



Customer information packet

EM2544T-CI

50HP, 1185RPM, 3PH, 60HZ, 365T, 1466M, OPEN, 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	50.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1200 RPM @ 60 HZ
Voltage @ Frequency	230.0 V @ 60 HZ 460.0 V @ 60 HZ
Agency Approvals	CCSA US CCSAUSEEV CSA EEV
Ambient Temperature	40 °C
Auxillary Box	No Auxillary Box
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Current @ Voltage	120.000 A @ 230.0 V 60.300 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	60.3 a
Insulation Class	F
Inverter Code	Inverter Ready
KVA Code	G
Lifting Lugs	Standard Lifting Lugs

Part detail

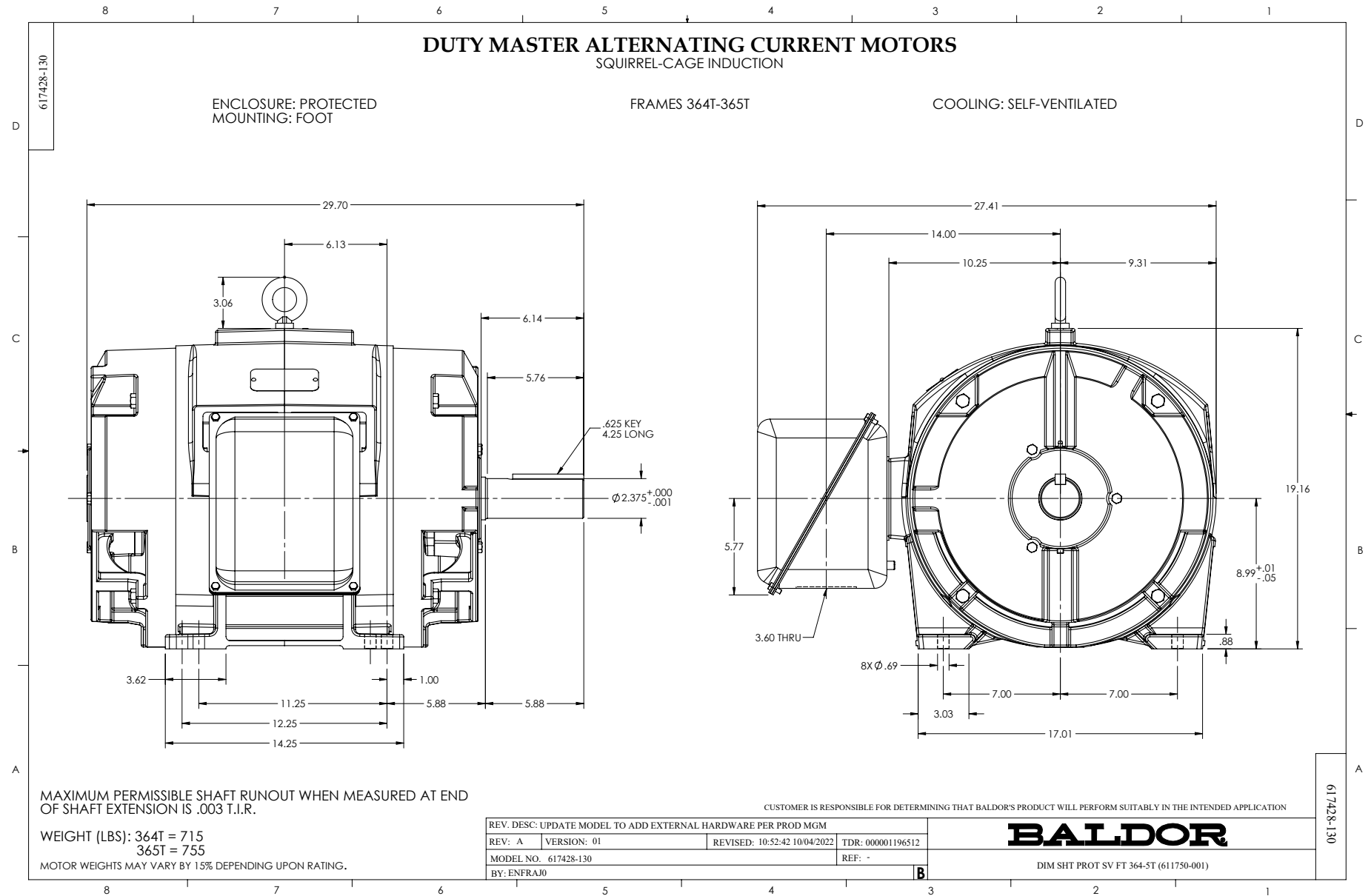
Revision	Q
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A36WG0753
Layout	617428-130
Eff. date	09-04-2024
CD Diagram	416820-002
Poles	06
Leads	3#6,6#8
Proprietary	False
Created date	10-19-2010

Motor Lead Quantity/Wire Size	3 @ 6 AWG
Motor Standards	NEMA
Motor Type	A36052M
Mounting Arrangement	F1
Number of Poles	6
Overall Length	29.70 IN
Power Factor	83
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	1185 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	None

Nameplate

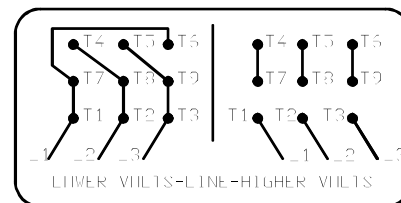
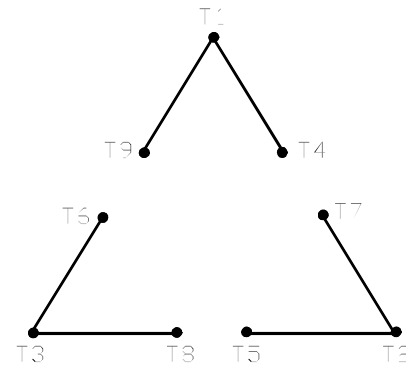
NP2349L

SPEC NO.	P36G3403		CAT.NO.		EM2544T-CI				FRAME	365T	
HP	50	VOLTS	230/460		PHASE	3	DESIGN	B	TYPE	P	
RPM	1185	AMPS	120/60.3		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			83	NEMA-NOM-EFFICIENCY			94.1	
						MAX CORR KVAR		15.0	GUARANTEED EFFICIENCY		93.6
						NEMA NOM/CSA QUOTED EFF					
						MOTOR WEIGHT					



416820-002

A-C METER
CONNECTION DIAGRAM
STANFORD 5 LEAF DELTA-CONNECTED



(N. P. 1575-B)

REV. DESC: FONT CHANGE FOR PDF SEARCHABLE		
REV. LTR: A	VERSION: 01	TDR: 000001009382
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BALDOR - RELIANCE®

CONN DIAG – STANDARD 9 LEAD, DELTA-CONNECTED

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