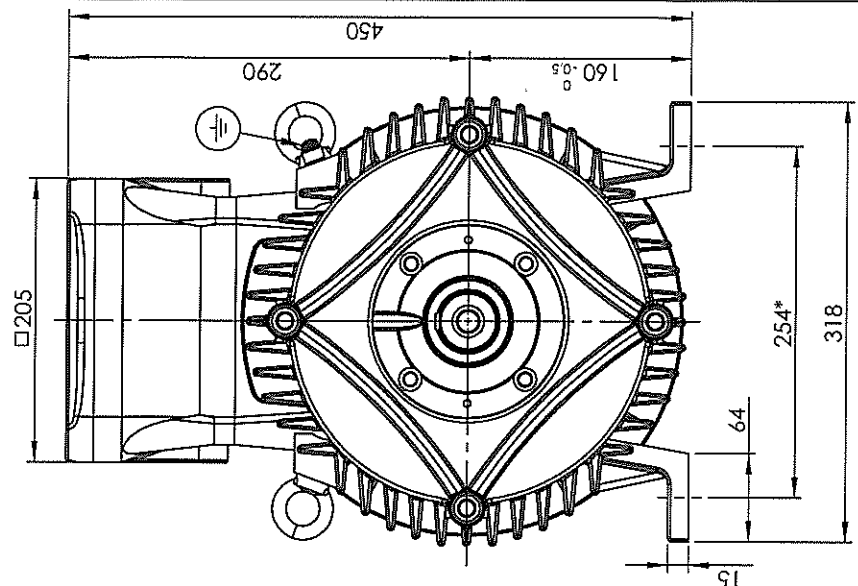
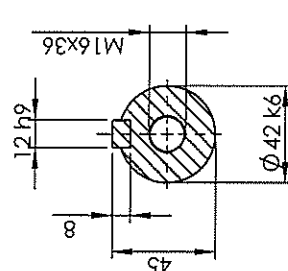
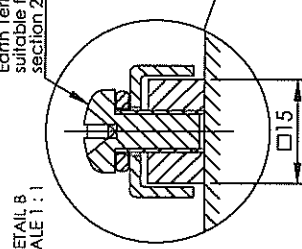
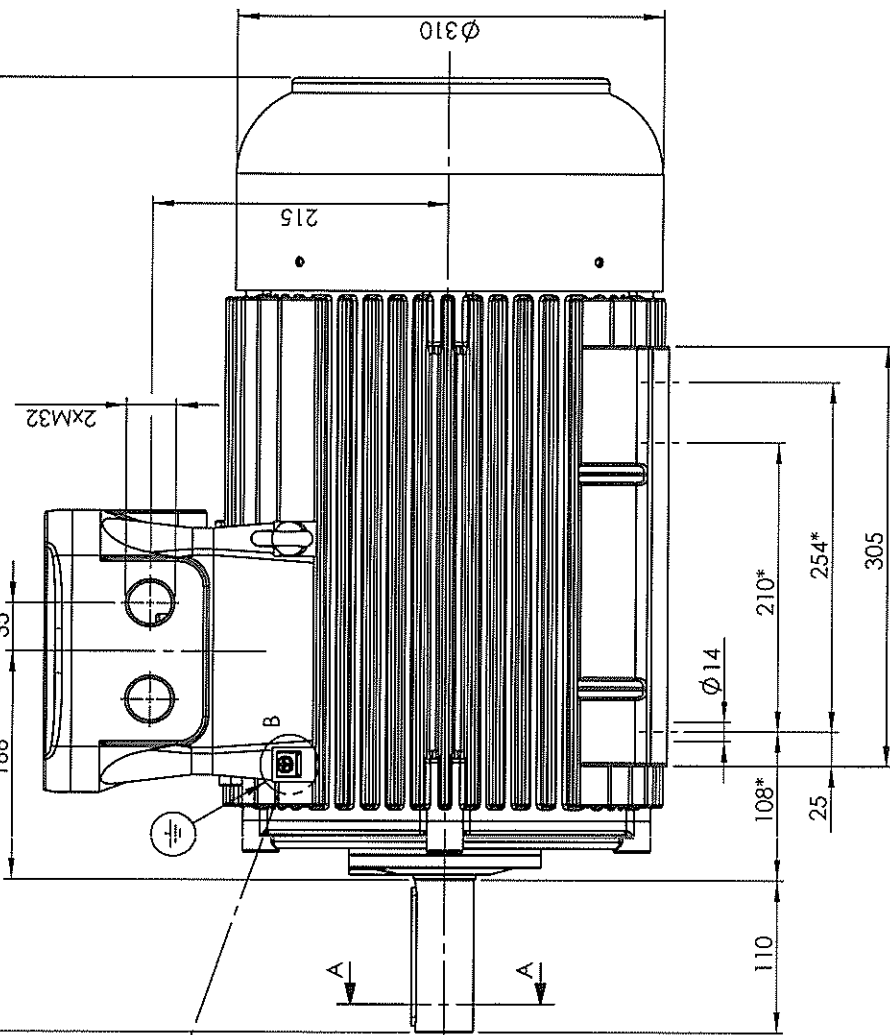
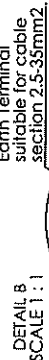
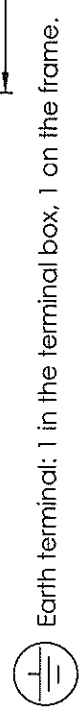
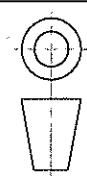




N.B.
Dimensions in mm. according to IEC 60072
Tolerances where not differently marked $\pm 2\text{mm}$.
* Tolerances ± 0.8



Customer reference and additional information:



Dimensions in mm
Tolerances allowed

Rev. Motor type and description

Rev.

Frame size: 160
Document N.B3A048165001A01 - Date 28/11/2008
Issued by G.Toscano - Approved by A.Madaschi
Cemp - Senago (Italy)



Flameproof
Motors

MOD. 803

cempFlameproof
MotorsFOGLIO DATI PER MOTORI ELETTRICI ASINCRONI TRIFASI : SERIE IEC
DATA SHEET FOR ASYNCHRONOUS THREEPHASE INDUCTION MOTORS: IEC SERIES

Cliente / Customer		CAGNASSI		Offerta / Offer : 2012/02		-	
Impianto / Plant		-		Item : -			
DATI DI PROGETTO - DESIGN DATA							
Modo di protezione Type of protection		II2G Motore / Frame Scatola morsetti / Terminal box		Exde IIC T4 Exe		IP55 IP55	
Tem. Amb. Min. / Min Amb. Temp.		-20 °C		Tem. Amb. Max. / Max Amb. Temp.		40 °C	
Umidità relativa / Relative humidity		90%		Altitudine / Altitude		< 1000 mslm / masl	
Tensione nominale / Rated Voltage		400 V +/- 5%		Frequenza / Frequency		50 Hz +/- 2%	
DATI FUNZIONALI E COSTRUTTIVI - PERFORMANCE AND CONSTRUCTION DATA							
1 Quantità / Quantity				01			
2 Motore tipo / Motor type				AC35 160MB 2			
3 Matricola / Serial number							
4 Forma costruttiva / Shape				B3			
5 Certificato / Certificate		CESI		02ATEX123			
6 Altro certificato / Other certificate							
Dati nominali / Rated data							
7 Poli / Pole		n°		2			
8 Potenza nominale / Rated power		kW		15,00			
9 Corrente nominale / Rated current		A		26,82			
10 Velocità nominale / Full Load speed		1/min		2950			
11 Collegamento / Winding connection				Y			
12 Isolamento / Insulation class				F			
13 Sovratemperatura / Temperature rise				-			
14 Raffreddamento / Cooling type				IC411			
15 Fattore di servizio / Service factor				1			
16							
17							
Performances elettriche / Electrical performances							
Carico / Load		4/4		3/4		2/4	
18 Giri / Speed		1/min		2950		2963	
19 Corr. / Curr.		A		26,82		20,53	
20 Rend. / Eff		%		89,7		89,3	
21 cos φ		-		0,90		0,89	
Performances all'avviamento / Starting performances							
22 I _a /I _n - LRC/FLC		%		705			
23 Cosφ _i a rotore bloccato / LR power factor				0,56			
Tempo a rotore bloccato / LRWT							
24 100% Un (A caldo / Warm)		sec		6			
25 (A freddo / Cold)		sec		15			
26 80% Un (A caldo / Warm)		sec		9			
27 (A freddo / Cold)		sec		24			
Tempo di avviamento ammissibile / ART							
28 100% Un		sec		13			
29 80% Un		sec		21			
Curva di coppia / Speed-torque values							
30 Coppia nominale / Rated Torque		Nm		48,56			
31 Ca/Cn - LRT/FLT		%		295			
32 C _{max} /Cn - BDT/FLT		%		305			
33							
34							
35							
Varie / Other							
36							
37							
38							
39							
Servizio / Duty							
40 Servizio / Duty type		-		S1			
41 Intermittenza / Cyclic duration factor		-		-			
42 Avviamenti-ora / Starting-hour		-		-			
43 Tempo ciclo / Time				-			
Cuscinetti / Bearings							
44 Cuscinetto ant. / DE bearing		-		6309 ZZ C3			
45 Cuscinetto post. / NDE bearing		-		6309 ZZ C3			
46 Carico radiale max / Max radial load in X1		N		2470			
47 Carico assiale max / Max axial load		N		750			
48 Tipo grasso / Grease type				LGHP2 SKF or equivalent			
49 Intervallo lubrificazione / Lubrication		h		-			
50 Quantità grasso / Quantity grease		gr		-			
Caratteristiche meccaniche / mechanical specification							
51 Massa / Mass		kg		180			
52 Momento d'inerzia / Moment of inertia		kgm ²		0,0463			
53 Rumore a vuoto / Noise at no load (1 m)		Lp dB(A)		76			
54 Vibrazioni / Vibration level		IEC 34-14		A			
55 Limite norma / Vibration limit		mm/sec		2,20			
56							
57							
Dati entrata cavi - verniciatura / Cable entry and painting							
63 Entrata cavi / Cable entry		IEC 60423		2XM32			
64 Ciclo verniciatura / Painting cycle				STD			
65 Colore finale / Final colour		RAL		5010			
66							
67							
68							
69							
70							
71							
Auxiliari - Auxiliaries							
72 Sonde termiche / Temperature detector		winding		-			
73 Sonde termiche / Temperature detector		bearing		-			
74 Scaldiglie / Heaters		V / W		-			
75 Preparazione per SPM sensor				-			
76 Pressacavi / Cable glands				NO			
77							
Documento preliminare - Preliminary data sheet							
Prepared by : AR		Tolleranze secondo - Tolerances according IEC 60034-1		Rev. 0		Data / Date 21-feb-12	