

BALDOR • RELIANCE

Customer information packet

CEM4310T

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

Class - None

Division - Not Applicable

Specifications

Enclosure	TEFC
Frame	364TSC
Frame Material	Iron
Frequency	60.00 Hz
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
XP Class and Group	None
XP Division	Not Applicable
Agency Approvals	CCSAUSEEV NEMA PREMIUM NEMA_PREMIUM UR
Ambient Temperature	40 °C
Auxillary Box	No Auxillary Box
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Current @ Voltage	65.400 A @ 460.0 V 145.000 A @ 208.0 V 131.000 A @ 230.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	94.5 %
Feedback Device	NO FEEDBACK
Heater Indicator	No Heater
High Voltage Full Load Amps	65.4 a
Insulation Class	F
Inverter Code	Inverter Ready

Part detail

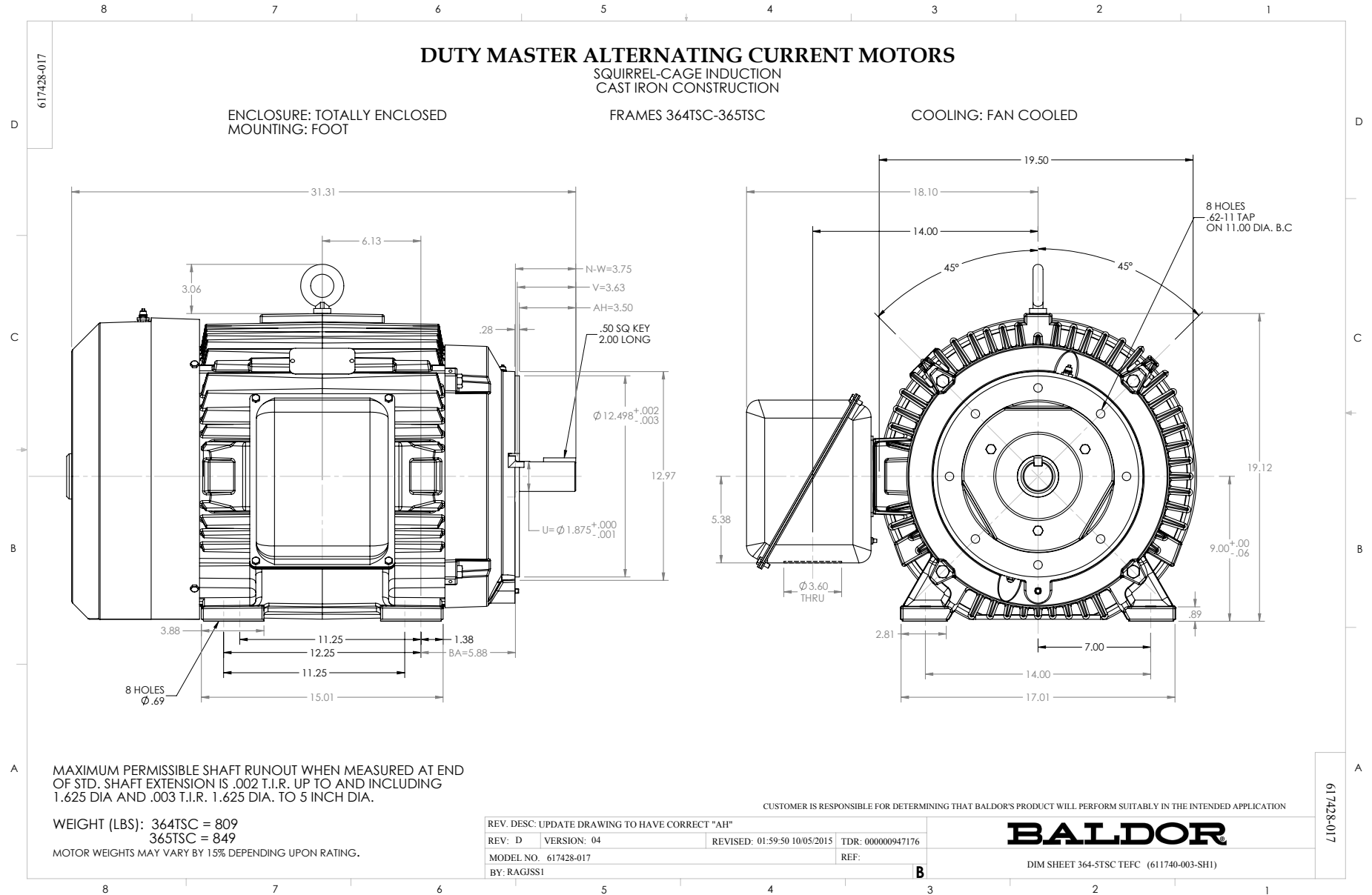
Revision	V
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A36WG0224
Layout	617428-017
Eff. date	11-02-2021
CD Diagram	416820-002
Poles	02
Leads	3#4,6#6
Proprietary	False
Created date	01-13-2011

KVA Code	G
Lifting Lugs	Standard Lifting Lugs
Max Speed	2700 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	Other
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
Speed	3555 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	None

Nameplate

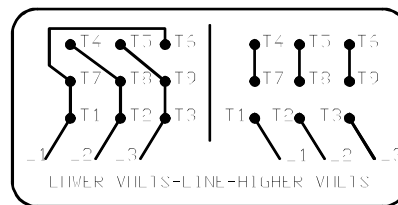
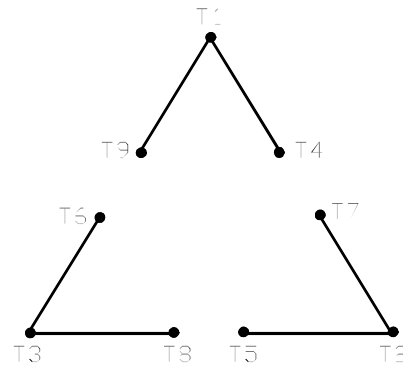
NP3979LUA

CAT #	CEM4310T		SER			CC	010A						
SPEC	P36G4676		RATING	40C AMB-CONT									
HZ	VOLTS		AMPS		RPM	HP	CODE	-	SF	DES	PF	NEMA NOM. EFF	
60	230/460		131/65.4		3555	60	G		1.15	B	91 %	94.5 %	
	-										%	%	
PH	3	CL	F	MAX CORR KVAR	5	USABLE AT 208V		N/A	A				
BRG	DE	6313	ODE	6313	ENCL	TEFC	FR	364TSC			54		
GREASE	POLYREX EM					MTR WT	870	LBS					
USABLE AT	50HZ 50HP 190/380V 132/66A					SF1.0							
INVERTER DUTY	CT	15-60	HZ	4:1	VT	3-60	HZ	20:1	CHP	60-90	HZ	1.5:1	1.0 SF VPWM
MAX RPM	2700	SFA 151/75.5											



416820-002

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



(N.P. 1575-B)

416820-002

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CONN DIAG - STANDARD 9 LEAD, DELTA-CONNECTED

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