

ABB BALDOR RELIANCE III

Customer information packet

CECP84310T-4

60HP, 3560RPM, 3PH, 60HZ, 364TSC, A36056M, TEF

Class - CLI GP A,B,C,D

Division - Division II

Specifications

Enclosure	TEFC
Frame	364TSC
Frame Material	Iron
Frequency	60.00 Hz
Haz Area Class and Group	CLI GP A,B,C,D
Haz Area Division	Division II
Motor Letter Type	Three Phase
Output @ Frequency	60.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	3600 RPM @ 60 HZ
Voltage @ Frequency	460.0 V @ 60 HZ
Agency Approvals	CCSAUSEEV NEMA PREMIUM NEMA_PREMIUM UR CCSA US
Ambient Temperature	40 °C
Auxiliary Box	NO AUXILLARY BOX
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Constant Torque Speed Range	0.7-60
Current @ Voltage	65.100 A @ 460.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	95.0 %
Enclosure Modification	841
Feedback Device	NO FEEDBACK
Haz Area Temp Code	T3
Heater Indicator	No Heater
High Voltage Full Load Amps	65.1 a
Insulation Class	F

Part Detail

Revision	L
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A36WG0116
Layout	617428-621
Eff. date	08-26-2024
CD Diagram	416820-036
Poles	02
Leads	3#4
Proprietary	False
Created date	01-03-2019

Inverter Code	Inverter Duty
IP Rating	IP56
KVA Code	F
Lifting Lugs	No Lifting Lugs
Max Speed	4500 rpm
Motor Lead Quantity/Wire Size	3 @ 4 AWG
Motor Standards	NEMA
Motor Type	A36056M
Mounting Arrangement	F1
No Load Current	14.1 a
Number of Poles	2
Overall Length	31.36 IN
Power Factor	90
Pulley End Bearing Type	Ball
Pulley Face Code	C-Face
Service Factor	1.15
Shaft Diameter	1.875 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Phase Seq-Std Rot (CCWODE)
Shaft Slinger Indicator	No Slinger
Speed	3560 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	None

Nameplate

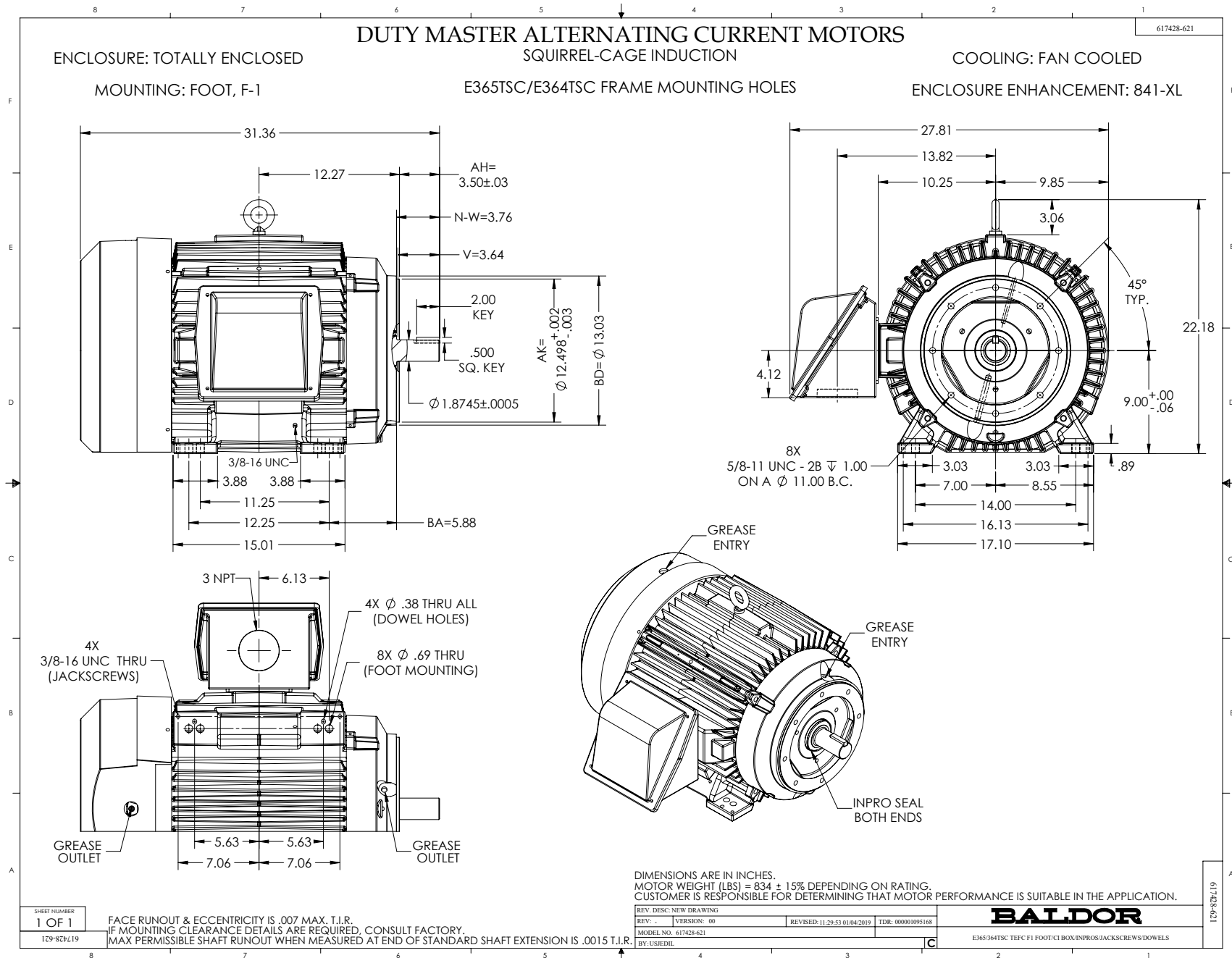
NP4388																	
CAT #	CECP84310T-4						FR	364TSC			IP56						
SPEC	A36-5000-0116						ENCL	TEFC			DES	B					
HZ	60	PH	3	CL	F	HP	60	SF	1.15	PF	90	%	CODE	F			
VOLTS	460					AMPS	65.1										
RPM	3560		MAX RPM			4500	SER										
NEMA NOM. EFF	95	%		RATING			40C AMB-CONT										
GUAR MIN. EFF	94.1	%		BRG DE			6313			BRG ODE		6313					
CL I DIV 2 GRPS A,B,C,D				CL I ZONE 2 GRPS						IIA,IIB,IIC			TEMP T		3-200		C
CT HZ	0.7-60		VT HZ			0-60											
CHP HZ	60-75		INV TEMP CL				200	C									
							MTR WT		899		LBS						

NP4333

CAT #	CECP84310T-4	ROTOR BARS	38
SPEC	A36-5000-0116	STATOR SLOTS	48
SER		MAX CORR KVAR	5
GREASE	POLYREX EM		
ABMA DE BRG	65BC03J30X	ODE	65BC03J30X

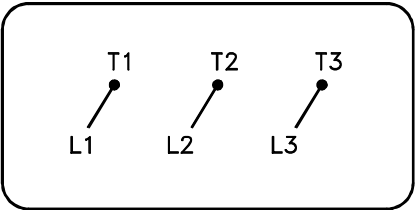
SPACE HEATER LEADS H1-H2: TIE LIKE NUMBERS TOGETHER

MAX. SPACE HEATER TEMP.	C	V	A	W
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416820-036

A-C MOTOR
CONNECTION DIAGRAM
STANDARD 3 LEAD CONNECTED



(N.P. 1575-BA)

416820-036

REV. DESC: LOADED TO BUS, C/R 335225		
REV. LTR: -	VERSION: 00	TDR: 000000538207
FILE: \MGA\00000\682		REVISED: 11: 54: 06 04/30/2010
MTL: -		BY: RAGRA

BALDOR

CONN DIAG - STANDARD 3 LEAD
SH 1 of 1