



Customer information packet

EM44256T-4

250HP, 1189RPM, 3PH, 60HZ, 449T, TEFC, F1

Class - None

Division - Not Applicable

Specifications

Enclosure	TEFC
Frame	449T
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	250.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1200 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	285.000 A @ 460.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	95.8 %
Feedback Device	NO FEEDBACK
Heater Indicator	No Heater
High Voltage Full Load Amps	285.0 a
Insulation Class	F
Inverter Code	Inverter Ready
IP Rating	NONE
KVA Code	G
Motor Lead Quantity/Wire Size	6 @ 1/0 AWG
Motor Standards	NEMA
Motor Type	A44160M
Mounting Arrangement	F1

Part detail

Revision	G
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A44WG4238
Layout	617427-209
Eff. date	10-24-2022
CD Diagram	416820-008
Poles	06
Leads	6#1/0
Proprietary	False
Created date	04-09-2015

Number of Poles	6
Overall Length	53.21 IN
Power Factor	86
Product Family	General Industrial
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Service Factor	1.15
Shaft Diameter	3.375 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	1189 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

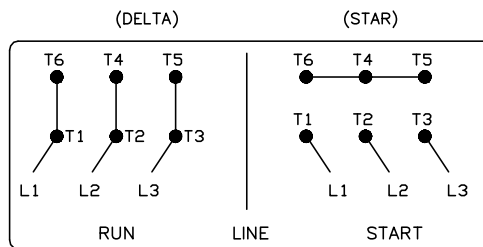
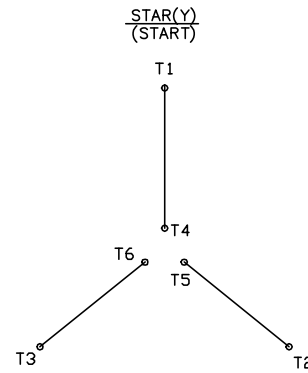
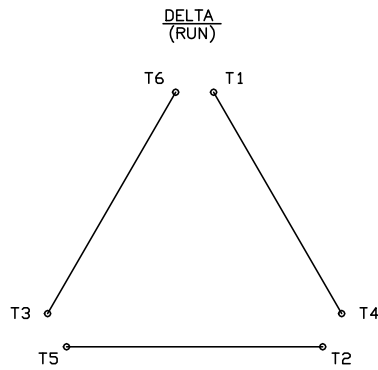
SPEC NO.	A44-7107-4238	CAT.NO.	EM44256T-4	FRAME	449T
HP	250	VOLTS	460	PHASE	3
				DESIGN	B
				TYPE	P
RPM	1189	AMPS	285	HZ	60
				AMB	40
				SF	1.15
DRIVE END BEARING	90BC03J30X	DUTY	CONT	INSUL.CLASS	F
OPP D.E. BEARING	90BC03J30X	ENCL	TEFC	CODE	G
SER.NO.		POWER FACTOR	86	NEMA-NOM-EFFICIENCY	95.8
				MAX CORR KVAR	68.2
				GUARANTEED EFFICIENCY	95
				NEMA NOM/CSA QUOTED EFF	
				MOTOR WEIGHT	

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: -	© □	

CONNECT DIAGRAM STD 6 LEAD Y START DELTA RUN

SH 1 of 1

416820-008