

BALDOR • RELIANCE

Customer information packet

EM2571T-4

350HP, 3570RPM, 3PH, 60HZ, 449TS, DP, F1

Class - None

Division - Not Applicable

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6/9/2025 4:28:25 AM

Specifications

Enclosure	DP
Frame	449TS
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	380.000 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	380.0 a
Insulation Class	F
Inverter Code	Inverter Ready
IP Rating	NONE
KVA Code	F
Motor Lead Quantity/Wire Size	12 @ 2 AWG
Motor Standards	NEMA
Motor Type	A44112M
Mounting Arrangement	F1

Part detail

Revision	B
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A44WG4252
Layout	604989-595
Eff. date	07-18-2022
CD Diagram	416820-008
Poles	02
Leads	6#2 (02 per group)
Proprietary	False
Created date	05-06-2015

Number of Poles	2
Overall Length	44.31 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	3570 rpm
Speed Code	Single Speed
Starting Method	Wye Start - Delta Run
Thermal Device - Bearing	None
Thermal Device - Winding	None

Nameplate

NP2496L	
MOBIL POLYREX EM	

NP2349L

SPEC NO.	A44-7216-4252	CAT.NO.	EM2571T-4	FRAME	449TS
HP	350	VOLTS	460	PHASE	3
RPM	3570	AMPS	380	DESIGN	B
DRIVE END BEARING	65BC03J30X	DUTY	CONT	TYPE	P
OPP D.E. BEARING	65BC03J30X	INSUL.CLASS	F	HZ	60
SER.NO.		AMB	40	SF	1.15
		ENCL	DP	CODE	F
		POWER FACTOR	90	NEMA-NOM-EFFICIENCY	95.4
				MAX CORR KVAR	59.9
				GUARANTEED EFFICIENCY	94.5
				NEMA NOM/CSA QUOTED EFF	
				MOTOR WEIGHT	

604989-595

ENCLOSURE: OPEN DRIP-PROOF

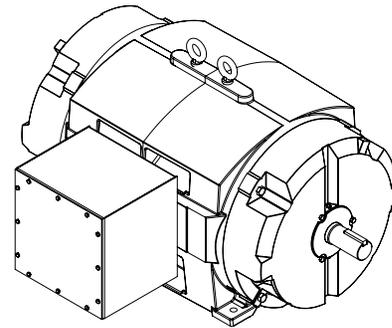
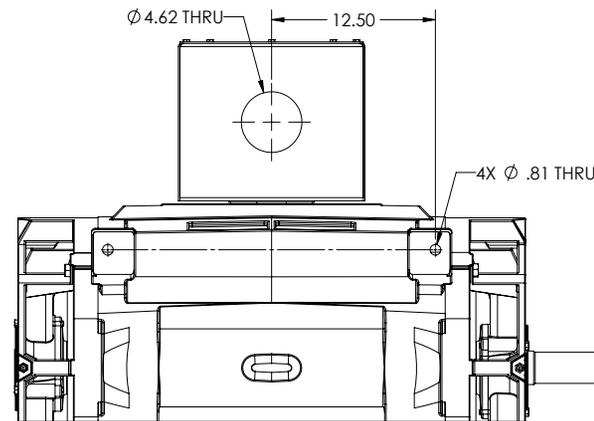
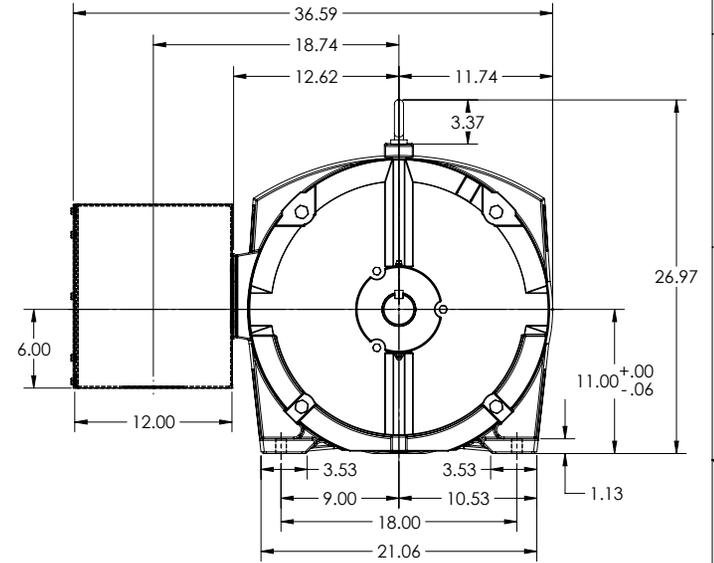
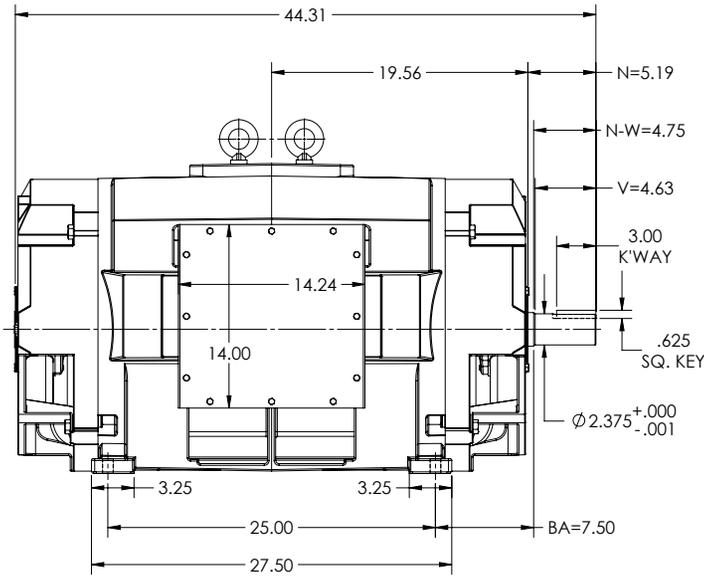
MOUNTING: FOOT, F-1

DUTY MASTER ALTERNATING CURRENT MOTORS
SQUIRREL-CAGE INDUCTION

E449TS FRAME MOUNTING

COOLING: NON-VENTILATED

14X14X12 STEEL C/BOX



DIMENSIONS ARE IN INCHES.
WEIGHT (LBS) 2100, MAY VARY 15% DEPENDING ON RATING.
CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT MOTOR PERFORMANCE IS SUITABLE IN THE APPLICATION.

SHEET NUMBER
1 OF 1

IF MOUNTING CLEARANCE DETAILS ARE REQUIRED, CONSULT FACTORY.

565-686F09

MAX PERMISSIBLE SHAFT RUNOUT WHEN MEASURED AT END OF STANDARD SHAFT EXTENSION IS .003 T.I.R.

REV. DESC: UPDATE MODEL TO ADD EXTERNAL HARDWARE PER PROD MGM			
REV: A	VERSION: 01	REVISED: 06-25-35 07/14/2022	TDR: 000001193529
MODEL NO. 604989-595			
BY: USBUFR4			

BALDOR

E449TS TEAO/ODP F1 FOOT FABRICATED 14X14X12 STEEL BOX

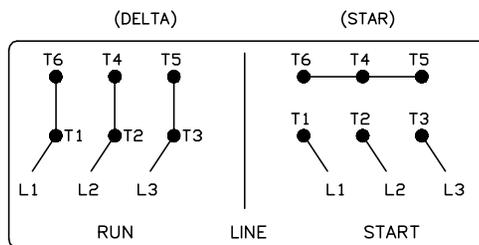
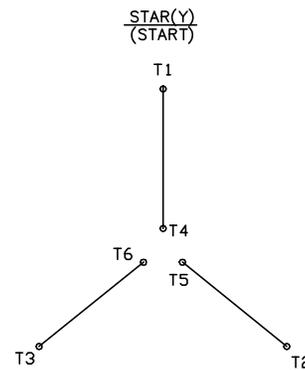
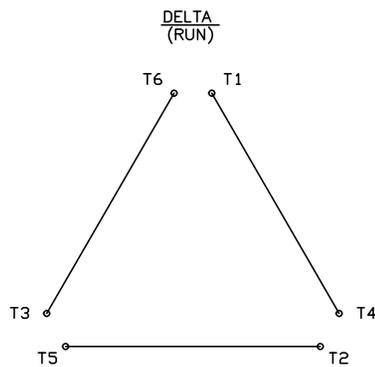
565-686F09

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: 00000847713

FILE: \RAG\00001\808

REVISED: 10: 41: 26 04/08/2014

BY: RAGJSS1

MTL: -



BALDOR

CONNECT DIAGRAM STD 6 LEAD Y START DELTA RUN

SH 1 of 1

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