



Customer information packet

CECP4313T

75HP, 3555RPM, 3PH, 60HZ, 365TSC, A36068M, TEF

Class - None

Division - Division II

Specifications

Enclosure	TEFC
Frame	365TSC
Frame Material	Iron
Frequency	60.00 Hz
Haz Area Class and Group	None
Haz Area Division	Division II
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	CCSAUSEEV NEMA PREMIUM NEMA_PREMIUM UR
Ambient Temperature	40 °C
Auxiliary Box	NO AUXILLARY BOX
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Constant Torque Speed Range	10-60
Current @ Voltage	80.700 A @ 460.0 V 177.000 A @ 208.0 V 161.000 A @ 230.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	94.5 %
Enclosure Modification	Severe Duty Features
Feedback Device	NO FEEDBACK
Haz Area Temp Code	T3
Heater Indicator	No Heater

Part detail

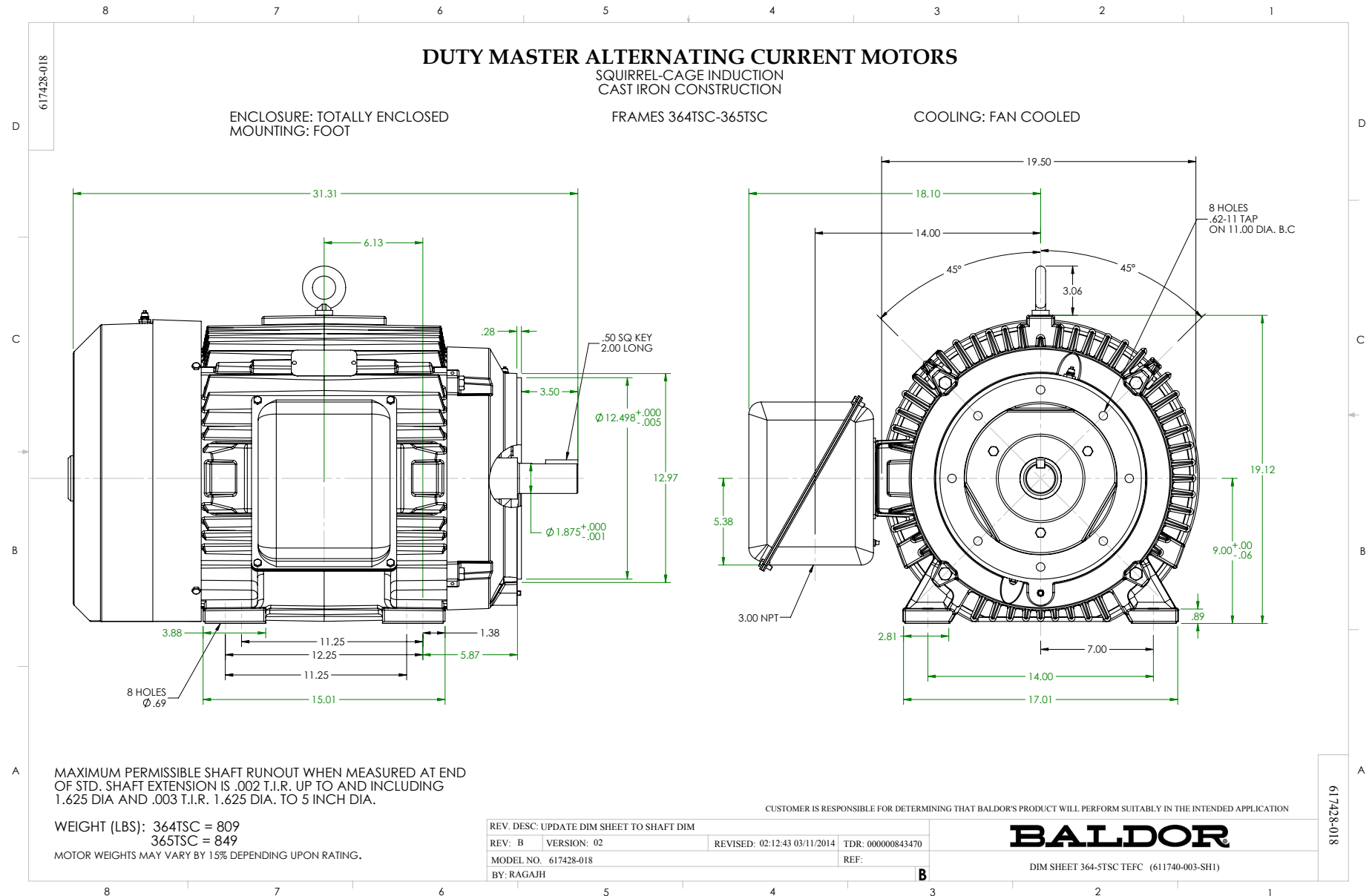
Revision	F
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A36WG0319
Layout	617428-018
Eff. date	08-26-2024
CD Diagram	416820-002
Poles	02
Leads	3#2,6#4
Proprietary	False
Created date	10-25-2016

High Voltage Full Load Amps	80.7 a
Insulation Class	F
Inverter Code	Inverter Duty
KVA Code	G
Lifting Lugs	Standard Lifting Lugs
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	31.31 IN
Power Factor	92
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	3555 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	None

Nameplate

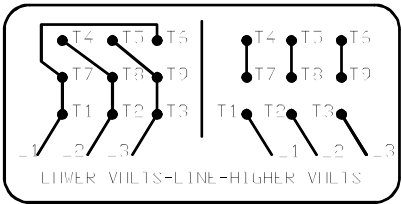
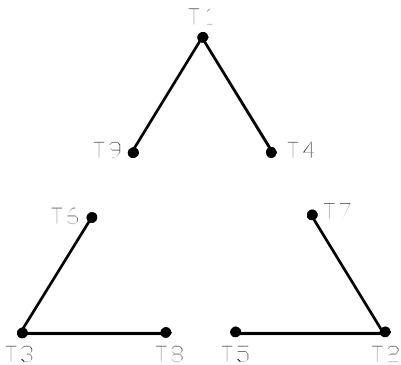
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CAT #												
CECP4313T												
SER												
CC												
010A												
SPEC												
A36-7812-0319												
RATING												
40C AMB-CONT												
HZ												
VOLTS												
AMPS												
RPM												
HP												
CODE												
SF												
DES												
PF												
NEMA NOM. EFF												
60												
230/460												
161/80.7												
3555												
75												
G												
1.15												
B												
92												
%												
94.5												
%												
PH												
3												
CL												
F												
MAX RPM												
4500												
MAX CORR KVAR												
5												
BRG												
DE												
6313												
ODE												
6313												
ENCL												
TEFC												
FR												
365TSC												
IP												
55												
GREASE												
POLYREX EM												
MTR WT												
886												
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												
1.25:1												
INV TEMP CL												
200												
C												
USABLE AT												
50HZ 60HP 190/380V 156/78A												
SF1.0												



416820-002

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



(N.P. 1575-B)

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BALDOR - RELIANCE®

CONN DIAG — STANDARD 9 LEAD, DELTA-CONNECTED
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