



Customer information packet

EM251352T-4

350HP, 3560RPM, 3PH, 60HZ, 447TSS, A44084M, DP

Class - None

Division - Not Applicable

Specifications

Enclosure	DP
Frame	447TSSTS
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	350.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	3600 RPM @ 60 HZ
Voltage @ Frequency	460.0 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	381.000 A @ 460.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	95.4 %
Feedback Device	NO FEEDBACK
Heater Indicator	No Heater
High Voltage Full Load Amps	381.0 a
Insulation Class	F
Inverter Code	Inverter Ready
IP Rating	NONE
KVA Code	F
Lifting Lugs	Standard Lifting Lugs
Motor Lead Quantity/Wire Size	12 @ 2 AWG
Motor Standards	NEMA
Motor Type	A44084M

Part detail

Revision	H
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A44WG2772
Layout	604989-483
Eff. date	09-19-2024
CD Diagram	416820-008
Poles	02
Leads	6#2 (02 per group)
Proprietary	False
Created date	02-12-2015

Mounting Arrangement	F1
Number of Poles	2
Overall Length	39.37 IN
Power Factor	90
Product Family	General Industrial
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	No Slinger
Speed	3560 rpm
Speed Code	Single Speed
Starting Method	Wye Start - Delta Run
Thermal Device - Bearing	None

Nameplate

NP2496L	
MOBIL POLYREX EM	

NP2349L

SPEC NO.	A44-6795-2772			CAT.NO.	EM251352T-4				FRAME	447TSS/TS			
HP	350	VOLTS	460		PHASE	3	DESIGN	B	TYPE	P			
RPM	3560	AMPS	381		HZ	60	AMB	40	SF	1.15			
DRIVE END BEARING	65BC03J30X		DUTY	CONT	INSUL.CLASS			F					
OPP D.E. BEARING	65BC03J30X		ENCL	DP	CODE	F							
SER.NO.				POWER FACTOR		90		NEMA-NOM-EFFICIENCY			95.4		
						MAX CORR KVAR		45	GUARANTEED EFFICIENCY			94.5	
						NEMA NOM/CSA QUOTED EFF							
											MOTOR WEIGHT		

DUTY MASTER ALTERNATING CURRENT MOTORS

604989-483

ENCLOSURE: TOTALLY ENCLOSED

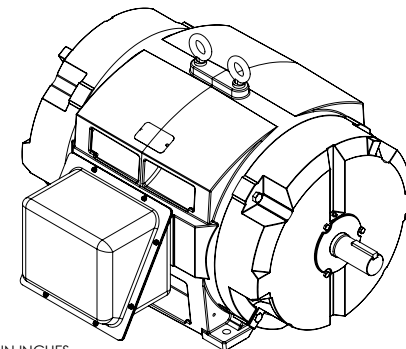
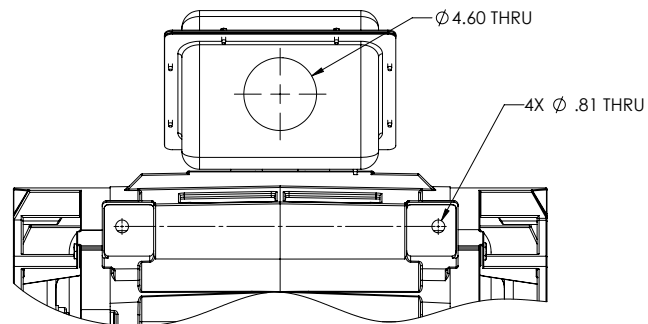
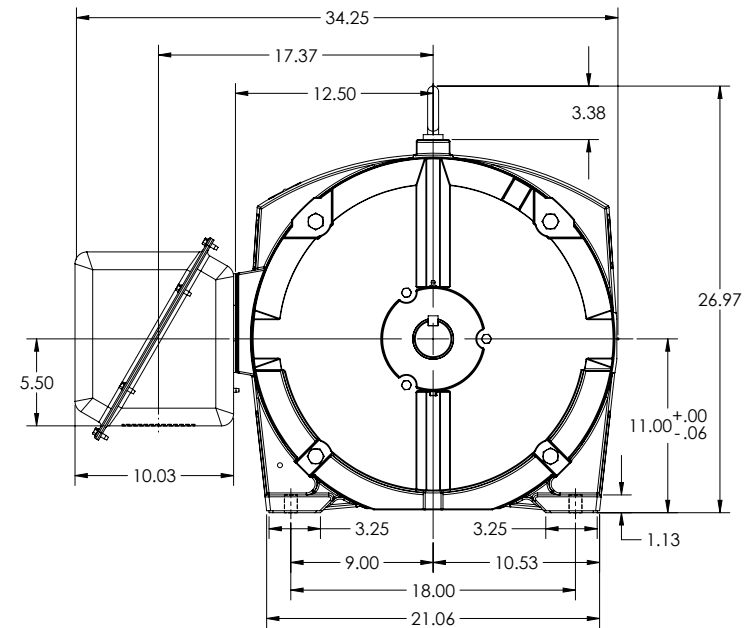
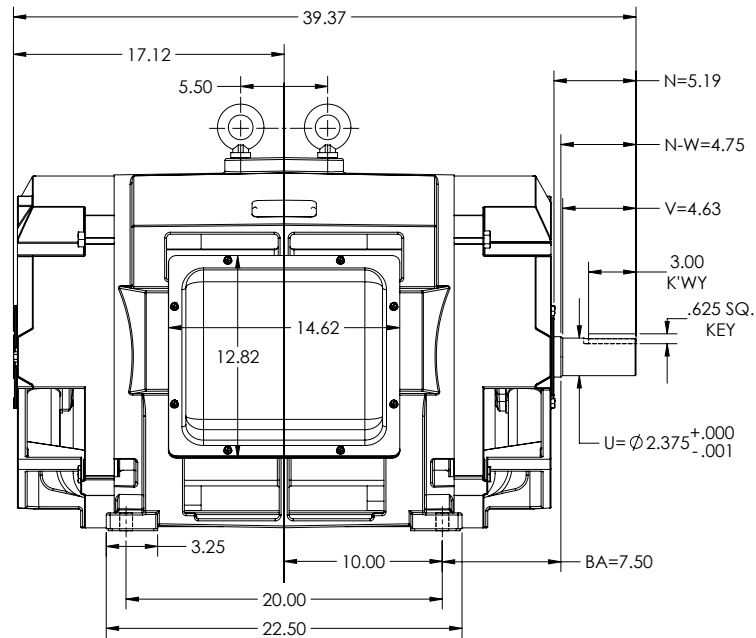
SQUIRREL-CAGE INDUCTION

COOLING: OPEN DRIP-PROOF

MOUNTING: FOOT, F-1

FRAME E447TS

STEEL CONDUIT BOX

SHEET NUMBER
1 OF 1

EST-686F09

CONDUIT BOX LOCATED ON OPPOSITE SIDE WHEN F-2.
IF MOUNTING CLEARANCE DETAILS ARE REQUIRED, CONSULT FACTORY.
MAXIMUM PERMISSIBLE SHAFT RUNOUT WHEN MEASURED AT END OF
STANDARD SHAFT EXTENSION IS .003" T.I.R.

DIMENSIONS ARE IN INCHES

CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT MOTOR PERFORMANCE IS SUITABLE IN THE APPLICATION.

REV. DESC: UPDATE MODEL TO ADD EXTERNAL HARDWARE PER PROD MGM

REV: B VERSION: 02

REVISED: 07-26-15 07/14/2022

TDR: 000001193529

MODEL NO. 604989-483

BY: USBUFA

BALDOR

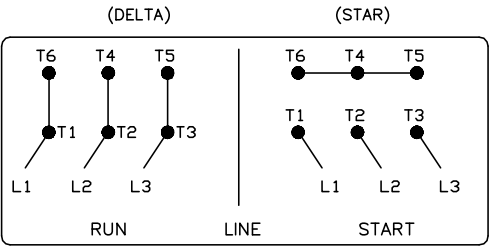
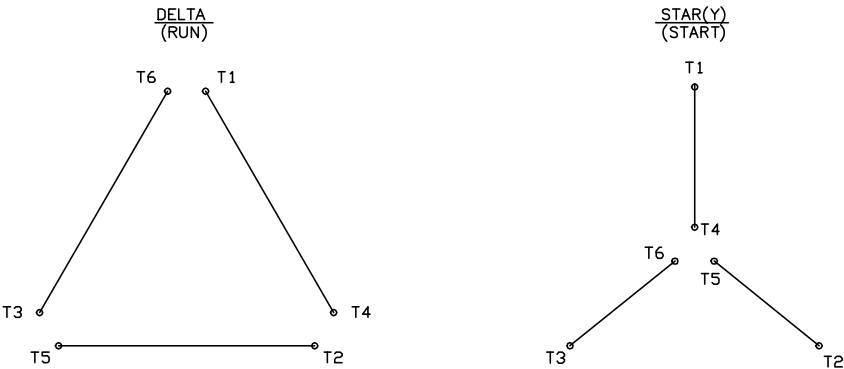
E447TS ODP FOOT - F1 - STEEL CONDUIT BOX

604989-483

416820-008

A-C MOTOR
CONNECTION DIAGRAM

STANDARD 6 LEAD Y START – DELTA RUN



< N. P. 1767-DC >

REV. DESC: ADDED T4 TO Y CONNECT DIAGRAM		
REV. LTR: D	VERSION: 04	TDR: 000000847713
FILE: \RAG\00001\808	REVISED: 10: 41: 26 04/08/2014	BY: RAGJSS1
MTL: —	© □	

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CONNECT DIAGRAM STD 6 LEAD Y START DELTA RUN

SH 1 of 1

416820-008