

ABB BALDOR RELIANCE III

Customer information packet

EM4313T-G

75HP, 3555RPM, 3PH, 60HZ, 365TS, A36068M, TEFC

Class - None

Division - Not Applicable

Specifications

Enclosure	TEFC
Frame	365TS
Frame Material	Iron
Frequency	60.00 Hz
Haz Area Class and Group	None
Haz Area Division	Not Applicable
Motor Letter Type	Three Phase
Output @ Frequency	75.000 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	CURUSEEV NEMA PREMIUM NEMA PREMIUM (OLD LOGO)
Ambient Temperature	40 °C
Auxiliary Box	NO AUXILLARY BOX
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Current @ Voltage	161.000 A @ 230.0 V 80.700 A @ 460.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	93.6 %
Feedback Device	NO FEEDBACK
Heater Indicator	No Heater
High Voltage Full Load Amps	80.7 a
Insulation Class	H
Inverter Code	Inverter Duty
KVA Code	G
Lifting Lugs	Standard Lifting Lugs

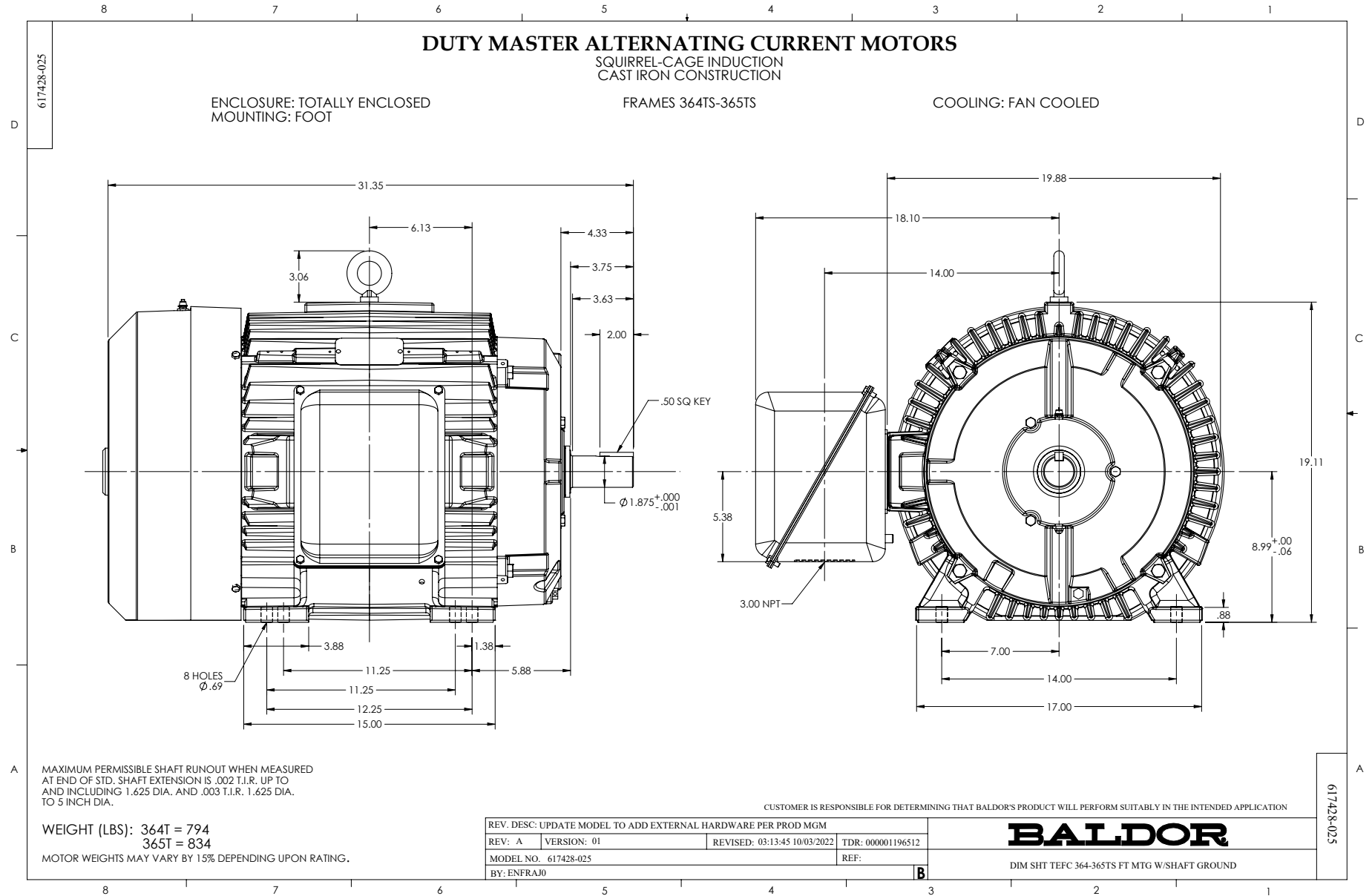
Part Detail

Revision	G
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A36WG1545
Layout	617428-025
Eff. date	05-15-2026
CD Diagram	416820-002
Poles	02
Leads	3#2,6#4
Proprietary	False
Created date	05-27-2020

Max Speed	4500 rpm
Motor Lead Quantity/Wire Size	3 @ 2 AWG
Motor Standards	NEMA
Motor Type	A36068M
Mounting Arrangement	F1
Number of Poles	2
Overall Length	31.36 IN
Power Factor	92
Product Family	General Industrial
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Service Factor	1.15
Shaft Diameter	1.875 IN
Shaft Ground Indicator	Shaft Grounding
Shaft Rotation	Reversible
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

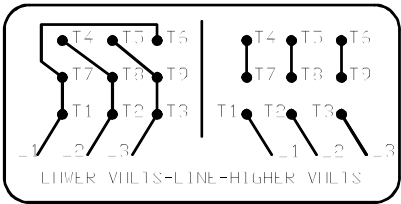
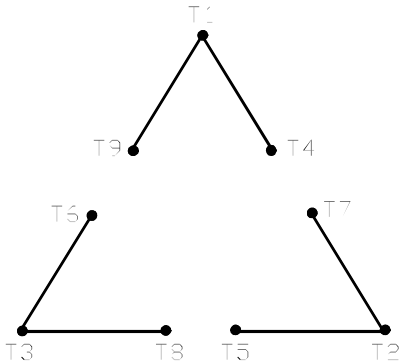
Nameplate
NP3979LUA

CAT #		EM4313T-G				SER				CC		010A				
SPEC		A36-0001-1545				RATING		40C AMB-CONT								
HZ		VOLTS		AMPS		RPM		HP	CODE		SF	DES	PF	NEMA NOM. EFF		
60		230/460		161/80.7		3555		75	G		1.15	B	92	%	93.6	%
		-												%		%
PH	3	CL	H	MAX CORR KVAR		6.5										
BRG		DE	6313	ODE		6313	ENCL	TEFC	FR		365TS		54			
GREASE		POLYREX EM								MTR WT		966	LBS			
USABLE AT		50HZ 60HP 190/380V 158/79A								SF1.0						
INVERTER DUTY		CT	15-60	HZ	4:1	VT	3-60	HZ	20:1	CHP	60-75	HZ	1.5:1	1.0 SF VPWM		
MAX RPM		4500														



416820-002

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



(N.P. 1575-B)

REV. DESC: FONT CHANGE FOR PDF SEARCHABLE		
REV. LTR: A	VERSION: 01	TDR: 000001009382
FILE: \MGA\00000\661	REVISED: 02:46:19 02/13/2020	BY: MGHMTT
MTL: —		

BALDOR - RELIANCE®

CONN DIAG — STANDARD 9 LEAD, DELTA-CONNECTED
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