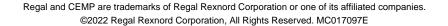
## PRODUCT INFORMATION PACKET

Model No: E3TI3004165B30D41100 Catalog No: E3TI3004165B30D41100

Made in Italy TCI Series, General Purpose Low Voltage IEC motor, Safe Area, 15,00 kW, 3 phase,

1472 RPM, D400/Y690V 50Hz, 160LA Frame B3, 4 Poles, IC411







Product Information Packet: Model No: E3Tl3004165B30D41100, Catalog No:E3Tl3004165B30D41100 Made in Italy TCI Series, General Purpose Low Voltage IEC motor, Safe Area, 15,00 kW, 3 phase, 1472 RPM, D400/Y690V 50Hz, 160LA Frame B3, 4 Poles, IC411

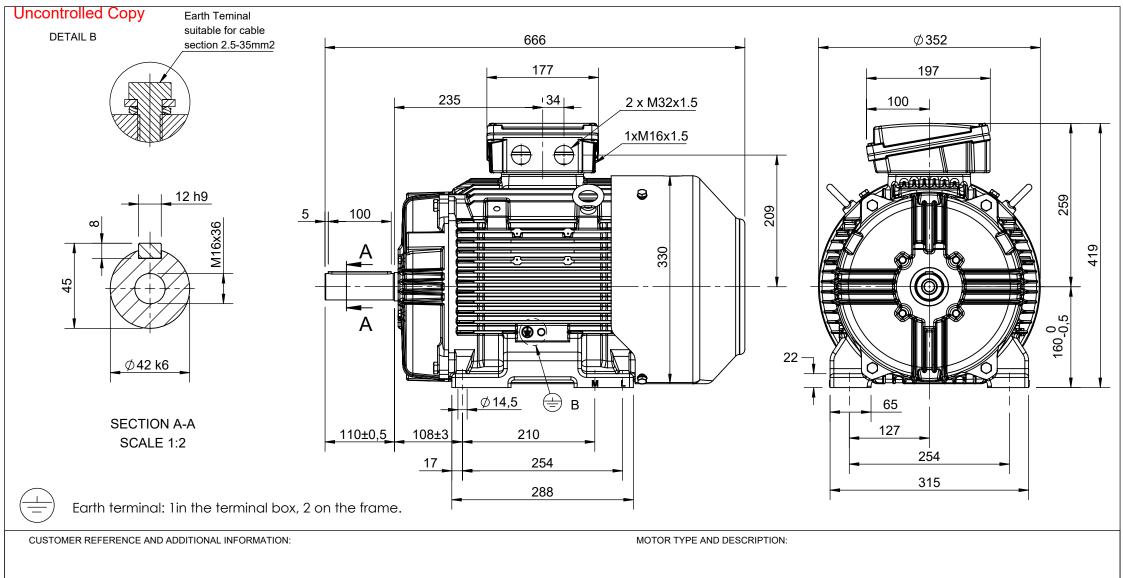
## Nameplate Specifications

Output HP	20 Hp	Output KW	15.0 kW	
Frequency	50 Hz	Voltage	400/690 V	
Current	27.8 A	Speed	1472 rpm	
Service Factor	1	Phase	3	
Efficiency	92.1 %	Power Factor	0.85	
Duty	S1	Insulation Class	F	
Frame	160LA	Enclosure	Totally Enclosed Fan Cooled	
Ambient Temperature	40 °C	Drive End Bearing Size	6309	
Opp Drive End Bearing Size	6209	UL	No	
CSA	No	CE	Yes	
IP Code	IP55	Number of Speeds	1	

## **Technical Specifications**

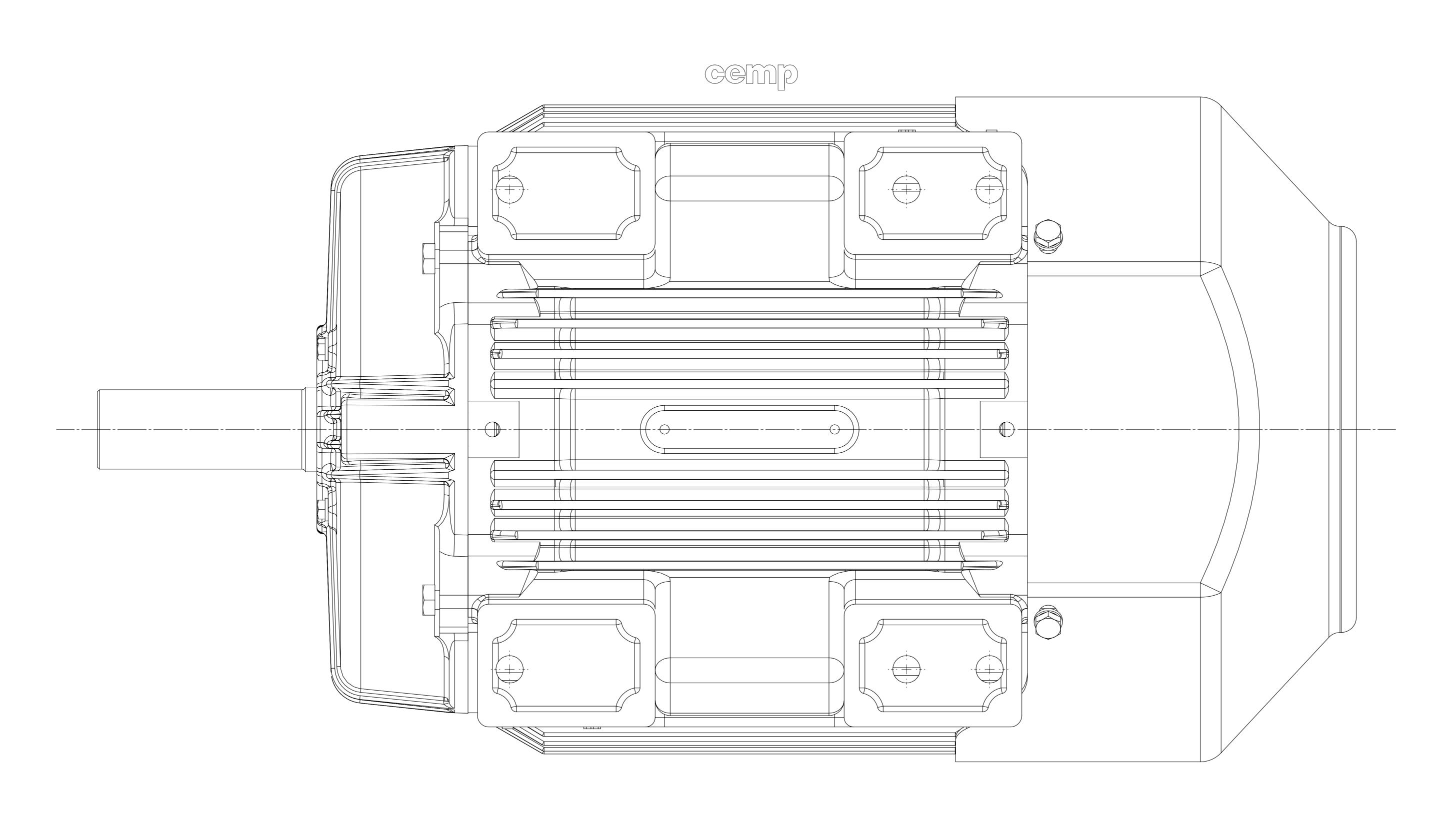
Electrical Type	Squirrel Cage	Starting Method	Direct On Line
Poles	4	Rotation	Bi-Directional
Mounting	B3	Motor Orientation	Horizontal
Drive End Bearing	2z-C3	Opp Drive End Bearing	2z-C3
Frame Material	Cast Iron	Shaft Type	Keyed
Overall Length	666.00 mm	Frame Length	298.00 mm
Shaft Diameter	42.000 mm	Shaft Extension	110 mm
Assembly/Box Mounting	Тор		
Connection Drawing	SC-01-T-1v-1a	Outline Drawing	B3A04T8160001A01

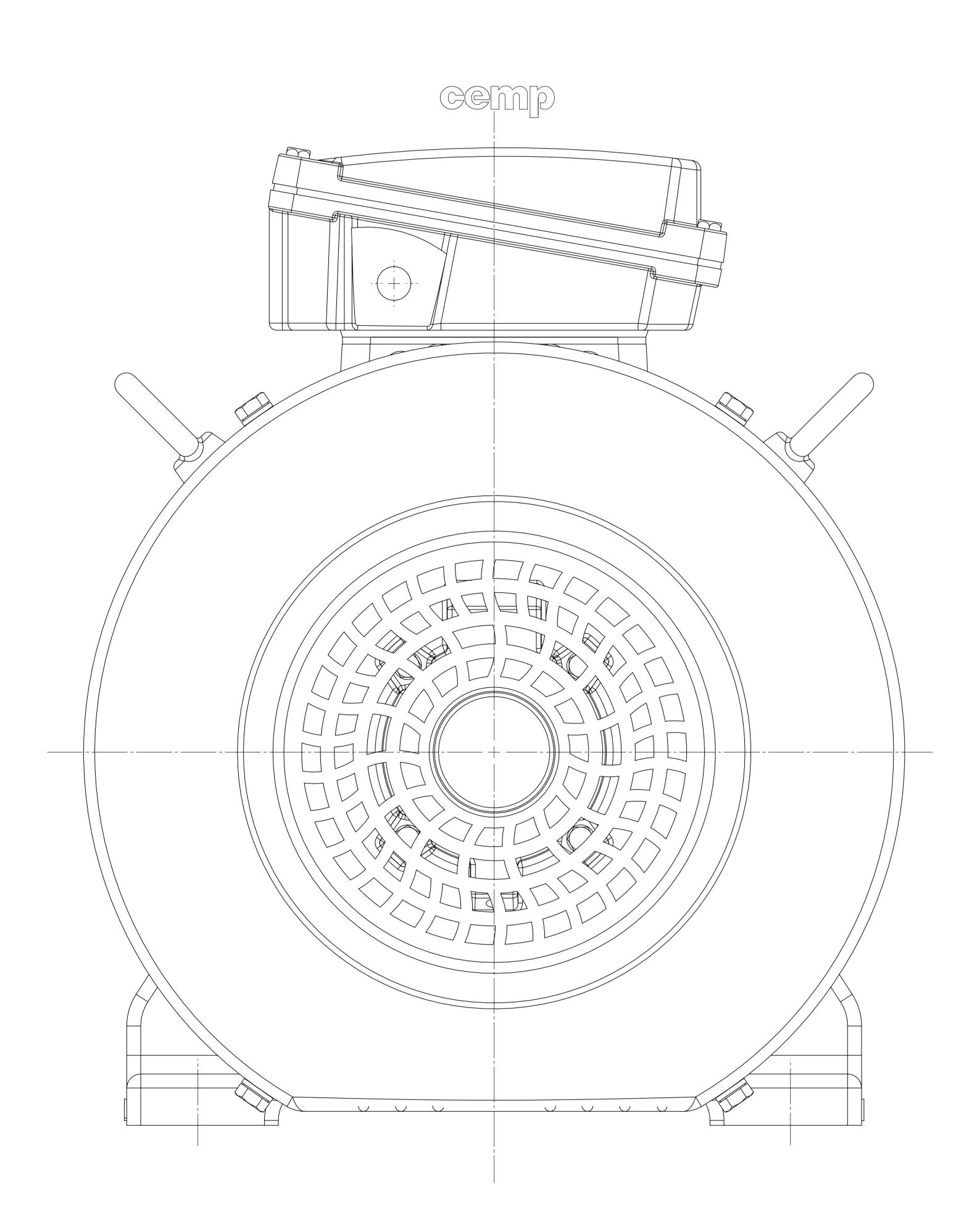
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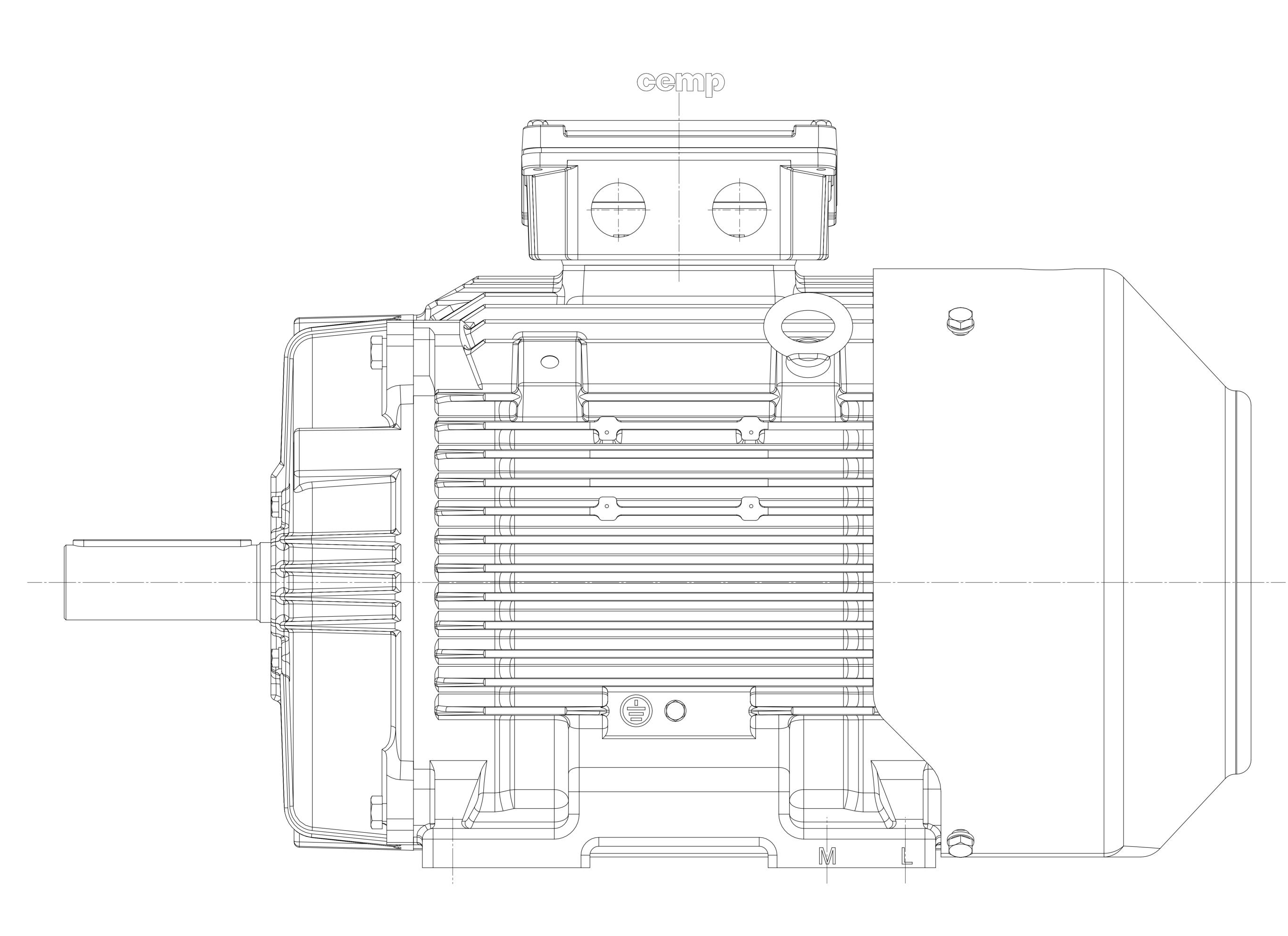


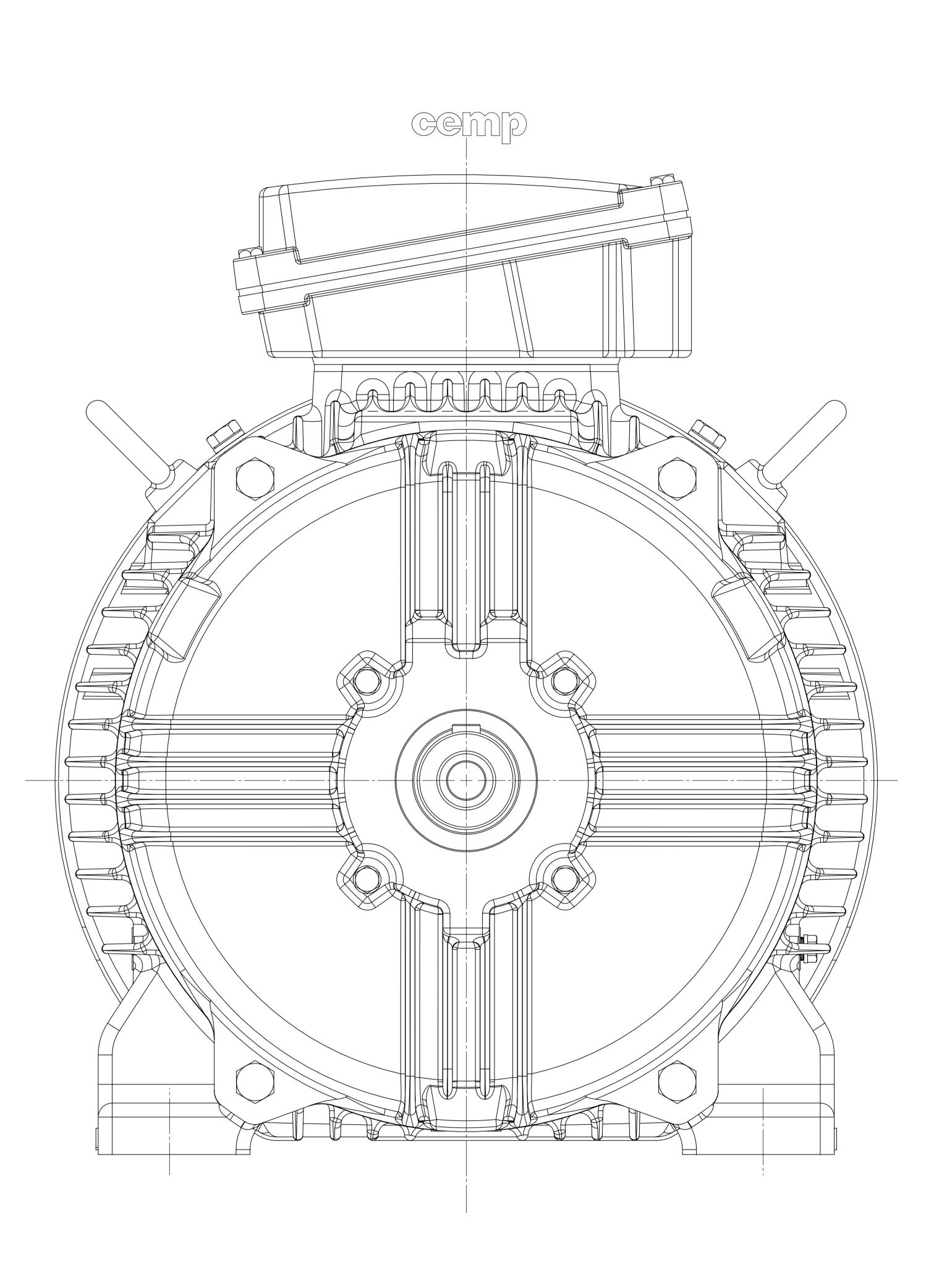
DRAWING REVISION	REVISION BY	DATE	TOLERANCES (EXCEPT AS NOTED) TOLERANCES: ±2	DRAWN BY	TN	REGAL	comp	
ECO	APPROVED BY	DATE	DIMENSIONS ARE IN mm	DATE	11/11/2021	REUAL	cemp	
ECO DESCRIPTION			ACCORDING TO IEC 60072	APPROVED BY	LP	DESCRIPTION	Motor 160 TC (L) B3	
COPYRIGHT CEMP Sri ALL RIGHTS RESERVED.  PROPRIETARY AND CONFIDENTIAL INFORMATION - THIS DOCUMENT IS THE PROPERTY OF CEMP Sri ("OWNER") AND CONTAINS OWNERS' PROPRIETARY INFORMATION. ANY PERSON, CORPORATION OR OTHER FIRM RECEIVING IT IS DEEMED, BY RECEIVING IT, TO AGREE THAT IT, AND/OR ANY PART OF IT, SHALL NOT BE DISCLOSED TO ANY PERSON, CORPORATION OR OTHER ENTITY, DUPICICATED, AND/OR USED, EXCEPT AS EXPRESSLY APPROVED IN WRITING IN ADVANCE BY OWNER. THIS DOCUMENT SHALL BE RETURNED TO OWNER UPON REQUEST. IT MAY BE SUBJECT TO EXTAIN RESTRICTIONS UNDER APPLICABLE EXPORT CONTROL LAWS AND OR EGULATIONS.			DATE	12/11/2021		Wotor 100 10 (E) B0		
		SERIAL NUMBER	REFERENCE					
			FIRST ANGLE PROJECTION		SIZE DRAWING NU	JMBER <b>B3A04T8160001A01</b>	SHEET 1 OF 2	
						1	3 of 6	1

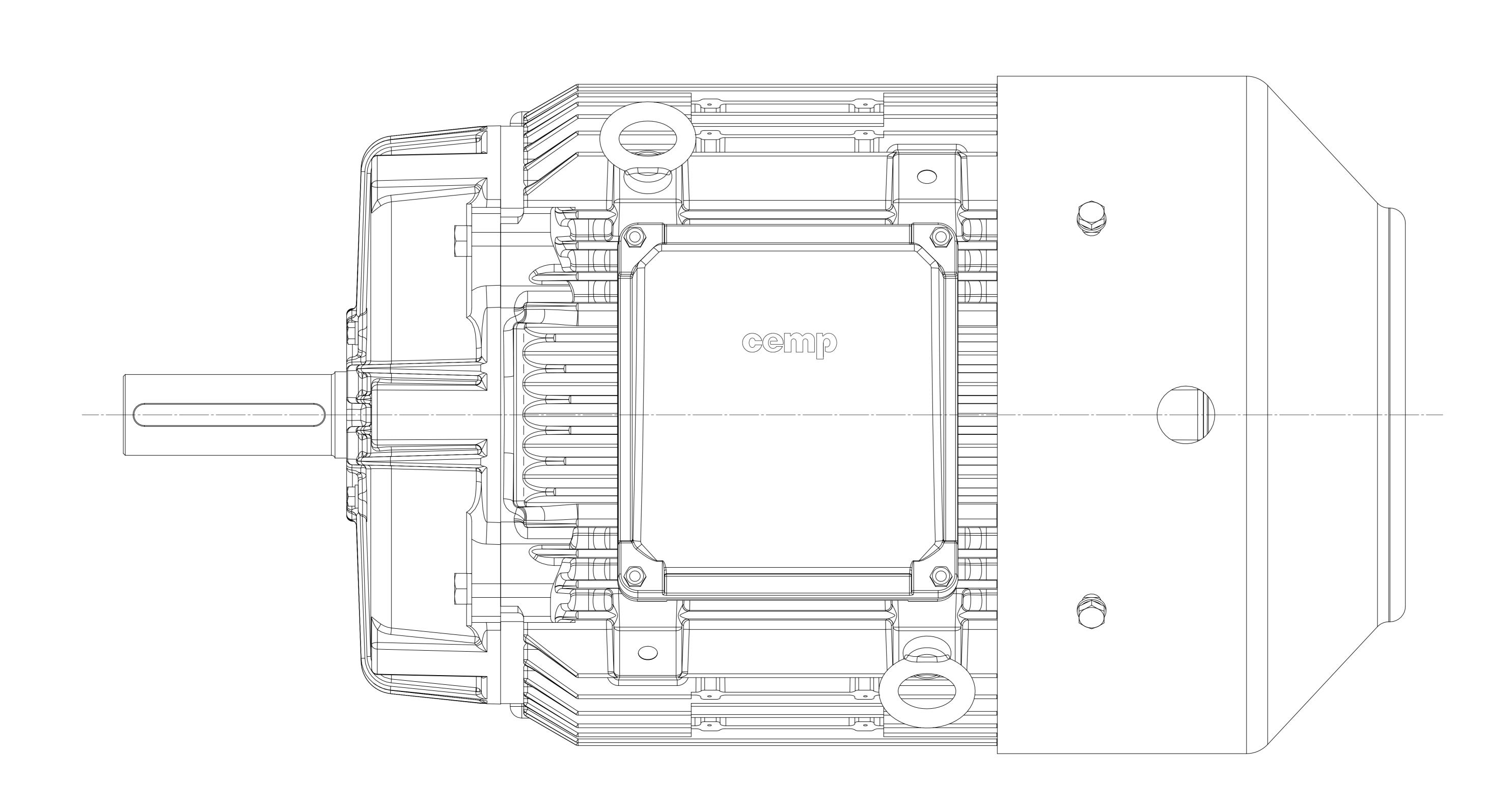
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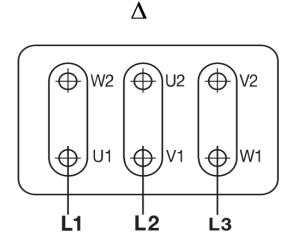
Schema di collegamento - Connection diagram Schemas de branchement - Schaltplän Esquemas de conéxion



DTE 01/01/2004 SC - 01 - T - 1v.doc

## Motori trifase una velocità - Single speed, three phase motors - Moteurs triphasé une vitesse Drehstrommotor Eine Drehzahlstufe - Motores trifásico una velocidad

Collegamento - Connection - Connexion - Schaltung - Conexiòn



L1 - L2 - L3 = Linea - Supply - Reseau - Netz - Red

Per invertire la rotazione invertire due fasi - To change the rotation reverse two phases - Pour changer le sens de rotation inverser deux phases - Zur Drehrichtungsänderung zwei Phasen vertauschen - Para invertir el sentido de rotación invertir dos fases

Marcatura Morsetti Ausiliari - Additional terminals marking (IEC60034-8)				
Marcatura <i>Marking</i>	No. morsetti terminals	Morsetto ausiliare per:  Additional terminal for:		
TP1A - TP2A (allarme- warning)	2	Termistori PTC (alta velocità) - Thermistor PTC (high speed) [*]		
TP1B - TP2B (allarme- warning)	2	Termistori PTC (bassa velocità) - Thermistor PTC (low speed) [*]		
R1 - R2 - R3 (I sensore - sensor)	3			
R4 - R5 - R6 (II sensore - sensor)	3	Termistore PT100 3 fili - Thermistor PT 100 with 3 wires		
R7 - R8 - R9 (III sensore - sensor)	3			
R11 - R12 - R13 (anteriore - <i>DE</i> )	3	Termistore PT100 su cuscinetto - Thermistor PT 100 on bearing		
R21 - R22 - R23 (posteriore - <i>NDE</i> )	3			
TB1 - TB2 (allarme- warning)	2 Protettore bimetallico normalmente chiuso -			
TB3 - TB4 (intervento- switch off)	2	Normally closed bi-metallic switch (**)		
TB8 - TB9 (intervento- switch off)	2	Protettore bimetallico del freno normalmente chiuso - NC brake bi-metallic switch (**)		
TM1 - TM2 (allarme- warning)	2	Protettore bimetallico normalmente aperto -		
TM3 - TM4 (intervento- switch off)	2	Normally open bi-metallic switch (**)		
HE1- HE2	2	Resistenze riscaldanti - Space heaters		
U1 - U2	2	Ventilazione ausiliaria monofase - Single phase forced ventilation		
U - V - W	2	Ventilazione ausiliaria trifase - Three phase forced ventilation		
colori secondo schema del produttore - colours according manufacturer	9	Encoder		
CA1 - CA2	2	Condensatore - Capacitor		
PE	1	Conduttore di terra - Earth cable		

<sup>[\*]</sup> U nominale - U rated = 6V - max 30V

<sup>(\*\*)</sup> U nominale - U rated = 250V