



Customer information packet

EM4308T

40HP, 1190RPM, 3PH, 60HZ, 364T, A36062M, TEFC

Class - None

Division - Not Applicable

Specifications

Enclosure	TEFC
Frame	364T
Frame Material	Iron
Frequency	60.00 Hz
Motor Letter Type	Three Phase
Output @ Frequency	40.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1200 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	CSA EEV CCSA US
Ambient Temperature	40 °C
Auxillary Box	No Auxillary Box
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Current @ Voltage	98.800 A @ 230.0 V 49.400 A @ 460.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	94.1 %
Feedback Device	NO FEEDBACK
Heater Indicator	No Heater
High Voltage Full Load Amps	49.4 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

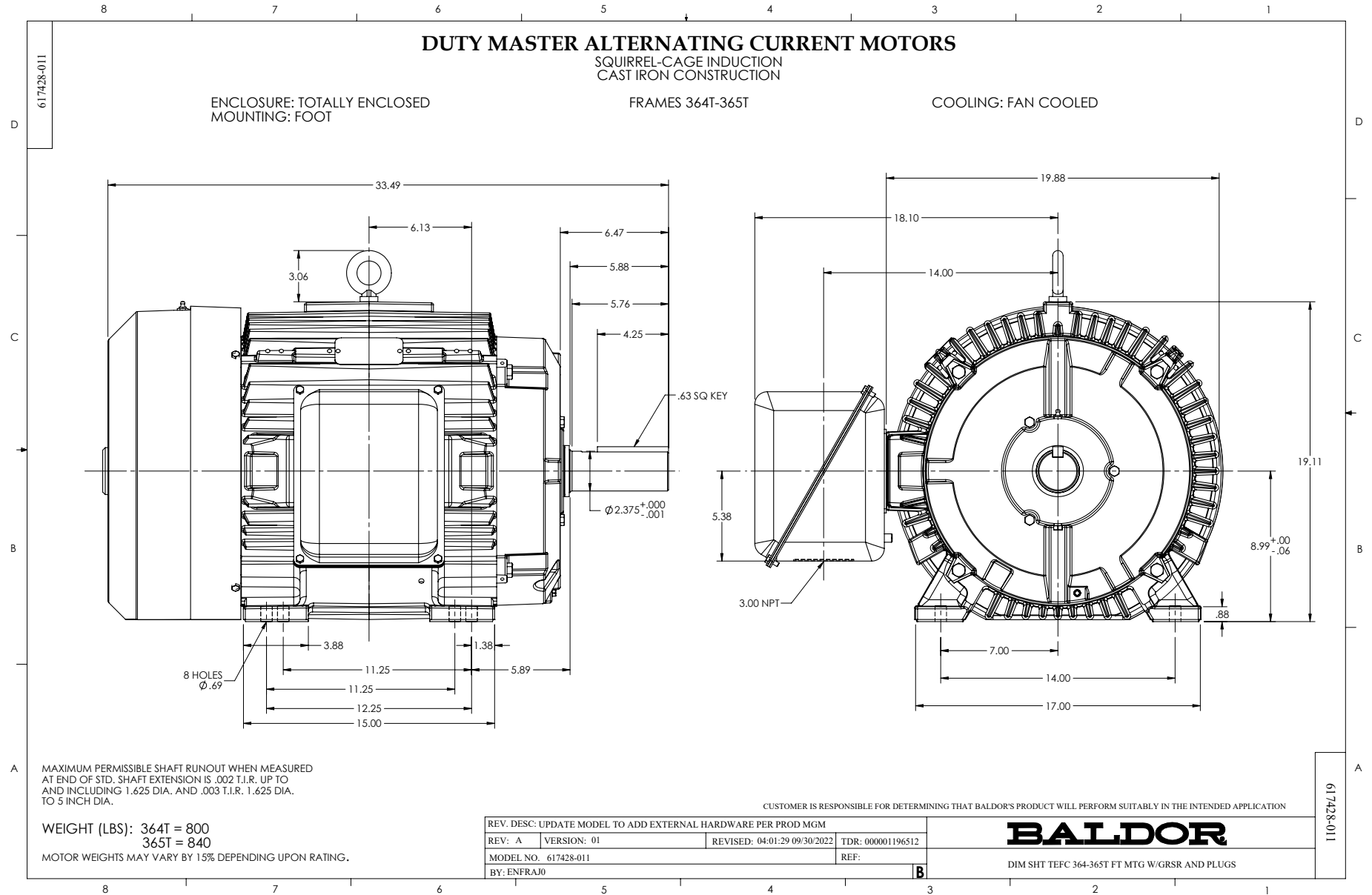
Revision	AD
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A36WG1194
Layout	617428-011
Eff. date	10-24-2022
CD Diagram	416820-002
Poles	06
Leads	3#4,6#6
Proprietary	False
Created date	10-19-2010

Motor Standards	NEMA
Motor Type	A36062M
Mounting Arrangement	F1
Number of Poles	6
Overall Length	33.48 IN
Power Factor	80
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Service Factor	1.15
Shaft Diameter	2.375 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	1190 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	None

Nameplate

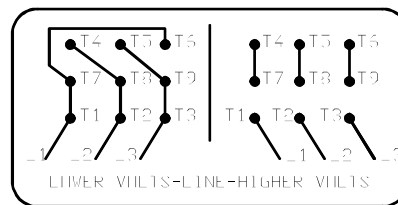
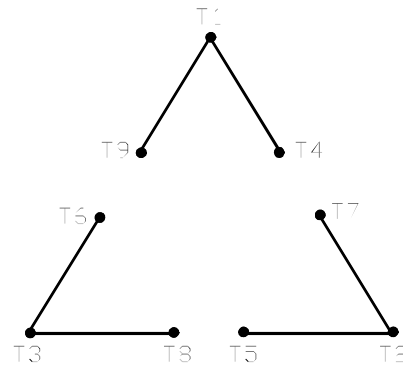
NP3979LUA

CAT #	EM4308T		SER			CC	010A						
SPEC	P36G3400		RATING	40C AMB-CONT									
HZ	VOLTS		AMPS		RPM	HP	CODE	-	SF	DES	PF	NEMA NOM. EFF	
60	230/460		99.6/49.8		1190	40	G		1.15	B	80 %	94.1 %	
	-										%		%
PH	3	CL	F	MAX CORR KVAR	12	USABLE AT 208V		109	A				
BRG	DE	6313	ODE	6313	ENCL	TEFC	FR	364T			54		
GREASE	POLYREX EM					MTR WT	847	LBS					
USABLE AT	50HZ 30HP 190/380V 98/49A					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	1800	SFA 113/56.3											



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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