



Customer information packet

EM2551T-8

75HP, 1780RPM, 3PH, 60HZ, 365T, A36056M, DP, F1

Class - None

Division - Not Applicable

Specifications

Enclosure	DP
Frame	365T
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	75.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage @ Frequency	200.0 V @ 60 HZ
Agency Approvals	CCSAUSEEV
Ambient Temperature	40 °C
Auxillary Box	No Auxillary Box
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Current @ Voltage	198.950 A @ 200.0 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	199.0 a
Insulation Class	F
Inverter Code	Inverter Ready
KVA Code	G
Lifting Lugs	No Lifting Lugs
Motor Lead Quantity/Wire Size	6 @ 2 AWG
Motor Standards	Other
Motor Type	A36056M
Mounting Arrangement	F1

Part detail

Revision	K
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A36WG1039
Layout	617428-130
Eff. date	02-07-2023
CD Diagram	416820-015
Poles	04
Leads	6#2
Proprietary	False
Created date	09-23-2011

Number of Poles	4
Overall Length	29.70 IN
Power Factor	86
Product Family	Other
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	Shaft Slinger
Speed	1780 rpm
Speed Code	Single Speed
Starting Method	Part Winding
Thermal Device - Bearing	None
Thermal Device - Winding	None

Nameplate

NP2377L

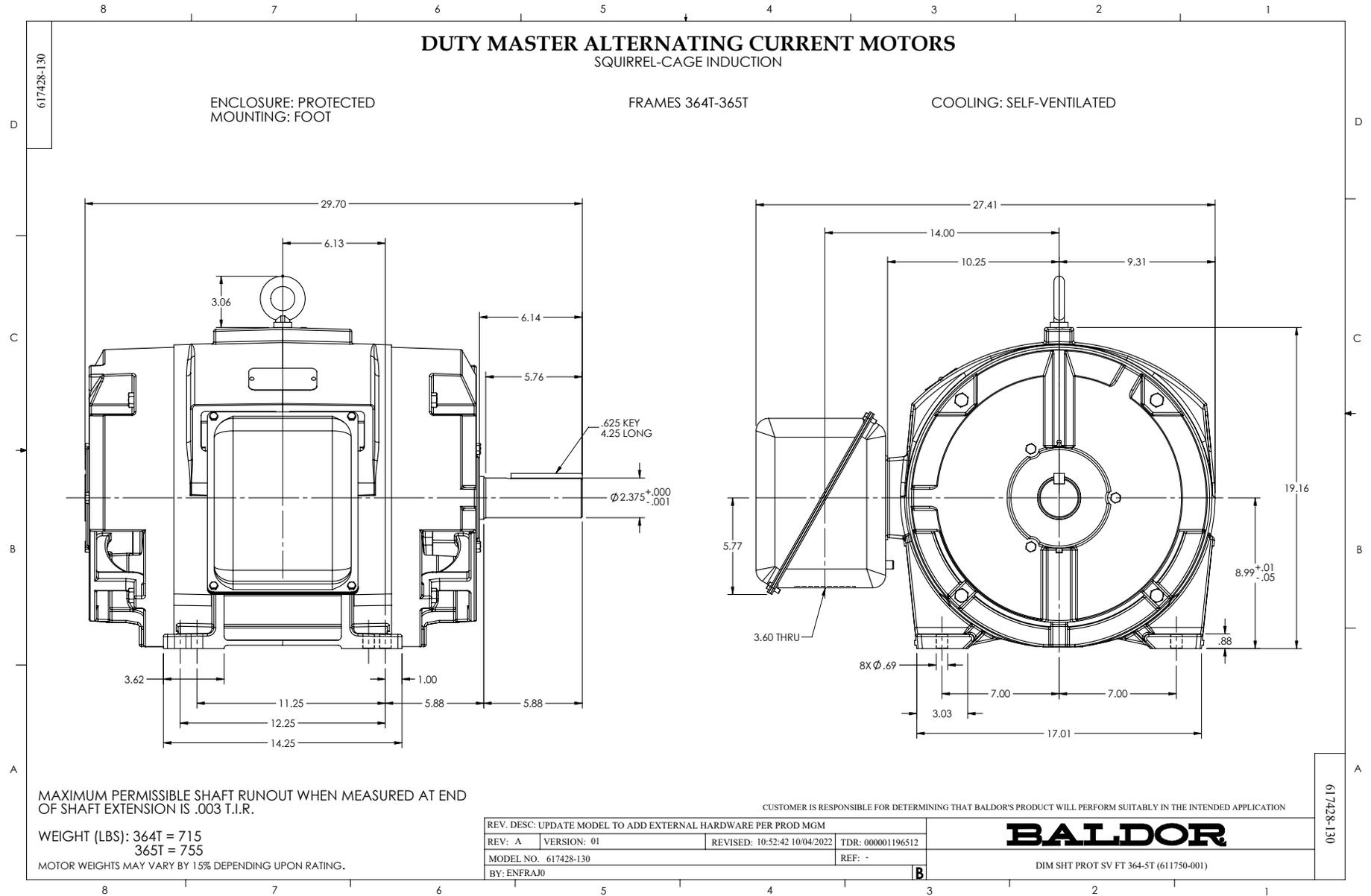
CAT.NO.	EM2551T-8	SPEC NO.	P36G3422						
HP	75	AMPS	199	VOLTS	200	DESIGN	B		
FRAME	365T	RPM	1780	HZ	60	AMB	40	SF	1.15
DRIVE END BEARING	65BC03J30X	PHASE	3	DUTY	CONT	INSUL.CLASS	B		
OPP D.E. BEARING	65BC03J30X	TYPE	P	ENCL	DP	CODE	G		
SER.NO.		POWER FACTOR	86	NEMA-NOM-EFFICIENCY	95				
		MAX CORR KVAR	15	GUARANTEED EFFICIENCY	94.5				
		NEMA NOM/CSA QUOTED EFF							
		MOTOR WEIGHT							

NP2496L



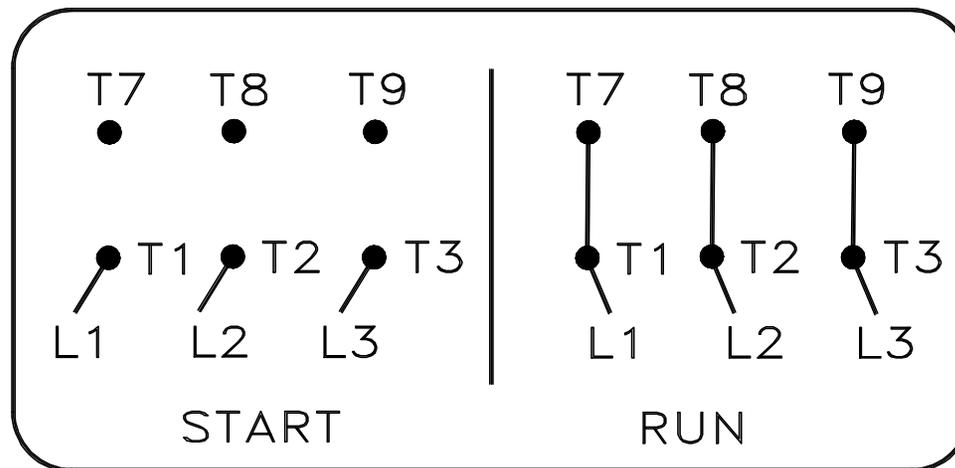
Accessories

Part number	Description	Multiplier
14-1401	C FACE KIT	
14EP1601A01SP	D-FLANGE KIT	



416820-015

A-C MOTOR CONNECTION DIAGRAM PART WINDING START



(N.P. 1767-1-A)

REV. DESC: -ADDED JUMPERS TO "RUN" CONNECTIONS		
REV. LTR: A	VERSION: 01	TDR: 00000558689
FILE: \MGA\00000\668	REVISED: 09:44:55 09/20/2010	
MTL: -	BY: MGH TLC	

BALDOR

CONN DIAG - PART WINDING START
SH 1 of 1

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