

ABB BALDOR RELIANCE III

Customer information packet

CECP4314T-5

60HP, 1780RPM, 3PH, 60HZ, 364TC, TEFC, F1

Class - None

Division - Division II

Specifications

Enclosure	TEFC
Frame	364TC
Frame Material	Iron
Frequency	60.00 Hz
Haz Area Class and Group	None
Haz Area Division	Division II
Motor Letter Type	Three Phase
Output @ Frequency	60.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage @ Frequency	575.0 V @ 60 HZ
Agency Approvals	CCSAUSEEV
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	55.000 A @ 575.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	95.0 %
Enclosure Modification	Severe Duty Features
Feedback Device	NO FEEDBACK
Haz Area Temp Code	T3
Heater Indicator	No Heater
High Voltage Full Load Amps	55.0 a
Insulation Class	F
Inverter Code	Inverter Ready
KVA Code	G
Lifting Lugs	Standard Lifting Lugs
Motor Lead Quantity/Wire Size	3 @ 4 AWG

Part Detail

Revision	F
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A36WG4086
Layout	617428-136
Eff. date	02-13-2025
CD Diagram	416820-036
Poles	04
Leads	3#4
Proprietary	False
Created date	10-01-2019

Motor Standards	NEMA
Motor Type	A3658M
Mounting Arrangement	F1
Number of Poles	4
Overall Length	33.48 IN
Power Factor	84
Product Family	General Industrial
Pulley End Bearing Type	Ball
Pulley Face Code	C-Face
Service Factor	1.15
Shaft Diameter	2.374 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	Shaft Slinger
Speed	1780 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	None

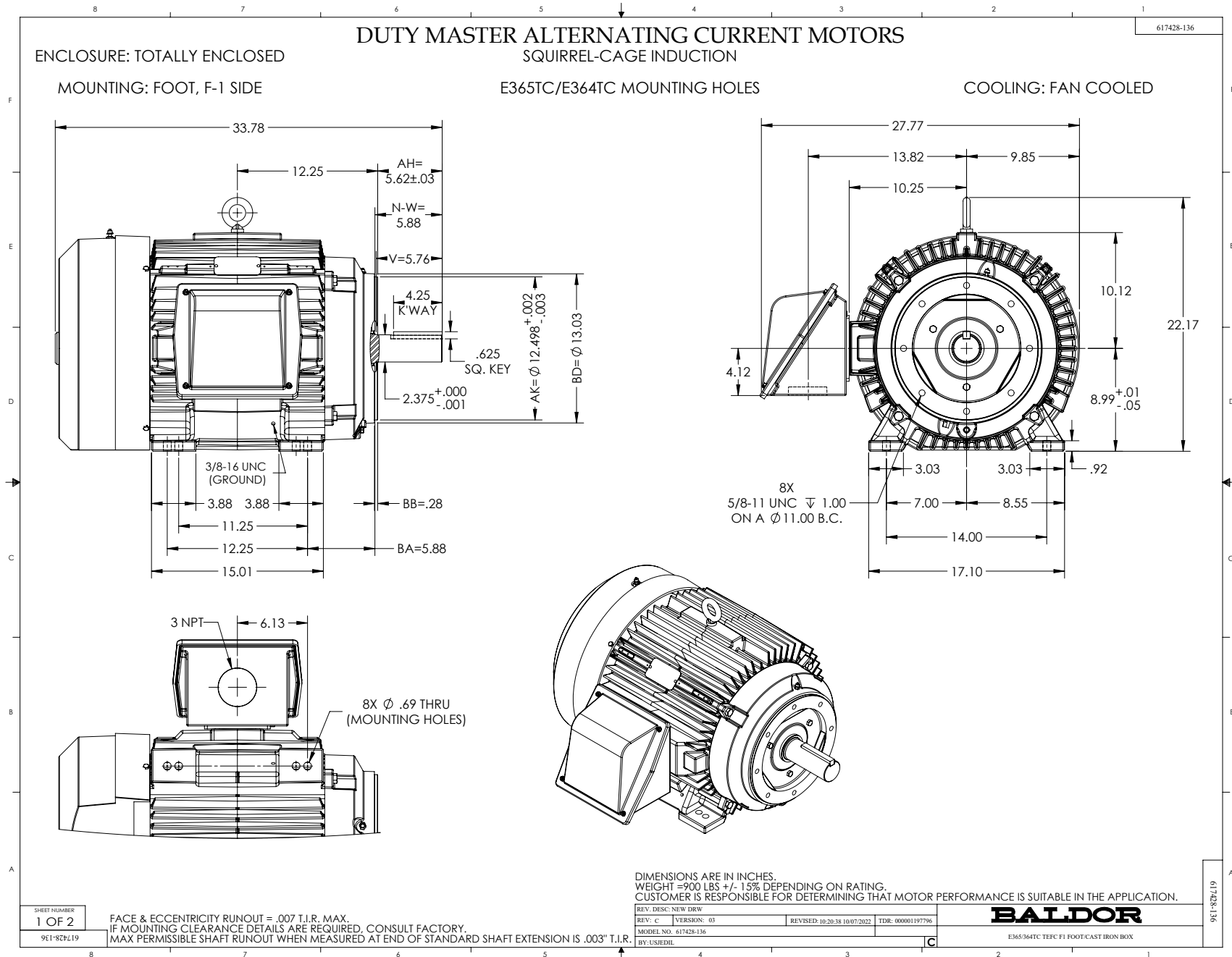
Nameplate

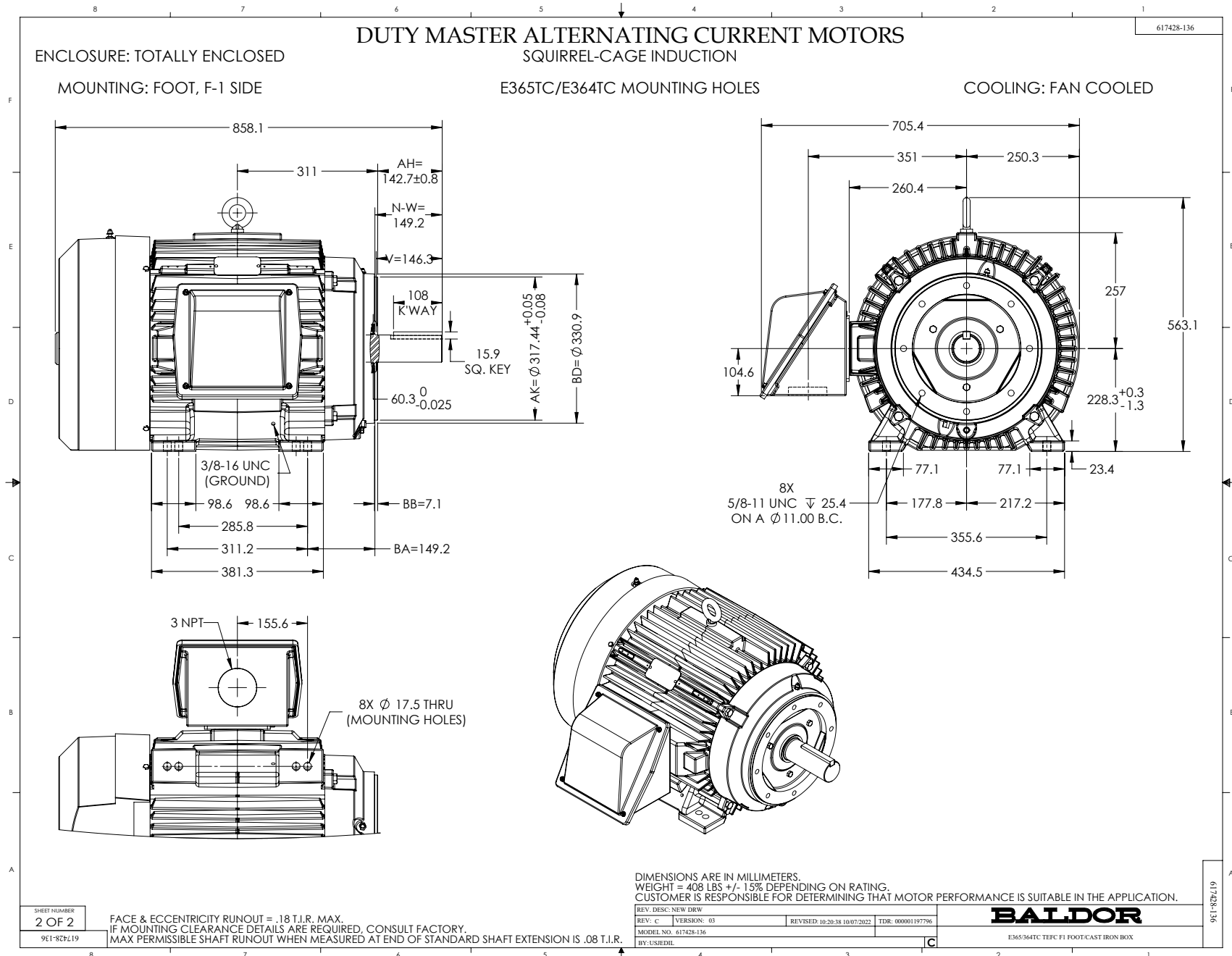
NP2496L	
MOBIL POLYREX EM	

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IP55 CONSTRUCTION	

NP3238

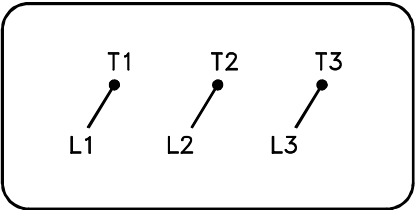
CAT NO	CECP4314T-5			SPEC NO.	A36-0005-4086		
HP	60	AMPS	55	VOLTS	575	DESIGN	B
FRAME	364TC	RPM	1780	HZ	60	AMB	40
D.E. BRG.DATA	6313	O.D.E. BRG.DATA	6313	SF	1.15	PH	3
D.E. BRG.	65BC03J30X	TYPE	P	ENCL	TEFC	CODE	G
O.D.E. BRG.	65BC03J30X	POWER FACTOR	84	NEMA NOM EFFICIENCY	95	CONT	INSUL.CLASS
3/4 LOAD EFF.	95.4	MAX CORR KVAR	13.60	GUARANTEED EFFICIENCY	94.1	DUTY	F
TEMP CODE	T3	TEMP =	200				
CHP HZ	60-90	CT HZ	15-60	VT HZ	0-60		
INVERTER-TEMP-CODE	T3						
SER.NO.				MOTOR WEIGHT			





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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