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# Customer information packet

## EM4408TS-4

250HP, 1785RPM, 3PH, 60HZ, 449TS, TEFC, F1

Class - None

Division - Not Applicable

## Specifications

Enclosure	TEFC
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	250.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1800 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	276.000 A @ 460.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	96.2 %
Feedback Device	NO FEEDBACK
Heater Indicator	No Heater
High Voltage Full Load Amps	276.0 a
Insulation Class	F
Inverter Code	Inverter Ready
IP Rating	NONE
KVA Code	G
Motor Lead Quantity/Wire Size	6 @ 2/0 AWG
Motor Standards	NEMA
Motor Type	A44144M
Mounting Arrangement	F1

## Part detail

Revision	D
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A44WG4245
Layout	617427-460
Eff. date	11-06-2020
CD Diagram	416820-008
Poles	04
Leads	6#2/0
Proprietary	False
Created date	04-13-2015

<b>Number of Poles</b>	4
<b>Overall Length</b>	49.46 IN
<b>Power Factor</b>	88
<b>Product Family</b>	General Industrial
<b>Pulley End Bearing Type</b>	Ball
<b>Pulley Face Code</b>	Standard
<b>Service Factor</b>	1.15
<b>Shaft Diameter</b>	2.375 IN
<b>Shaft Ground Indicator</b>	No Shaft Grounding
<b>Shaft Rotation</b>	Reversible
<b>Shaft Slinger Indicator</b>	No Slinger
<b>Speed</b>	1785 rpm
<b>Speed Code</b>	Single Speed
<b>Starting Method</b>	Wye Start - Delta Run
<b>Thermal Device - Bearing</b>	None
<b>Thermal Device - Winding</b>	None

**Nameplate**

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NP2496L	
MOBIL POLYREX EM	

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**NP2349L**

<b>SPEC NO.</b>	A44-7127-4245	<b>CAT.NO.</b>	EM4408TS-4	<b>FRAME</b>	449TS
<b>HP</b>	250	<b>VOLTS</b>	460	<b>PHASE</b>	3
<b>RPM</b>	1785	<b>AMPS</b>	276	<b>DESIGN</b>	B
<b>DRIVE END BEARING</b>	90BC03J30X	<b>DUTY</b>	CONT	<b>TYPE</b>	P
<b>OPP D.E. BEARING</b>	90BC03J30X	<b>ENCL</b>	TEFC	<b>AMB</b>	40
<b>SER.NO.</b>		<b>INSUL.CLASS</b>	F	<b>SF</b>	1.15
		<b>CODE</b>	G	<b>POWER FACTOR</b>	88
				<b>NEMA-NOM-EFFICIENCY</b>	96.2
				<b>MAX CORR KVAR</b>	52.4
				<b>GUARANTEED EFFICIENCY</b>	95.4
				<b>NEMA NOM/CSA QUOTED EFF</b>	
				<b>MOTOR WEIGHT</b>	







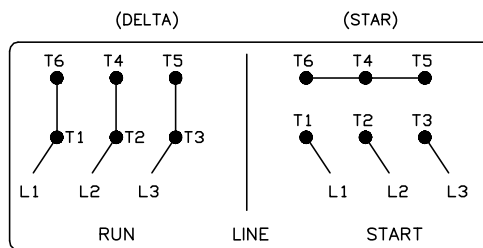
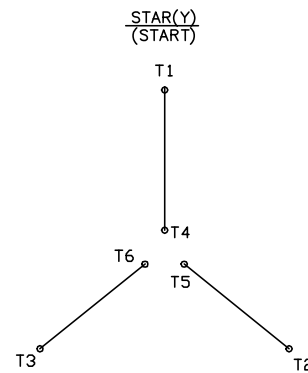
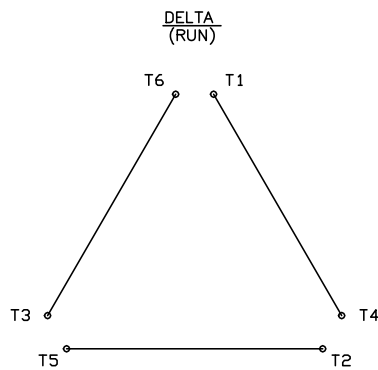


416820-008

# 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

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