

ABB BALDOR RELIANCE III

Customer information packet

EM2547T-CI

60HP, 1780RPM, 3PH, 60HZ, 364T, ODP, FOOT,

Class - None

Division - Not Applicable

Specifications

Enclosure	DP
Frame	364T
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	60.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage @ Frequency	230.0 V @ 60 HZ 460.0 V @ 60 HZ
Agency Approvals	CURUSEEV CSA EEV CCSAUSEEV CCSA US
Ambient Temperature	40 °C
Auxiliary Box	NO AUXILLARY BOX
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Current @ Voltage	139.000 A @ 230.0 V 69.700 A @ 460.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	95.0 %
Feedback Device	NO FEEDBACK
Heater Indicator	No Heater
High Voltage Full Load Amps	69.7 a
Insulation Class	F
Inverter Code	Inverter Ready
IP Rating	NONE

Part Detail

Revision	N
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A36WG4075
Layout	617428-116
Eff. date	07-24-2025
CD Diagram	CD0180
Poles	04
Leads	3#4,6#6
Proprietary	False
Created date	11-18-2010

KVA Code	G
Lifting Lugs	Standard Lifting Lugs
Motor Lead Quantity/Wire Size	3 @ 4 AWG
Motor Standards	NEMA
Motor Type	A3658M
Mounting Arrangement	F1
Number of Poles	4
Overall Length	29.70 IN
Power Factor	84
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Service Factor	1.15
Shaft Diameter	2.374 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	1785 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	None

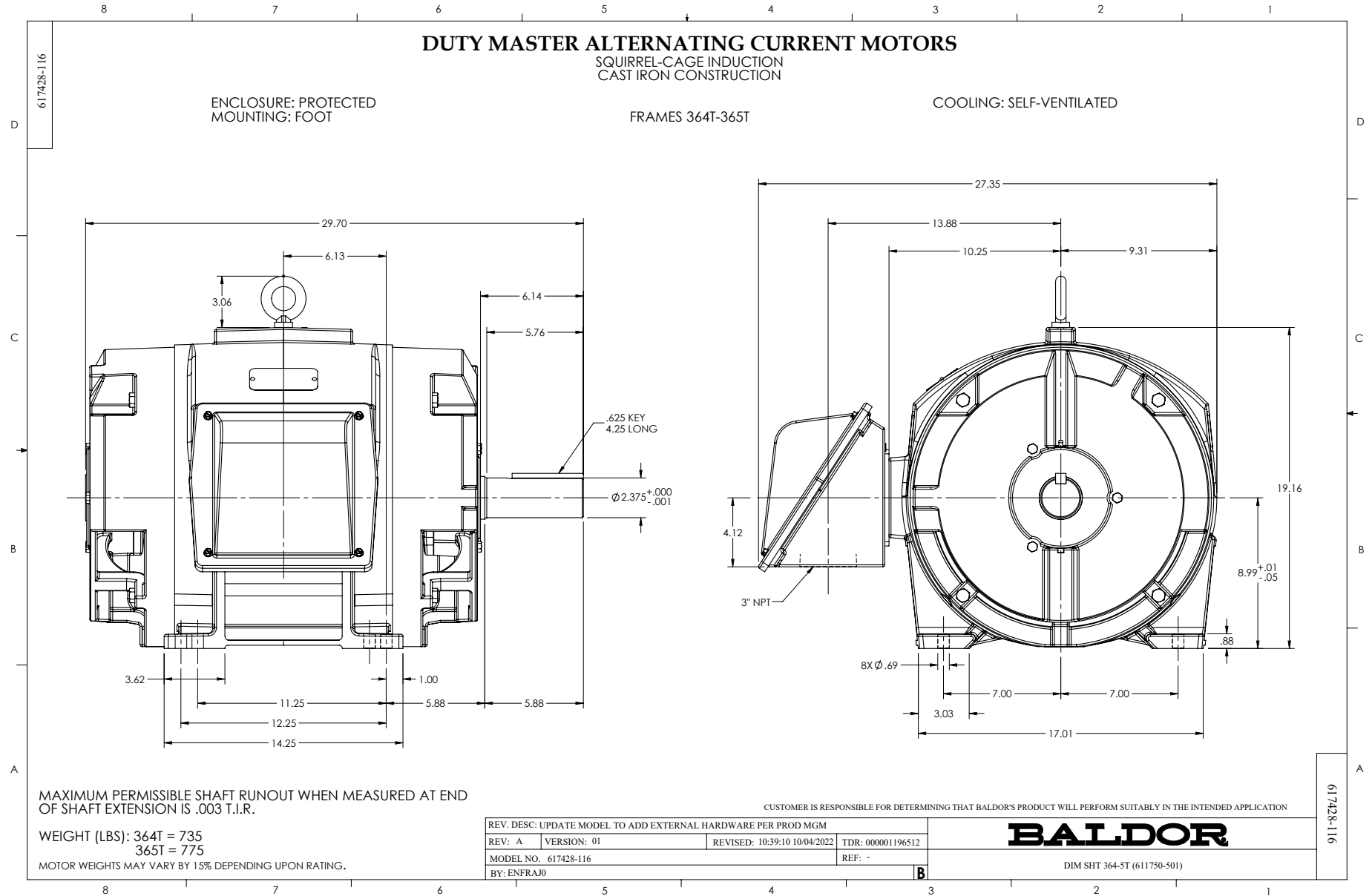
Nameplate

NP2349L												
SPEC NO.	P36G51			CAT.NO.		EM2547T-CI				FRAME	364T	
HP	60	VOLTS	230/460		PHASE	3	DESIGN	B	TYPE	P		
RPM	1785	AMPS	139/69.7		HZ	60	AMB	40	SF	1.15		
DRIVE END BEARING	65BC03J30X			DUTY	CONT	INSUL.CLASS		F				
OPP D.E. BEARING	65BC03J30X			ENCL	DP	CODE	G					
SER.NO.				POWER FACTOR		84	NEMA-NOM-EFFICIENCY				95	
							MAX CORR KVAR		15	GUARANTEED EFFICIENCY		94.1
							NEMA NOM/CSA QUOTED EFF					
							MOTOR WEIGHT					

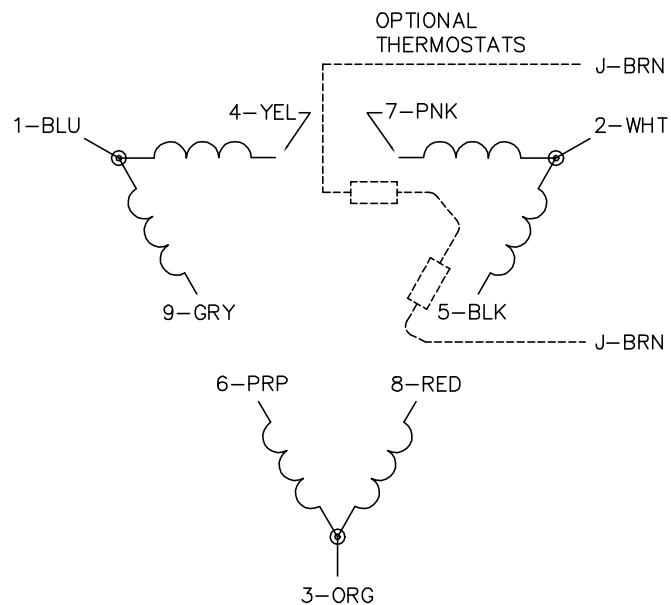
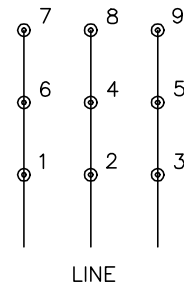
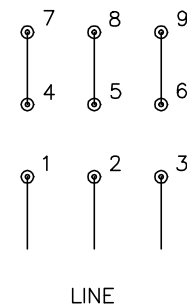
Parts List

Part number	Description	Quantity
SA211816	SA P36G51	1.000 ea
RA199045	RA P36G51	1.000 ea
000692000VD	LABEL WARNING	1.000 ea
NP2349L	SUPER-E ,SS, CURUS EEV, CC, LASER	1.000 ea
004824015A	GREASE POLYREX EM	1.000 lb
032018010CK	HHCS 3/8-16X1-1/4 PLTD. 032018010CR	4.000 ea
421948032	LABEL, MYLAR	1.000 ea
032018024CK	HHCS 3/8-16X3 PLTD.	3.000 ea
032018024CK	HHCS 3/8-16X3 PLTD.	3.000 ea
032018028DK	HHCS 1/2-13X3-1/2 PLTD.	4.000 ea
032018028DK	HHCS 1/2-13X3-1/2 PLTD.	4.000 ea
032376004JB	RHMS 10-32X1/2PLTD-360	3.000 ea
032376004JB	RHMS 10-32X1/2PLTD-360	3.000 ea
033512006LB	HHTTS 1/4-20X3/4 PLTD.	4.000 ea
033775004EA	DRSCR #6-1/4 304 S.S.	2.000 ea
034001009AB	WSHR #10 PLATED-360	3.000 ea
034001009AB	WSHR #10 PLATED-360	3.000 ea
034017009AB	LCKW NO.10 PLATED-360	3.000 ea
034017009AB	LCKW NO.10 PLATED-360	3.000 ea
034180034HA	KEY 5/8X5/8X4-1/4 L	1.000 ea
035000001A	ALFTG 1/8" 1610-BL	1.000 ea
035000001A	ALFTG 1/8" 1610-BL	1.000 ea
034690002AB	PPLG 1/4" PLTD.	1.000 ea
034690002AB	PPLG 1/4" PLTD.	1.000 ea
048897010DG	PLUG,ODE BRKT - 360	1.000 ea
065776000C	GASKET,MAIN CBOX, 320-400	1.000 ea
067053000B	GASK 320-400	1.000 ea
076708000BB	CONDUIT BOX-360	1.000 ea
076709000A	C/B Cover - 360	1.000 ea
078556001A	BAFFL 360 SUB PAINT	1.000 ea
078556001A	BAFFL 360 SUB PAINT	1.000 ea

085920052A	BRKT 360 085920051WCC KB	1.000 ea
085920052A	BRKT 360 085920051WCC KB	1.000 ea
410700004F	WSHR	1.000 ea
415000115H	T/LUG #2AWG-4/0AWG	1.000 ea
14PA1000	PACKAGING 314 GROUP COMBINED PRINT	1.000 ea
MG1025Y17	WILKOFAS, 789.701, SUPER E PEARL GOLD	1.000 ga
032018005DL	1/2-13 X 5/8 SILICON BRONZE HHCS	1.000 ea



CD0180


 LOW VOLTAGE
(2D)

 HIGH VOLTAGE
(1D)

NOTES:

1. INTERCHANGE ANY TWO LINE LEADS TO REVERSE ROTATION.
2. OPTIONAL THERMOSTATS ARE PROVIDED WHEN SPECIFIED.
3. ACTUAL NUMBER OF INTERNAL PARALLEL CIRCUITS MAY BE A MULTIPLE OF THOSE SHOWN ABOVE.
4. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

CD0180

REV. DESC: ADD CLASS CONN00000007

REV. LTR: D

VERSION: 01

TDR: 000001099922

FILE: \AAA\00005\148

REVISED: 10: 25: 29 02/19/2019

BY: ENBRIRO

MTL: -


BALDOR - RELIANCE®

3PH, DV, 9 LEADS, DELTA CONNECTION

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