



Customer information packet

ECP4308T

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

Class - CLI GP A,B,C,D

Division - Division II

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	CLIP A,B,C,D
XP Division	Division II
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)
Constant Torque Speed Range	6-60
Current @ Voltage	98.800 A @ 230.0 V 49.400 A @ 460.0 V 109.000 A @ 208.0 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

Part detail

Revision	U
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A36WG0747
Layout	617428-034
Eff. date	04-21-2021
CD Diagram	416820-002
Poles	06
Leads	3#4,6#6
Proprietary	False
Created date	10-19-2010

Inverter Code	Inverter Duty
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	A36062M
Mounting Arrangement	F1
Number of Poles	6
Overall Length	33.49 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	Shaft Slinger
Speed	1190 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	None
XP Temp Code	T3A

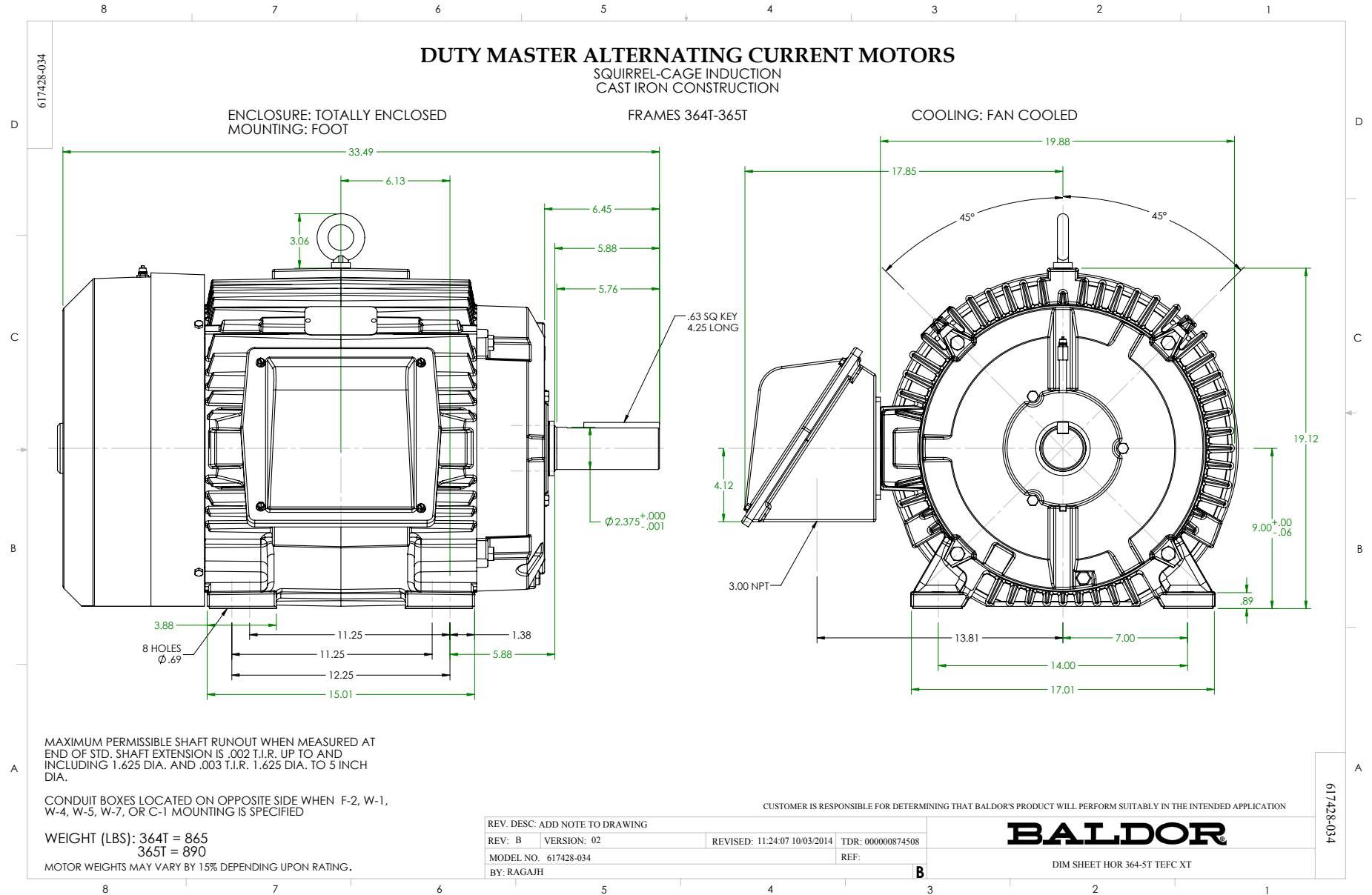
Nameplate

NP4033LUA

CAT #	ECP4308T		SER			CC	010A						
SPEC	P36G3314		RATING	40C AMB-CONT									
HZ	VOLTS		AMPS		RPM	HP	CODE	-	SF	DES	PF	NEMA NOM. EFF	
60	230/460		98.8/49.4		1190	40	G		1.15	B	80 %	94.1 %	
											%	%	
PH	3	CL	F	MAX RPM	2700	MAX CORR KVAR	12	USABLE AT 208V		N/A	A		
BRG	DE	6313	ODE	6313	ENCL	TEFC	FR	364T	IP	55			
GREASE	POLYREX EM				MTR WT	903	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	60-90	HZ	1.5:1	
INV TEMP CL	200	C	USABLE AT	50HZ 30HP 190/380V 98/49A						SF1.0			

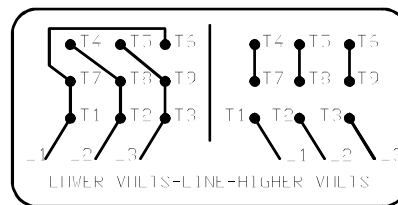
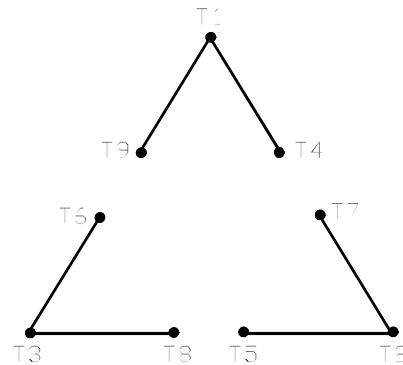
Accessories

Part number	Description	Multiplier
14-1704	C FACE KIT	A8



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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