

ABB BALDOR RELIANCE III

Customer information packet

CECP84313T-4

75HP, 3555RPM, 3PH, 60HZ, 365TSC, A36068M, TEF

Class - CLI GP A,B,C,D

Division - Division II

Specifications

Enclosure	TEFC
Frame	365TSC
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	75.000 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	15-60
Current @ Voltage	80.700 A @ 460.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	94.5 %
Enclosure Modification	841
Feedback Device	NO FEEDBACK
Haz Area Temp Code	T3
Heater Indicator	No Heater
High Voltage Full Load Amps	80.7 a
Insulation Class	F

Part Detail

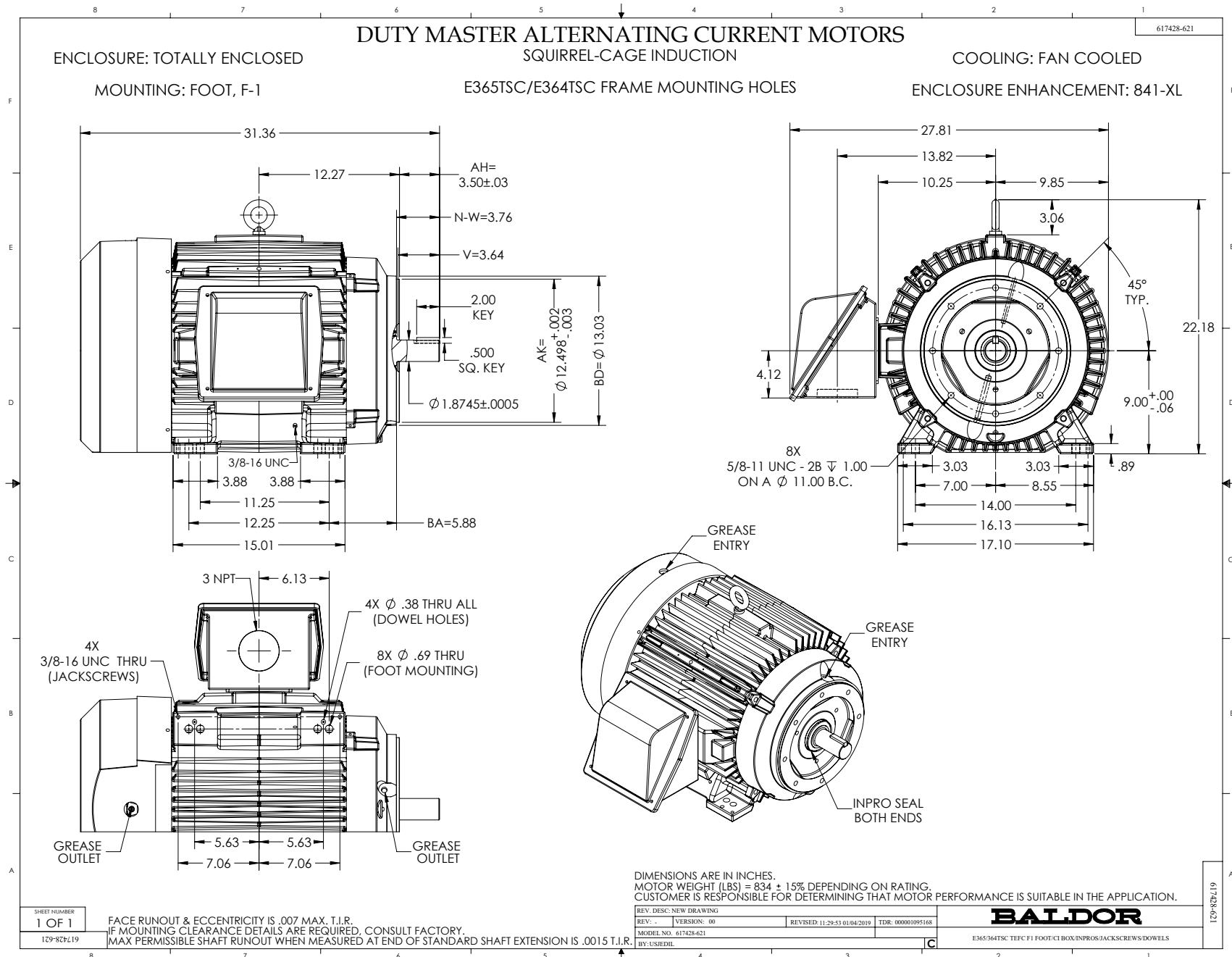
Revision	J
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A36WG0736
Layout	617428-621
Eff. date	08-26-2024
CD Diagram	416820-036
Poles	02
Leads	3#2
Proprietary	False
Created date	01-03-2019

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 @ 2 AWG
Motor Standards	NEMA
Motor Type	A36068M
Mounting Arrangement	F1
No Load Current	15.6 a
Number of Poles	2
Overall Length	31.36 IN
Power Factor	92
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	3555 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	None

Nameplate

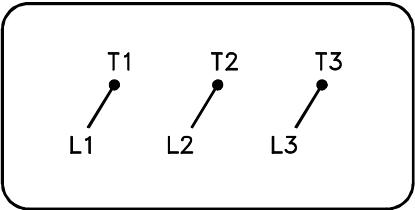
NP4388																	
CAT #	CECP84313T-4						FR	365TSC			IP56						
SPEC	A36-0730-0736						ENCL		TEFC		DES	B					
HZ	60	PH	3	CL	F	HP	75	SF	1.15		PF	92	%	CODE	F		
VOLTS	460					AMPS		80.7									
RPM	3555		MAX RPM			4500	SER										
NEMA NOM. EFF	94.5	%	RATING			40C AMB-CONT											
GUAR MIN. EFF	93.6	%	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	15-60		VT HZ			3-60											
CHP HZ	60-75		INV TEMP CL					200	C								
								MTR WT		1007	LBS						

NP4333									
CAT #		CECP84313T-4		ROTOR BARS		38			
SPEC		A36-0730-0736		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	



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
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