



Customer information packet

EM2571T-4

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

Class - None

Division - Not Applicable

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
Auxiliary 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

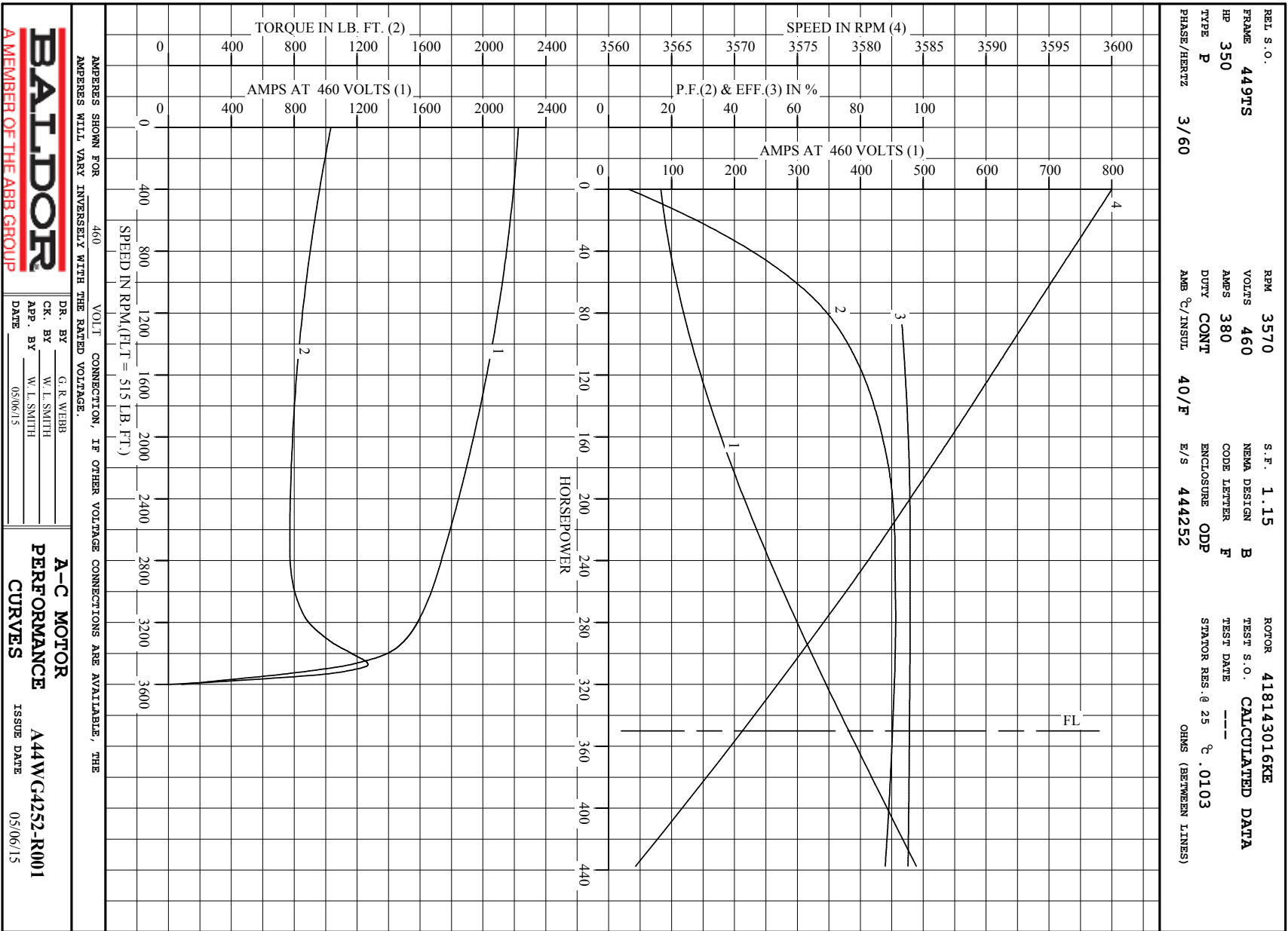
Number of Poles	2
Overall Length	44.31 IN
Power Factor	90
Product Family	General Industrial
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Service Factor	1.15
Shaft Diameter	2.375 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	3570 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	DESIGN	B	TYPE	P	
RPM	3570	AMPS	380		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		59.9	GUARANTEED EFFICIENCY		94.5
						NEMA NOM/CSA QUOTED EFF					
						MOTOR WEIGHT					



DUTY MASTER ALTERNATING CURRENT MOTORS

SQUIRREL-CAGE INDUCTION

604989-595

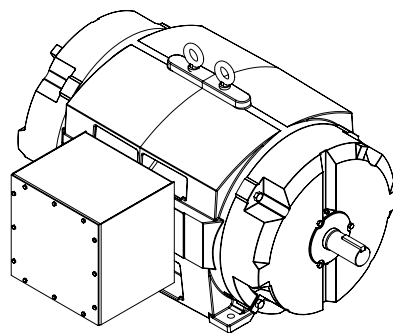
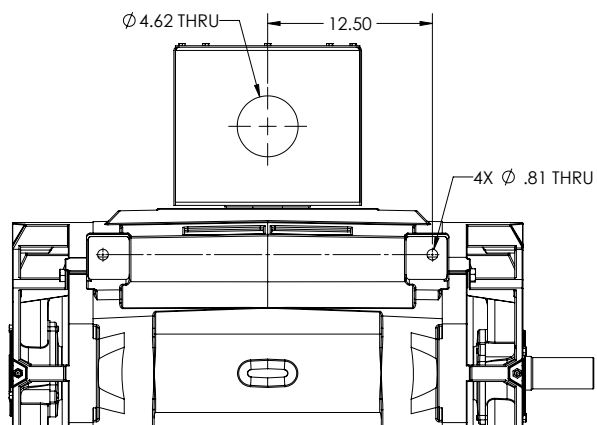
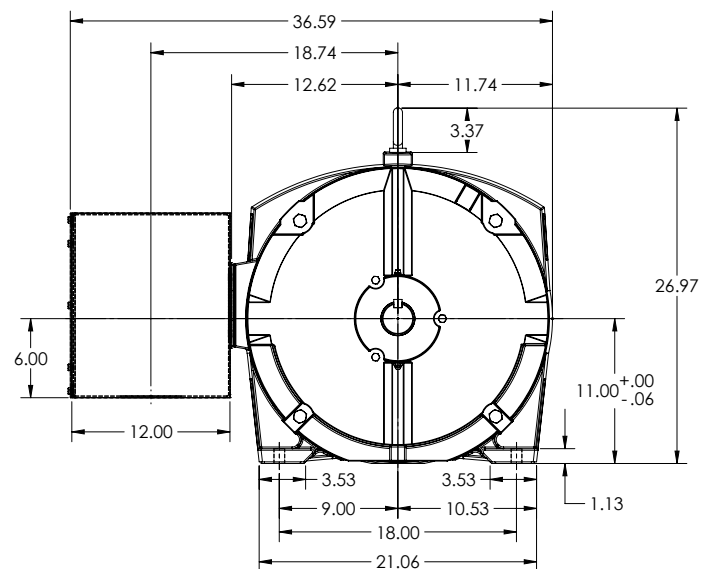
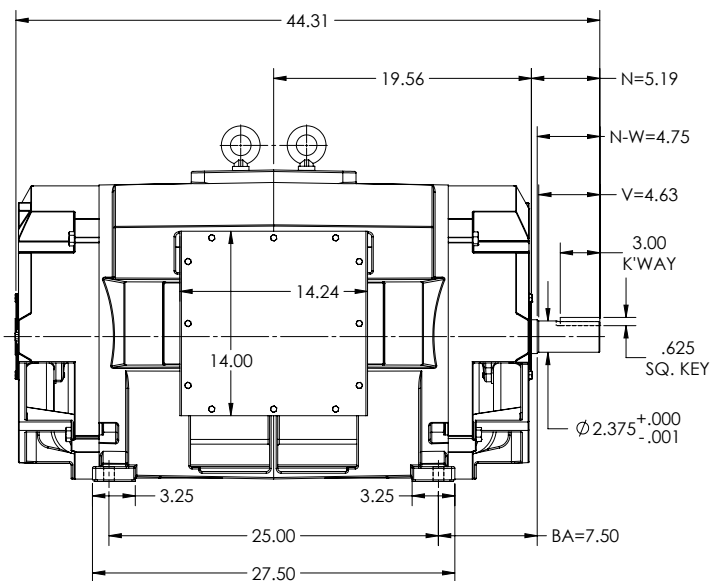
ENCLOSURE: OPEN DRIP-PROOF

MOUNTING: FOOT, F-1

E449TS FRAME MOUNTING

14X14X12 STEEL C/BOX

COOLING: NON-VENTILATED



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.

604989-595

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:
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MODEL NO. 604989-595

BY: USBUFRA

REVISÉ: 06:55:35 07/14/2023

2	TDR: 000001193529
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BALDOR

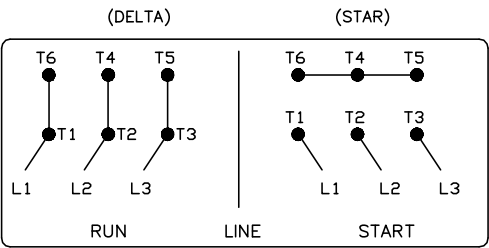
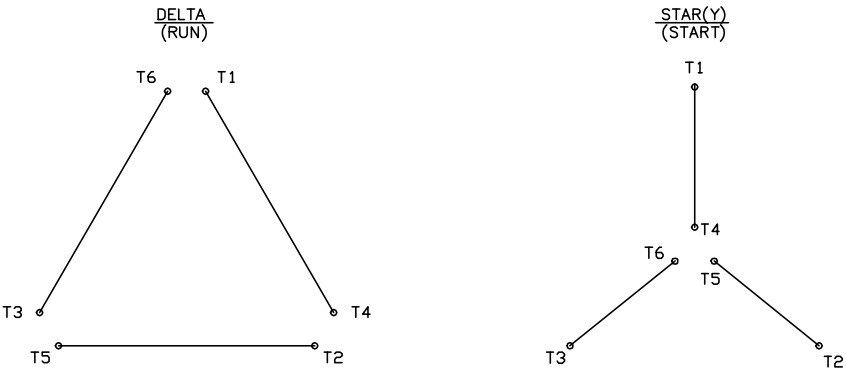
E449TS TEAO/ODP F1 FOOT/FABRICATED 14X14X12 STEEL BOX

[illegible]

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: —		

BALDOR

CONNECT DIAGRAM STD 6 LEAD Y START DELTA RUN
SH 1 of 1

416820-008