

ABB BALDOR RELIANCE III

Customer information packet

CECP4310T

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	230.0 V @ 60 HZ 460.0 V @ 60 HZ
Agency Approvals	NEMA PREMIUM NEMA_PREMIUM UR CCSAUSEEV
Ambient Temperature	40 °C
Auxiliary Box	NO AUXILLARY BOX
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Constant Torque Speed Range	6-60
Current @ Voltage	130.000 A @ 230.0 V 143.000 A @ 208.0 V 65.100 A @ 460.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	93.6 %
Enclosure Modification	Severe Duty Features
Feedback Device	NO FEEDBACK
Haz Area Temp Code	T3
Heater Indicator	No Heater

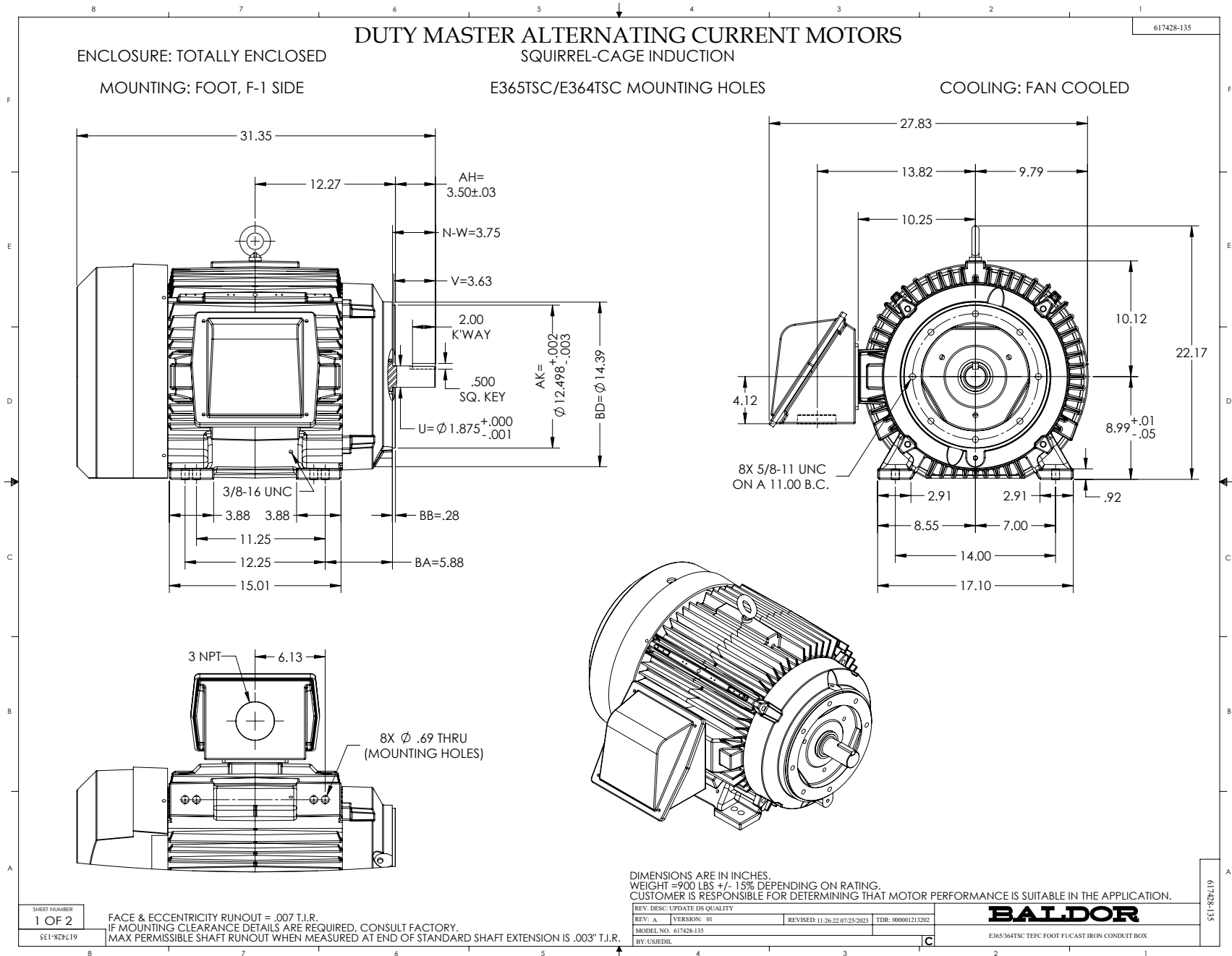
Part Detail

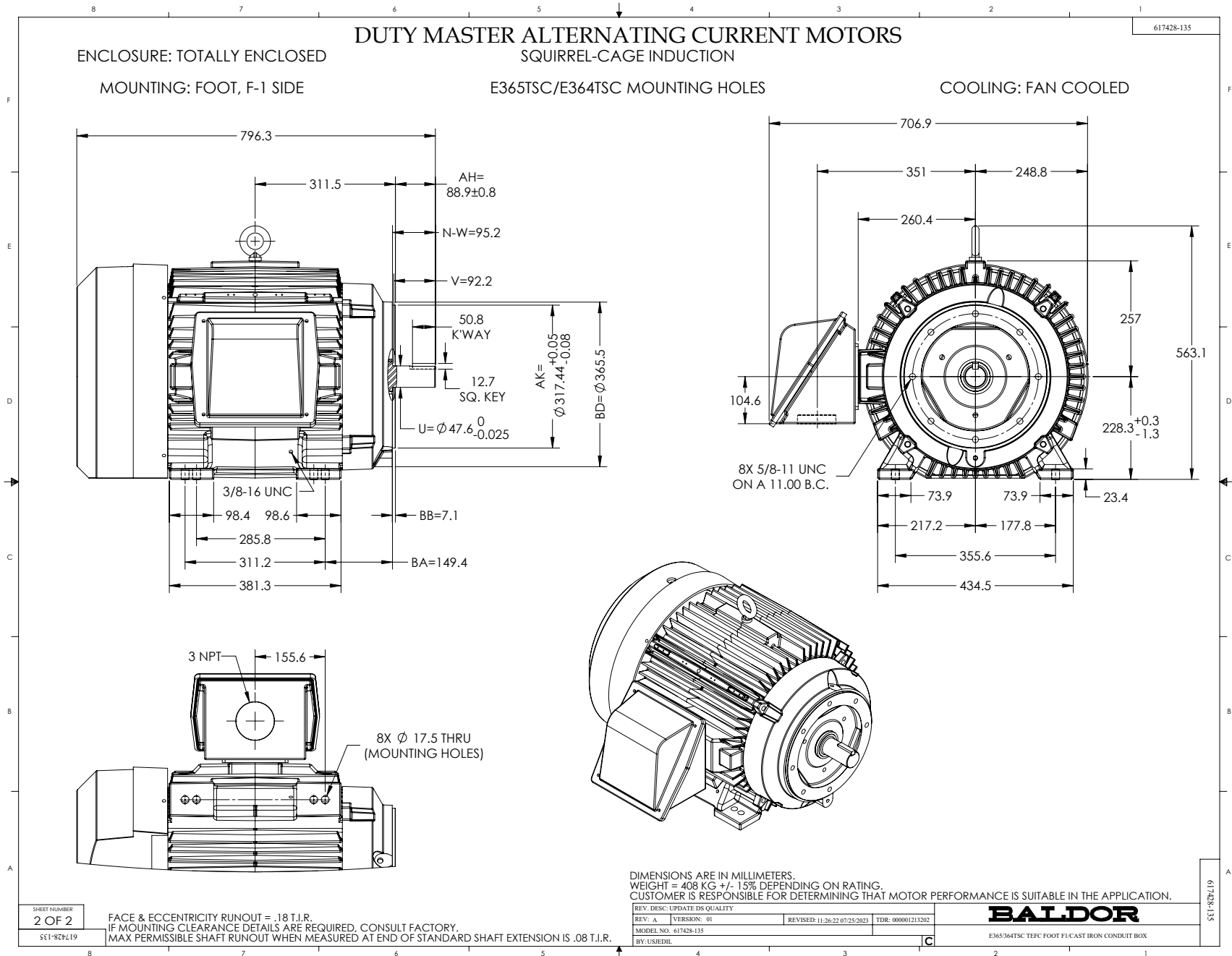
Revision	H
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A36WG1558
Layout	617428-135
Eff. date	07-30-2025
CD Diagram	416820-002
Poles	02
Leads	3#4,6#6
Proprietary	False
Created date	10-25-2016

High Voltage Full Load Amps	65.1 a
Insulation Class	F
Inverter Code	Inverter Duty
IP Rating	NONE
KVA Code	G
Lifting Lugs	Standard Lifting Lugs
Max Speed	4500 rpm
Motor Lead Quantity/Wire Size	3 @ 4 AWG
Motor Standards	NEMA
Motor Type	A36056M
Mounting Arrangement	F1
Number of Poles	2
Overall Length	31.31 IN
Power Factor	91
Product Family	General Industrial
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	Reversible
Shaft Slinger Indicator	Shaft Slinger
Speed	3560 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	None

Nameplate

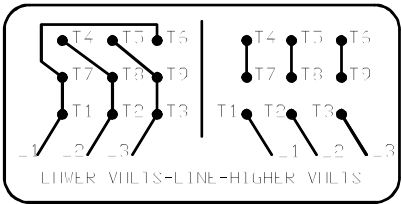
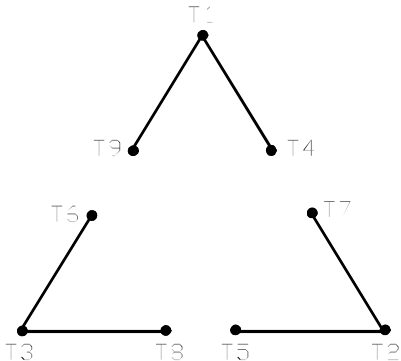
NP4033LUA																
CAT #		CECP4310T				SER					CC		010A			
SPEC		A36-7790-1558				RATING		40C AMB-CONT								
HZ		VOLTS		AMPS		RPM		HP	CODE		SF	DES	PF	NEMA NOM. EFF		
60		230/460		130/65.1		3560		60	G		1.15	B	91	%	93.6	%
														%		%
PH	3	CL	F	MAX RPM	4500	MAX CORR KVAR		6.5								
BRG		DE	6313	ODE	6313	ENCL	TEFC	FR	364TSC		IP	55				
GREASE		POLYREX EM								MTR WT		897	LBS			
CL I DIV 2 GRPS A,B,C,D				CL I ZONE 2 GRPS				IIA,IIB,IIC				TEMP T		200	C	
INV READY		CT	15-60	HZ	4:1	VT	3-60	HZ	20:1		CHP	60-75	HZ	1.25:1		
INV TEMP CL		200	C	USABLE AT		50HP 190/380V 133/66.5A						SF1.0				





416820-002

A-C MOTOR
CONNECTION DIAGRAM
STANDARD 9 LEAD DELTA-CONNECTED



(N.P. 1575-B)

REV. DESC: FONT CHANGE FOR PDF SEARCHABLE		
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BALDOR - RELIANCE®

CONN DIAG — STANDARD 9 LEAD, DELTA-CONNECTED
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