355 L	2	6319/C3	6319/C3	7319/C3
	4-6-8	NU322	6319/C3	7319/C3

- Cuscinetti SKF

4. VIBRAZIONE

Dimensione della carcassa motore	≤132		>132~225		>225	
r/min (velocità di sincronismo)	600~1800	>1800~3600	600~1800	>1800~3600	600~1800	>1800~3600
Classe di vibrazione	valori mm/s r.m. della velocità di vibrazione					
N	1.8		2.8		3.5	
R	0.71	1.12	1.12	1.80	1.80	1.80
S	0.45	0.71	0.71	1.12	1.12	1.12

I valori r.m. della velocità di vibrazione senza carico dei motori (cioè i limiti dell'intensità di vibrazione) non dovrebbero superare i valori di classe. Le classi R.S. riportate in tabella sono disponibili su richiesta.

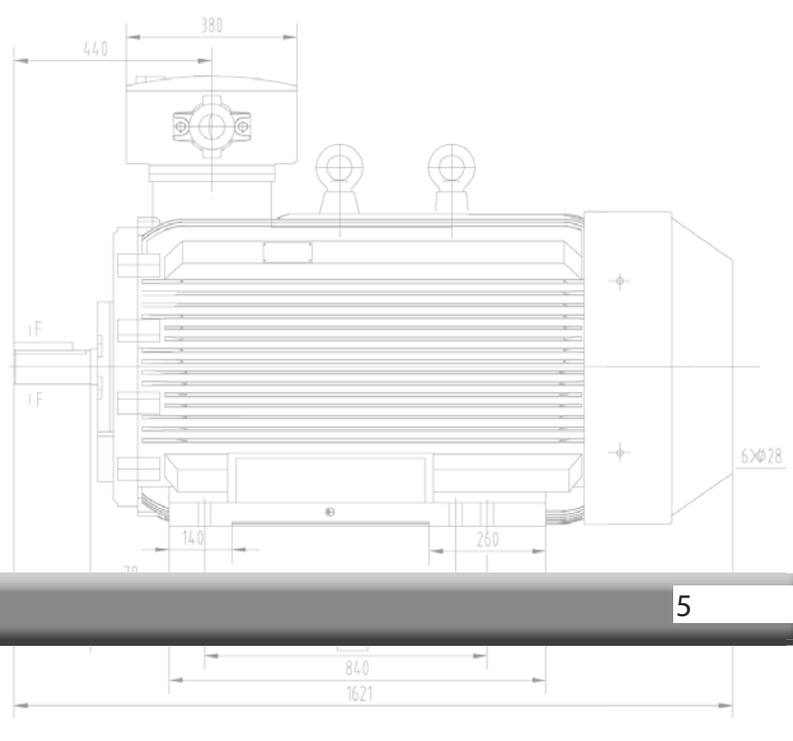
5. RUMOROSITA'

Livello di pressione sonora_LpA [dB(A)]-50Hz									
	Dimensioni del motore	2 Pol.		4 Pol.		6 Pol.		8 Pol.	
		No carico		No carico		No carico		No carico	
		L pA	L WA	L pA	L WA	L pA	L WA	L pA	L WA
Grandezze	160	70.6	86.0	59.6	75.0	57.6	73.0	52.6	68.0
	180	73.6	89.0	60.6	76.0	57.6	73.0	54.6	70.0
	200	76.6	92.0	63.6	79.0	60.6	76.0	57.6	73.0
	225	76.6	92.0	65.6	81.0	60.6	76.0	57.6	73.0
	250	77.6	93.0	65.6	81.0	62.6	78.0	59.6	75.0
	280	78.6	94.0	70.6	86.0	64.6	80.0	60.6	76.0
	315SM	80.6	96.0	77.6	93.0	69.6	85.0	66.6	82.0
	315L	83.6	99.0	81.6	97.0	69.6	85.0	66.6	82.0
	355	87.6	103.0	85.6	101.0	76.6	92.0	74.6	90.0

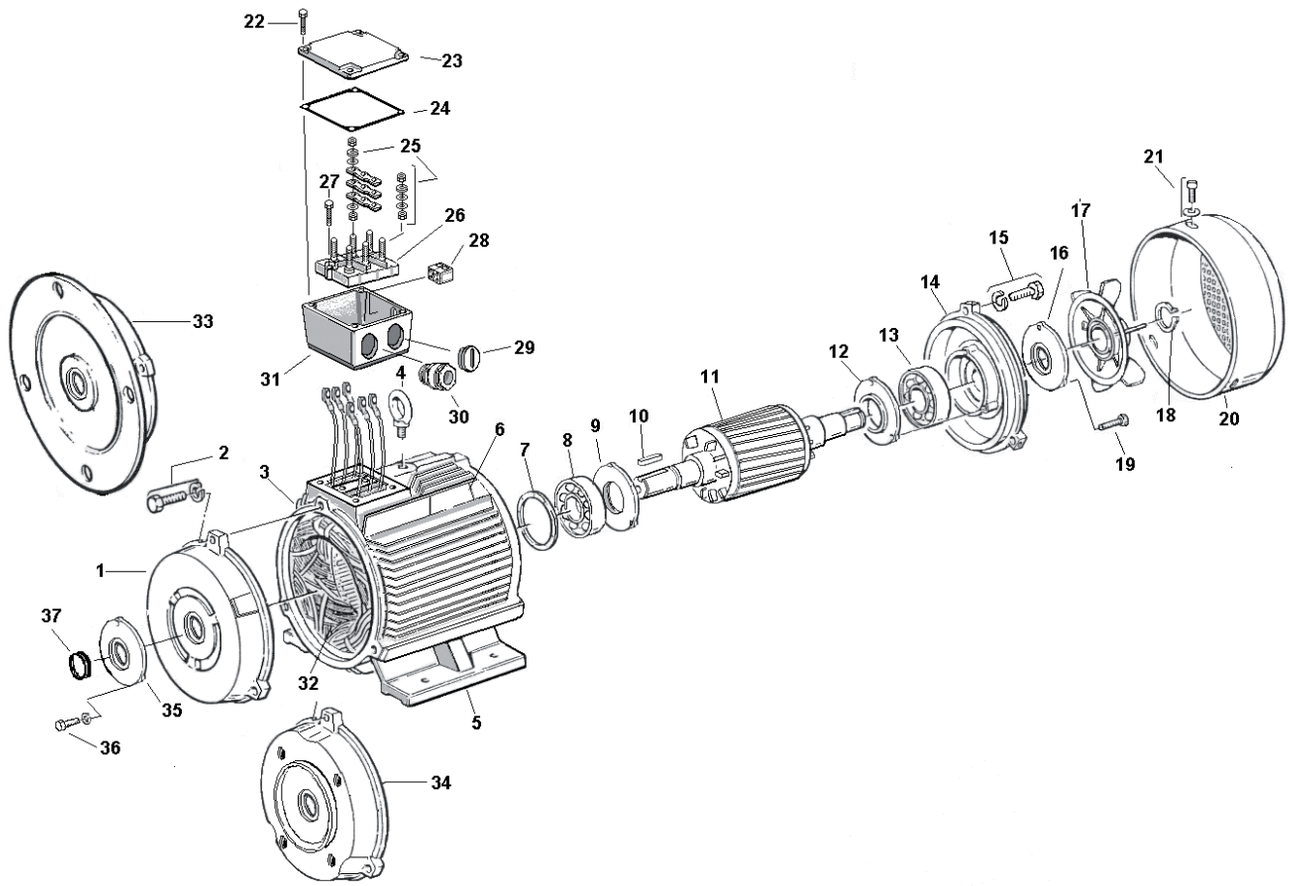
6. CLASSIFICAZIONE DEL GRADO DI PROTEZIONE

La funzione principale è quella di evitare di subire uno shock elettrico, entrando in contatto con delle parti in movimento e per prevenire che oggetti solidi, acqua e olio possano penetrare.
E' conforme alle normative e IEC34-5; EN 60529 NORME EUROPEE; CEI 70-1 NORME NAZIONALI; IEC 529 NORME INTERNAZIONALI.

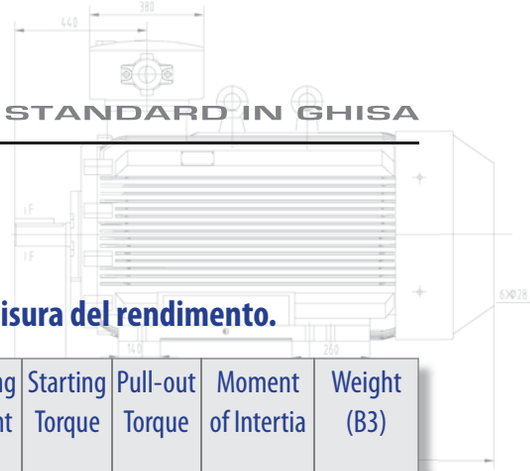
Protezione contro la penetrazione di corpi estranei		Protezione contro la penetrazione di liquidi	
IP 1°cifra		**IP 2°cifra**	
0	Nessuna protezione	0	Nessuna protezione
1	Protezione da oggetti solidi maggiori o uguali a 50 mm	1	Protetto contro le cadute verticali di gocce d'acqua
2	Protezione controcorpi solidi superiori a 12 mm di diametro	2	Protetto contro le cadute di gocce d'acqua o pioggia fino a 15° dalla verticale
3	Protetto contro corpi solidi superiori a 2,5 mm di diametro	3	Protetto contro le cadute di gocce d'acqua o pioggia fino a 60° dalla verticale
4	Protetto contro corpi solidi superiori a 1 mm di diametro	4	Protetto contro gli spruzzi d'acqua da tutte le direzioni
5	Protetto contro le polveri (nessun deposito nocivo)	5	Protetto contro i getti d'acqua
6	Totalmente protetto contro le polveri	6	Protetto contro i getti d'acqua potenti
		7	Protetto contro gli effetti delle immersioni temporanee
		8	Protetto contro gli effetti delle immersioni continue



7. PARTI DI RICAMBIO



1. SCUDO
2. VITI DI FISSAGGIO SCUDO ANTERIORE
3. STATORE
4. GOLFARE
5. PIEDE
6. TARGHETTA
7. ANELLO DI COMPENSAZIONE
8. CUSCINETTO ANTERIORE
9. REGGIGRASSO INTERNO ANTERIORE
10. CHIAVETTA
11. ROTORE
12. REGGIGRASSO INTERNO CUSCINETTO POSTERIORE
13. CUSCINETTO POSTERIORE
14. SCUDO POSTERIORE
15. VITE DI FISSAGGIO REGGIGRASSO POSTERIORE
16. REGGIGRASSO POSTERIORE
17. VENTOLA
18. SEEGER
19. VITE DI FISSAGGIO REGGIGRASSO POSTERIORE
20. COPRIVENTOLA
21. VITE FISSAGGIO COPRIVENTOLA
22. VITE COPRIMORSETTIERA
23. COPERCHIO MORSETTIERA
24. GUARNIZIONE MORSETTIERA
25. GRUPPO FISSAGGIO CONNESSIONE
26. BASETTA DI CONNESSIONE
27. VITE DI FISSAGGIO BASETTA DI CONNESSIONE
28. MORSETTIERA PTC
29. TAPPO
30. PRESSACAVO
31. SCATOLA MORSETTIERA
32. AVVOLGIMENTO
33. FLANGIA B5
34. FLANGIA B14
35. REGGIGRASSO ESTERNO CUSCINETTO ANTERIORE
36. VITE DI FISSAGGIO REGGIGRASSO ESTERNO
37. GUARNIZIONE

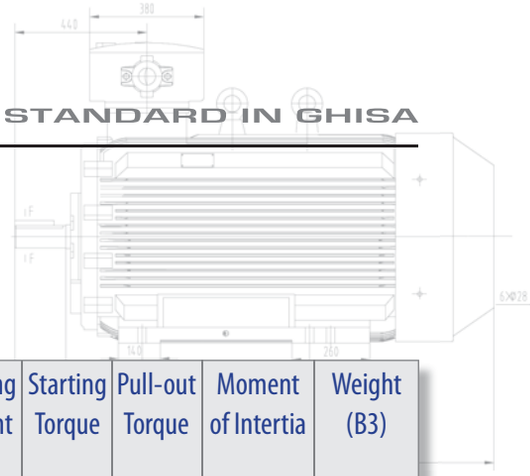


8. DATI TECNICI

"High efficiency" IE2 according to IEC 60034-30 - (IEEE 112 B) Metodo di misura del rendimento.

TYPE	Rated output	Current		Speed	Power factor	Efficiency			Torque Tn	Starting Current	Starting Torque	Pull-out Torque	Moment of Intertia	Weight (B3)
	Pn	400V	690V	r.p.m.	cos φ	100%	75%	50%						
	KW	A	A			ή	ή	ή	Nm	I st/In	Tst/Tn	Tmax/Tn	Kgm2	Kg
OME 160MA-2	11	19.9	11.5	2930	0.89	90.5	90.5	90.2	35.7	6.5	2.5	3.1	0.03700	121
OME 160MB-2	15	26.3	15.2	2940	0.91	91.8	91.2	90.9	48.8	8.2	2.7	3.8	0.04320	132
OME 160L-2	18.5	32.6	18.9	2930	0.92	91.1	91.2	90.4	60.2	8.3	2.8	3.7	0.05250	138
OME 180M-2	22	38.2	22.1	2950	0.90	91.4	91.0	90.5	71.1	7.7	2.8	3.5	0.07100	191
OME 200LA-2	30	52.1	30.2	2960	0.92	92.2	91.7	90.9	96.9	7.8	2.6	3.5	0.11900	240
OME 200LB-2	37	63.2	36.6	2955	0.91	92.5	92.3	92.1	119.0	7.7	2.7	3.5	0.13300	257
OME 225M-2	45	78.6	45.6	2960	0.90	93.5	93.1	92.3	145.0	7.9	2.6	3.6	0.22100	310
OME 250M-2	55	96.1	55.7	2965	0.91	93.4	91.7	92.6	177.0	7.5	2.4	2.7	0.30500	386
OME 280S-2	75	126.0	73.0	2975	0.91	93.9	93.7	92.8	240.0	7.2	2.4	3.4	0.58400	505
OME 280M-2	90	151.0	87.5	2972	0.91	94.3	93.9	93.2	288.0	7	2.3	3.2	0.66500	555
OME 315S-2	110	184.0	106.7	2980	0.91	94.8	94.5	92.8	352.0	7.1	1.8	3.4	1.13000	921
OME 315M-2	132	221.0	128.1	2980	0.91	95.0	95.2	93.5	422.0	7.1	1.8	3.3	1.75000	959
OME 315LA-2	160	266.0	154.2	2980	0.92	95.4	95.0	94.8	512.0	6.9	2.2	3.3	2.01000	1088
OME 315LB-2	200	331.0	191.9	2980	0.91	96.0	95.4	94.9	640.0	6.7	2.1	3.2	2.27000	1162
OME 355M-2	250	411.0	238.3	2985	0.92	96.3	95.6	94.5	800.0	7.8	2.2	3.7	3.29600	1685
OME 355L-2	315	519.0	300.9	2980	0.91	96.4	95.9	95.1	1009.9	7.8	1.7	4.1	3.84900	1850
OME 160M-4	11	20.9	12.1	1450	0.86	89.9	88.9	88.3	71.6	7.2	2.1	3.0	0.07240	122
OME 160L-4	15	28.1	16.3	1460	0.86	90.6	90.8	90.2	97.4	8.3	2.2	3.1	0.09290	139
OME 180M-4	18.5	33.3	19.3	1470	0.89	91.2	90.5	89.7	119.0	7	2.2	3.1	0.13500	188
OME 180L-4	22	39.9	23.1	1465	0.88	91.6	91.4	91.2	142.0	6.9	2.1	3.1	0.13600	193
OME 200L-4	30	53.8	31.2	1465	0.88	92.7	92.6	91.7	193.0	7	2.4	3.2	0.24500	256
OME 225S-4	37	66.9	38.8	1475	0.87	93.6	92.0	91.9	238.0	6.7	2.2	3.0	0.39000	308
OME 225M-4	45	80.6	46.7	1480	0.87	94.2	93.3	92.9	290.0	7.1	2.4	3.2	0.45000	337
OME 250M-4	55	98.0	56.8	1480	0.87	94.2	91.3	91.1	354.0	6.5	2.4	3.2	0.64000	410
OME 280S-4	75	133.0	77.1	1485	0.87	94.5	93.9	93.3	482.0	6.5	2.4	3.1	1.04500	581
OME 280M-4	90	156.0	90.4	1485	0.88	94.8	94.5	94.1	579.0	7.2	2.3	2.7	1.39600	643
OME 315S-4	110	193.0	111.9	1485	0.87	95.4	94.3	94.3	706.0	5.8	1.9	2.9	2.98000	961
OME 315M-4	132	230.0	133.3	1480	0.87	95.5	94.5	93.8	847.0	5.5	1.9	2.8	3.48000	1012
OME 315LA-4	160	274.0	158.8	1485	0.89	95.7	94.6	93.9	1027.0	6	2.0	3.0	3.96000	1096
OME 315LB-4	200	342.0	198.3	1485	0.88	95.8	95.4	95.1	1285.0	6	2.2	3.0	4.47000	1330
OME 355M-4	250	421.0	244.1	1490	0.90	96.3	95.8	95.4	1604.0	5.9	1.5	2.9	7.16400	1720
OME 355L-4	315	529.0	306.7	1485	0.90	96.4	95.7	95.4	2021.0	6.9	2.1	3.2	8.70200	1950

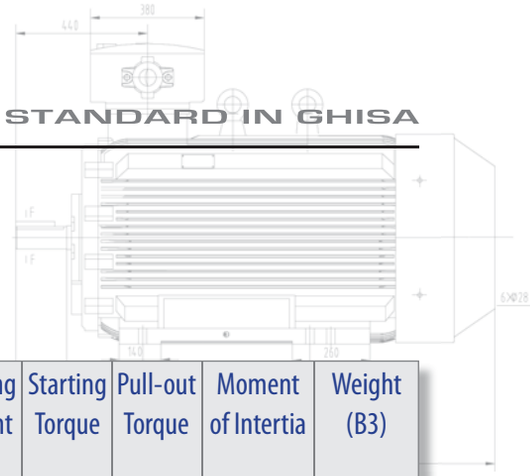
TYPE	Rated output	Current		Speed	Power factor	Efficiency			Torque Tn	Starting Current	Starting Torque	Pull-out Torque	Moment of Intertia	Weight (B3)
	Pn	400V	690V	r.p.m.	cos φ	100%	75%	50%						
	KW	A	A			ή	ή	ή	Nm	I st/In	Tst/Tn	Tmax/Tn	Kgm2	Kg
OME 160M-6	7.5	15.8	9.2	965	0.80	88.0	88.3	87.7	73.4	6	2.1	2.3	0.08000	113
OME 160L-6	11	22.4	13.0	970	0.81	89.2	89.6	89.1	108.0	6.9	1.9	3.1	0.10800	134
OME 180L-6	15	29.4	17.0	975	0.83	89.7	89.2	88.5	146.0	6.5	2.1	3.0	0.16700	178
OME 200LA-6	18.5	35.3	20.5	980	0.84	91.0	90.8	90.2	178.0	6.7	2.1	3.2	0.30200	226
OME 200LB-6	22	41.6	24.1	975	0.85	91.0	90.2	89.8	212.0	6.8	2.1	3.1	0.34200	234
OME 225M-6	30	57.5	33.3	985	0.82	91.7	91.6	91.1	290.0	6.2	1.9	2.9	0.52500	294
OME 250M-6	37	66.0	38.3	980	0.88	92.7	92.4	92.0	357.0	6.9	1.9	3.1	0.80700	369
OME 280S-6	45	82.0	47.5	985	0.88	92.7	92.6	92.2	434.0	6.5	2.0	3.0	1.33400	513
OME 280M-6	55	98.0	56.8	985	0.89	93.1	92.8	92.3	530.0	7	2.1	3.0	1.59800	661
OME 315S-6	75	136.0	78.8	990	0.85	93.7	93.2	92.8	721.0	6	1.8	2.9	3.94000	856
OME 315M-6	90	163.0	94.5	990	0.85	94.0	93.6	93.0	866.0	6	2.0	2.8	4.58000	973
OME 315LA-6	110	195.0	113.0	990	0.86	94.5	94.3	93.9	1059.0	5.9	1.9	2.9	5.23000	1055
OME 315LB-6	132	230.0	133.3	990	0.87	94.9	94.9	94.4	1271.0	6.1	2.0	2.9	5.54000	1175
OME 355MA-6	160	267.0	154.8	990	0.91	95.2	95.0	94.3	1538.0	7.3	1.8	3.4	9.26600	1690
OME 355MB-6	200	334.0	193.6	990	0.91	95.3	95.2	94.6	1923.0	7	1.7	3.4	10.76200	1870
OME 355L-6	250	407.0	235.9	990	0.93	95.6	95.7	95.1	2404.0	7.1	1.6	3.3	12.85900	1980
OM 160MA-8	4	9.3	5.4	715	0.75	82.4	82.8	82.5	52.4	5.3	1.8	2.9	0.06490	104
OM 160MB-8	5.5	12.4	7.2	720	0.76	86.6	84.8	84.3	72.3	6	2.1	3.2	0.08210	114
OM 160L-8	7.5	16.3	9.4	725	0.77	86.6	86.5	86.2	98.5	6	2.1	3.3	0.11400	132
OM 180L-8	11	23.3	13.5	725	0.77	88.7	88.9	88.4	143.0	6.4	2.1	3.0	0.16700	176
OM 200L-8	15	32.4	18.8	730	0.75	89.5	89.3	88.7	194.0	6.3	2.2	2.9	0.32500	232
OM 225S-8	18.5	39.1	22.7	730	0.76	90.7	90.2	89.7	239.0	6.6	2.2	2.8	0.48100	268
OM 225M-8	22	43.6	25.3	735	0.80	91.6	91.5	91.2	284.0	7.1	2.2	3.0	0.53100	288
OM 250M-8	30	59.7	34.6	735	0.80	91.8	90.4	90.0	386.0	6	2.0	3.0	0.80900	372
OM 280S-8	37	73.2	42.4	735	0.81	92.6	90.2	89.6	476.0	5.7	2.1	2.8	1.38100	567
OM 280M-8	45	89.3	51.8	735	0.79	93.2	93.6	93.1	579.0	5.8	2.1	2.9	1.72100	651
OM 315S-8	55	109.0	63.2	740	0.79	93.7	93.6	93.2	707.0	5	1.6	2.9	4.59000	1032
OM 315M-8	75	142.0	82.3	740	0.81	94.4	94.8	94.1	966.0	6.1	2.0	2.8	5.36000	1085
OM 315LA-8	90	167.0	96.8	740	0.83	94.7	93.9	93.4	1159.0	6.3	1.8	2.9	6.11000	1160
OM 315LB-8	110	205.0	118.8	740	0.82	95.1	93.5	93.2	1419.0	6.4	1.7	3.1	6.55000	1230
OM 355MA-8	132	247.0	143.2	745	0.82	95.4	95.4	95.0	1694.0	6.5	1.8	3.1	12.85000	1700
OM 355MB-8	160	288.0	167.0	745	0.85	95.7	95.7	95.2	2053.0	6.7	1.8	3.4	14.34000	1890
OM 355L-8	200	360.0	208.7	750	0.85	95.7	95.8	95.2	2570.0	6	1.7	3.1	15.82400	1850



IE1 according to IEC 6003430.

TYPE	Rated output	Current		Speed	Power factor	Efficiency		Torque Tn	Starting Current	Starting Torque	Pull-out Torque	Moment of Intertia	Weight (B3)
	Pn	400V	690V	r.p.m.	cos φ	100%	75%						
	KW	A	A			ή	ή	Nm	I st/In	Tst/Tn	Tmax/Tn	Kgm2	Kg
OM 160MA-2	11	19.9	11.5	2930	0.90	88.8	88.5	35	7.2	2.1	3.1	0.03700	107
OM 160MB-2	15	26.6	15.4	2940	0.91	89.4	88.6	49	8.2	2.7	3.8	0.04320	117
OM 160L-2	18.5	32.6	18.9	2930	0.92	91.1	91.2	60	8.3	2.8	3.7	0.05250	134
OM 160LB-2	22	40.5	23.5	2930	0.90	88.0	88.1	71	8	2.8	3.7	0.06549	145
OM 180M-2	22	38.2	22.1	2950	0.90	90.5	90.0	71	7.7	2.8	3.5	0.07100	169
OM 180L-2	30	53	30.7	2950	0.90	90.8	90.6	97	7.7	2.8	3.5	0.06549	185
OM 200LA-2	30	52.1	30.2	2960	0.92	91.5	90.7	96	7.8	2.6	3.5	0.11900	220
OM 200LB-2	37	63.2	36.6	2955	0.91	92.2	92.1	119	7.7	2.7	3.5	0.13300	239
OM 200LC-2	45	78	45.2	2955	0.90	92.0	91.9	145	7.7	2.6	3.5	0.18473	276
OM 225M-2	45	78.1	45.3	2960	0.90	92.5	92.0	144	7.9	2.6	3.6	0.22100	297
OM 225M-2	55	96	55.7	2970	0.89	92.6	92.3	177	7.9	2.6	3.5	0.33431	
OM 250M-2	55	94.9	55.0	2965	0.91	93.0	92.4	177	7.8	2.3	3.5	0.30500	377
OM 250M-2	75	134	78	2970	0.89	92.8	92.8	241	7.7	2.6	3.5	0.45829	
OM 280S-2	75	126	73	2975	0.91	93.9	93.7	241	7.2	2.4	3.4	0.58400	510
OM 280M-2	90	151	88	2960	0.92	94.0	93.9	389	7	2.3	3.2	0.66500	540
OM 280M2-2	110	193	112	2970	0.91	93.4	93.5	351	7	2.2	3.0	0.86295	585
OM 315S-2	110	184	107	2975	0.91	93.8	93.0	352	5.9	1.7	2.9	1.13000	920
OM 315M-2	132	221	128	2980	0.91	94.3	93.07	423	5.9	1.7	3.0	1.75000	970
OM 315LA-2	160	266	154	2980	0.92	95.0	94.6	512	6.9	2.2	3.3	2.01000	1080
OM 315LB-2	200	331	192	2980	0.91	5.4	95.2	641	6.7	2.1	3.2	2.27000	1170
OM 355M-2	250	411	238	2985	0.92	95.3	94.5	802	7.8	2.2	3.7	3.29600	1690
OM 355L-2	315	519	301	2980	0.91	96.1	95.8	1101	7.8	1.7	4.1	3.84900	1850
OM 160M-4	11	20.9	12.1	1450	0.86	88.5	89.9	71	7.2	2.1	3.0	0.07240	113
OM 160L-4	15	28.1	16.3	1460	0.86	89.5	90.0	98	8.3	2.2	3.1	0.09290	133
OM 180LB-4	18.5	35.7	20.7	1460	0.87	87.5	89.2	121	8.3	2.2	3.0	0.10686	147
OM 180M-4	18.5	33.3	19.3	1470	0.89	90.4	90.5	120	7	2.2	3.1	0.13500	167
OM 180L-4	22	39.9	23.1	1465	0.88	90.6	90.9	142	6.9	2.1	3.1	0.13600	181
OM 180LB-4	30	55	31.9	1465	0.88	89.0	91.5	195	6.5	2.2	3.0	0.20783	200
OM 200L-4	30	53.8	31.2	1465	0.88	91.6	91.9	194	7	2.4	3.2	0.24500	232
OM 200LB-4	37	68	39.4	1465	0.88	89.2	91.6	240	6.5	2.2	3.1	0.29715	277
OM 225S-4	37	66.9	38.8	1475	0.87	92.0	91.9	238	6.7	2.2	3.0	0.39000	287
OM 225M-4	45	80.6	46.7	1480	0.87	92.6	92.6	290	7.1	2.4	3.2	0.45000	322

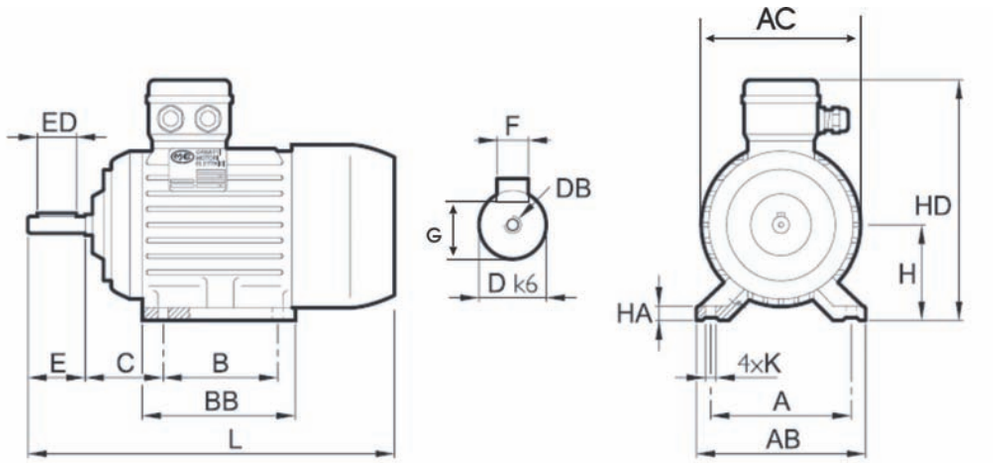
TYPE	Rated output	Current		Speed	Power factor	Efficiency		Torque Tn	Starting Current	Starting Torque	Pull-out Torque	Moment of Intertia	Weight (B3)
	Pn	400V	690V	r.p.m.	cos φ	100%	75%						
	KW	A	A			ή	ή	Nm	I st/In	Tst/Tn	Tmax/Tn	Kgm2	Kg
OM 225MB-4	55	100	58	1480	0.87	91.6	91.8	355	7	2.3	3.1	0.62440	351
OM 250M-4	55	97	56	1480	0.88	93.0	92.9	354	7.3	2.4	3.2	0.64000	381
OM 250MB-4	75	137	79	1480	0.87	92.4	92.3	484	7	2.3	3.1	0.91950	485
OM 280S-4	75	130	75	1485	0.89	93.6	93.6	484	6.4	2.1	3.1	1.04500	510
OM 280M-4	90	156	90	1485	0.89	93.7	93.4	580	7.1	2.5	3.3	1.39600	600
OM 280MB-4	110	193	112	1485	0.87	94.5	94.5	708	7.2	2.3	3.0	1.62432	685
OM 315S-4	110	193	112	1485	0.87	94.5	94.3	706	5.8	1.9	2.9	2.98000	921
OM 315M-4	132	230	133	1480	0.87	94.6	94.5	848	5.5	1.9	2.8	3.48000	1002
OM 315LA-4	160	274	159	1485	0.89	94.7	94.6	1029	6	2.0	3.0	3.96000	1070
OM 315LB-4	200	342	198	1485	0.88	95.5	95.4	1286	6	2.2	3.0	4.47000	1181
OM 355M-4	250	421	244	1490	0.90	95.4	95.5	1594	5.9	1.5	2.9	7.16400	1720
OM 355L-4	315	529	307	1485	0.90	95.7	95.7	2008	6.9	2.1	3.2	8.70200	1950
OM 160M-6	7.5	15.8	9.2	965	0.80	85.2	85.4	73	6.1	1.7	3.0	0.08000	108
OM 160L-6	11	22.4	13.0	970	0.81	87.2	87.5	108	6.9	1.9	3.1	0.10800	131
OM 180L-6	15	29.4	17.0	975	0.83	89.0	89.2	146	6.5	2.1	3.0	0.16700	171
OM 180LB-6	18.5	38.5	22.3	975	0.83	88.8	88.9	180	6.5	2.2	3.0	0.28398	196
OM 200LA-A	18.5	35.3	20.5	980	0.84	90.0	90.1	180	6.7	2.1	3.2	0.30200	216
OM 200LB-6	22	41.6	24.1	975	0.85	90.0	90.2	214	6.8	2.1	3.1	0.34200	225
OM 200LC-6	30	59	34.2	975	0.84	90.8	90.6	292	6.9	2.1	3.1	0.49560	285
OM 225M-6	30	57.5	33.3	985	0.82	91.6	91.6	292	6.2	1.9	2.9	0.52500	292
OM 225MB-6	37	68	39.4	980	0.82	91.4	91.2	361	6.2	1.9	3.0	0.80327	351
OM 250M-6	37	66	38.3	980	0.88	91.6	91.7	360	6.9	1.9	3.1	0.80700	408
OM 250MB-6	45	82	47.5	980	0.88	91.5	92.3	439	6.8	2.0	3.0	1.32000	455
OM 280S-6	45	80.2	46.5	985	0.88	92.4	92.5	437	6.5	2.0	3.0	1.33400	465
OM 280M-6	55	96.4	55.9	985	0.89	92.5	92.8	534	7	2.1	3.0	1.59800	540
OM 280MB-6	75	136	79	985	0.89	92.8	92.8	723	7	2.1	3.0	1.84300	685
OM 315S-6	75	136	79	990	0.85	93.5	93.0	723	6	1.8	2.9	3.94000	861
OM 315M-6	90	163	94	990	0.85	93.9	93.6	868	6	2.0	2.9	4.58000	940
OM 315LA-6	110	195	113	990	0.86	94.5	94.3	1061	5.9	1.9	2.8	5.23000	1110
OM 315LB-6	132	230	133	990	0.87	94.9	94.9	1273	6.1	2.0	2.9	5.54000	1175
OM 355MA-6	160	267	155	990	0.91	95.2	95.0	1530	7.3	1.8	3.4	9.26600	1690
OM 315MB-6	200	334	194	990	0.91	95.3	95.2	1913	7	1.7	3.4	10.76200	1870
OM 355L-6	250	407	236	990	0.93	95.6	95.7	2391	7.1	1.6	3.3	12.85900	1980



TYPE	Rated output	Current		Speed	Power factor	Efficiency		Torque Tn	Starting Current	Starting Torque	Pull-out Torque	Moment of Intertia	Weight (B3)
	Pn	400V	690V	r.p.m.	cos φ	100%	75%						
	KW	A	A			ή	ή	Nm	I st/In	Tst/Tn	Tmax/Tn	Kgm2	Kg
OM 160MA-8	4	9.3	5.4	715	0.75	82.4	82.8	53	5.3	1.8	2.9	0.06490	94
OM 160MB-8	5.5	12.4	7.2	720	0.76	84.6	84.8	73	6	2.1	3.2	0.08210	106
OM 160L-8	7.5	16.3	9.4	725	0.77	85.8	86.5	100	6	2.1	3.3	0.11400	128
OM 180L-8	11	23.3	13.5	725	0.77	88.7	88.9	144	6.4	2.1	3.0	0.16700	170
OM 180LB-8	15	33.5	19.4	725	0.77	88.8	88.5	196	6.2	2.2	3.0	0.28398	196
OM 200L-8	15	32.4	18.8	730	0.75	89.3	89.3	196	6.3	2.2	2.9	0.32500	230
OM 200LB-8	18.5	40.2	23.3	730	0.75	90.1	90.2	242	6.3	2.2	3.0	0.46854	274
OM 225S-8	18.5	39.1	22.7	730	0.76	90.2	90.2	242	6.6	2.2	2.8	0.48100	290
OM 225M-8	22	43.6	25.3	735	0.80	91.2	91.5	288	7.1	2.2	3.0	0.53100	302
OM 225MB-8	30	63	36.5	735	0.80	90.3	90.2	387	6.8	2.1	3.0	0.80327	349
OM 250M-8	30	59.7	34.6	735	0.80	90.4	90.4	390	6	2.0	3.0	0.80900	370
OM 250MB-8	37	78.5	45.5	735	0.79	90.3	90.4	478	6	2.1	3.0	1.28760	436
OM 280S-8	37	73.2	42.4	735	0.81	90.3	90.2	481	5.7	2.1	2.8	1.38100	475
OM 280M-8	45	89.3	51.8	735	0.79	91.7	91.9	585	5.8	2.1	2.9	1.72100	555
OM 280MB-8	55	112	65	735	0.79	91.7	91.8	715	5	2.1	3.0	2.54115	645
OM 315S-8	55	109	63	740	0.79	92.4	92.2	715	5	1.6	2.9	4.59000	905
OM 315M-8	75	142	82	740	0.81	93.3	93.1	975	6.1	2.0	2.8	5.36000	981
OM 315LA-8	90	167	97	740	0.83	94.0	93.9	1169	6.3	1.8	2.9	6.11000	1071
OM 315LB-8	110	205	119	740	0.82	93.8	93.5	1429	6.4	1.7	3.1	6.55000	1160
OM 355MA-8	132	247	143	745	0.82	94.6	94.1	1704	6.5	1.8	3.1	12.85000	1800
OM 355MB-8	160	288	167	745	0.85	94.9	94.4	2065	6.7	1.8	3.4	14.34000	1890
OM 355L-8	200	360	209	750	0.85	94.9	94.5	2581	6	1.7	3.1	15.82400	2040

9. DIMENSIONI

B3



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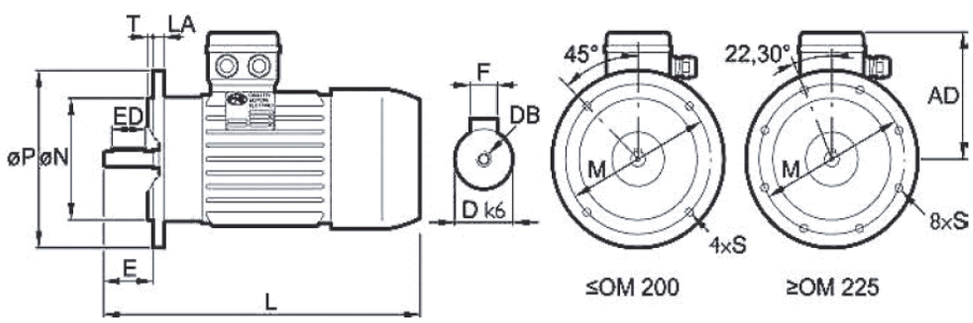

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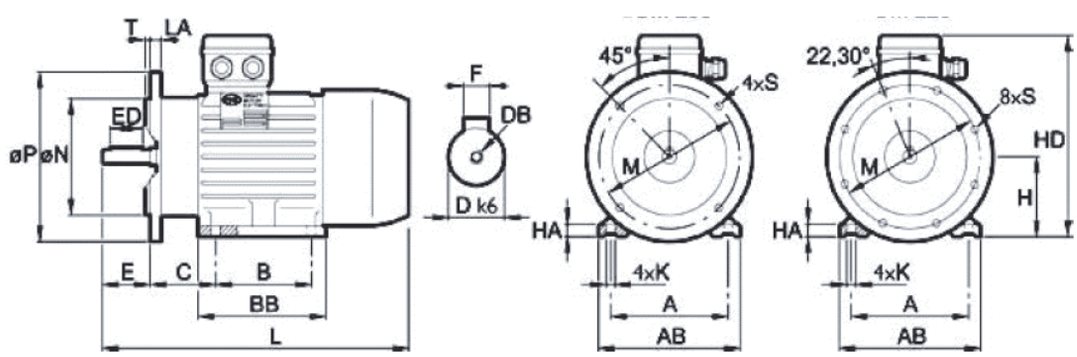
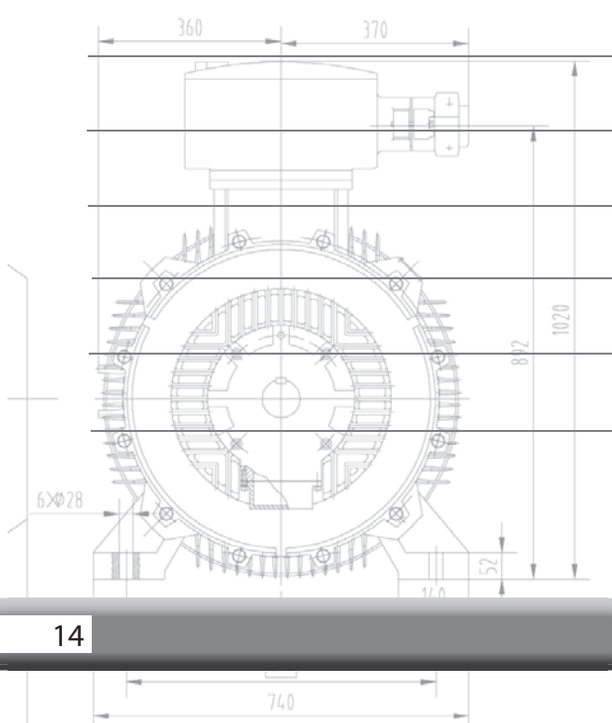
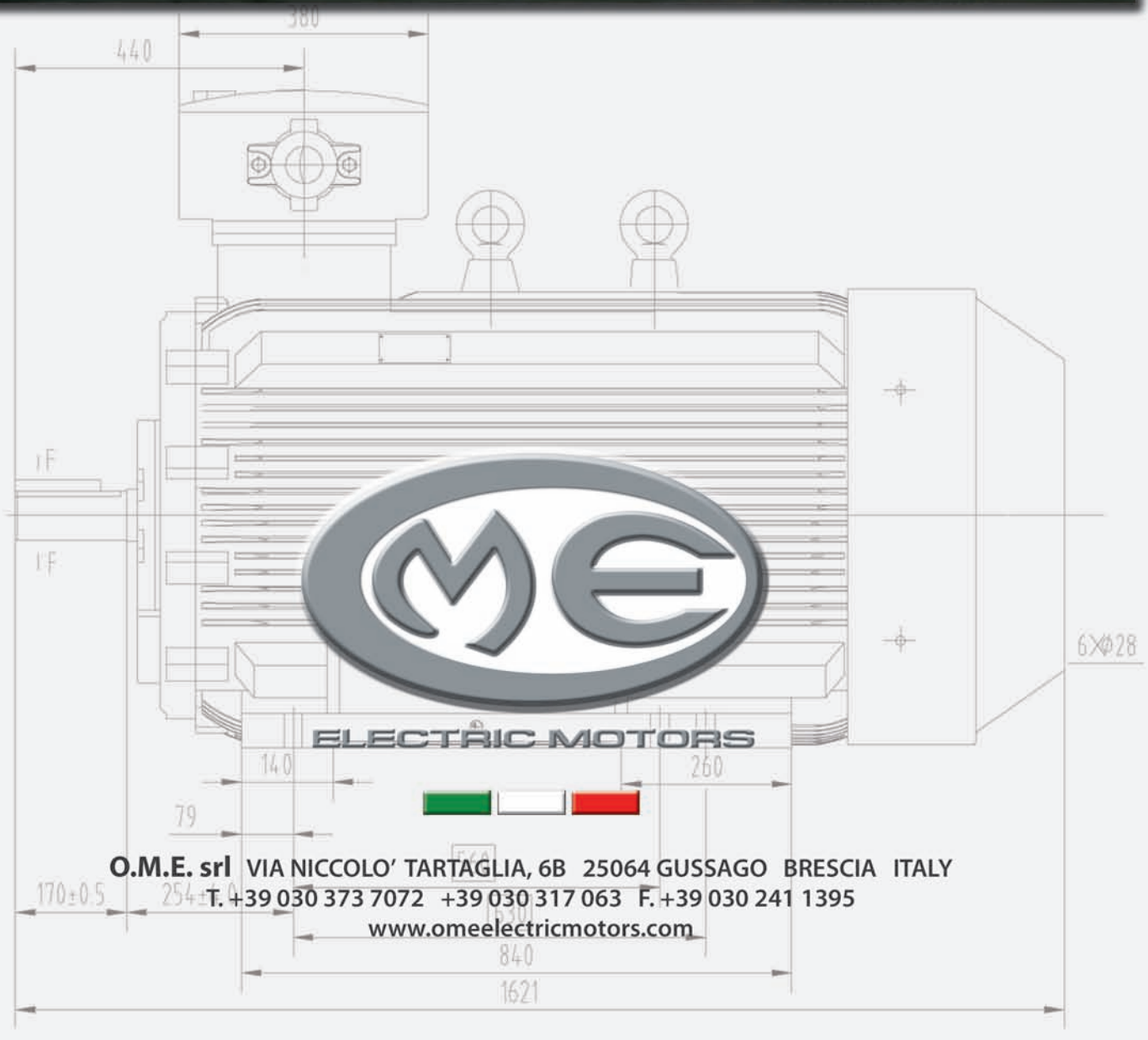


DIMENSIONI MOTORE	MOTORI IN GHISA																				
	DIMENSIONE MONTAGGIO INGOMBRI GENERALI																				
	POLI	A	B	B[1]	BB	C	D	M	N	P	E	F	G	H	K	DB	AB	AC	ED	HD	LA	L
OME 160M	2-4-6-8	254	210	254	304	108	42	300	250	350	110	12	37	160	15	M16x36	320	330	80	420	15	652
OME 160L	2-4-6-8	254	210	254	304	108	42	300	250	350	110	12	37	160	15	M16x36	320	330	80	420	15	652
OME 180M	2-4-6-8	279	241	279	355	121	48	300	250	350	110	14	42.5	180	15	M16x36	355	380	80	455	15	720
OME 200L	2-4-6-8	279	241	279	355	121	48	300	250	350	110	14	42.5	180	15	M16x36	355	380	80	455	15	720
OME 200L	2-4-6-8	318	267	305	375	133	55	350	300	400	110	16	49	200	19	M20x42	395	420	80	545	17	778
OME 225S	4-6-8	356	286		370	149	60	400	350	450	140	18	53	225	19	M20x42	435	470	100	555	20	815
OME 225M	2	356	286	311	395	149	55	400	350	450	110	16	49	225	19	M20x42	435	470	80	555	20	820
	4-6-8	356	286	311	395	149	60	400	350	450	140	18	53	225	19	M20x42	435	470	100	555	22	845
OME 250M	2	406	311	349	445	168	60	500	450	550	140	18	53	250	24	M20x42	490	510	100	615	22	915
	4-6-8	406	311	349	445	168	65	500	450	550	140	18	58	250	24	M20x42	490	510	100	615	22	915
OME 280S	2	457	368		490	190	65	500	450	550	140	18	58	280	24	M20x42	550	550	100	410	22	978
	4-6-8	457	368		490	190	75	500	450	550	140	20	67.5	280	24	M20x42	550	580	100	680	22	978
OME 280M	2	457	368	419	540	190	65	500	450	550	140	18	58	280	24	M20x42	550	580	100	680	22	985
	4-6-8	457	368	419	540	190	75	500	450	550	140	20	67.5	280	24	M20x42	550	580	100	680	22	1035
OME 315S	2	508	406		570	216	65	600	550	660	140	18	58	315	28	M20x42	635	645	100	845	22	1185
	4-6-8	508	406		570	216	80	600	550	660	170	22	71	315	28	M20x42	635	645	130	845	22	1215
OME 315M	2	508	457	508	680	216	65	600	550	660	140	18	58	315	28	M20x42	635	645	100	845	22	1295
	4-6-8	508	457	508	680	216	80	600	550	660	170	22	71	315	28	M20x42	635	645	130	845	22	1325
OME 315L	2	508	457	508	680	216	65	600	550	660	140	18	58	315	28	M20x42	635	645	100	845	22	1295
	4-6-8	508	457	508	680	216	80	600	550	660	170	22	71	315	28	M20x42	635	645	130	845	22	1325
OME 355M	2	610	560	630	760	254	75	740	680	800	140	20	67.5	355	28	M24x50	730	710	100	1010	22	1495
	4-6-8	610	560	630	760	254	100	740	680	800	210	25	86	355	28	M24x50	730	710	130	1010	22	1525
OME 355L	2	610	560	630	760	254	75	740	680	800	140	20	67.5	355	28	M24x50	730	710	100	1010	25	1495
	4-6-8	610	560	630	760	254	100	740	680	800	210	25	86	355	28	M24x50	730	710	130	1010	25	1525

NOTE





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