



Customer information packet

EM2563T-4

200HP, 1780RPM, 3PH, 60HZ, 445T, 1880M, OPEN

Class - None

Division - Not Applicable

Specifications

Enclosure	DP
Frame	445T
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	200.000 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	222.000 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	222.0 a
Insulation Class	F
Inverter Code	Inverter Ready
KVA Code	F
Lifting Lugs	No Lifting Lugs
Motor Lead Quantity/Wire Size	6 @ 1 AWG
Motor Standards	NEMA
Motor Type	A44072M
Mounting Arrangement	F1

Part detail

Revision	H
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A44WG1483
Layout	616508-006
Eff. date	03-15-2024
CD Diagram	416820-008
Poles	04
Leads	6#1
Proprietary	False
Created date	10-19-2010

Number of Poles	4
Overall Length	39.56 IN
Power Factor	88
Pulley End Bearing Type	Ball
Pulley Face Code	C-Face
Service Factor	1.15
Shaft Diameter	3.375 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	1785 rpm
Speed Code	Single Speed
Starting Method	Wye Start - Delta Run
Thermal Device - Bearing	None
Thermal Device - Winding	None

Nameplate

NP2377L

CAT.NO.	EM2563T-4				SPEC NO.	P44G1774			
HP	200	AMPS	222		VOLTS	460		DESIGN	B
FRAME	445T	RPM	1785	HZ	60	AMB	40	SF	1.15
DRIVE END BEARING	90BC03J30X		PHASE	3	DUTY	CONT	INSUL.CLASS		F
OPP D.E. BEARING	90BC03J30X		TYPE	P	ENCL	DP	CODE	F	
SER.NO.					POWER FACTOR	88		NEMA-NOM-EFFICIENCY	95.8
						MAX CORR KVAR	35.0	GUARANTEED EFFICIENCY	95.4
						NEMA NOM/CSA QUOTED EFF			
						MOTOR WEIGHT			

616508-006

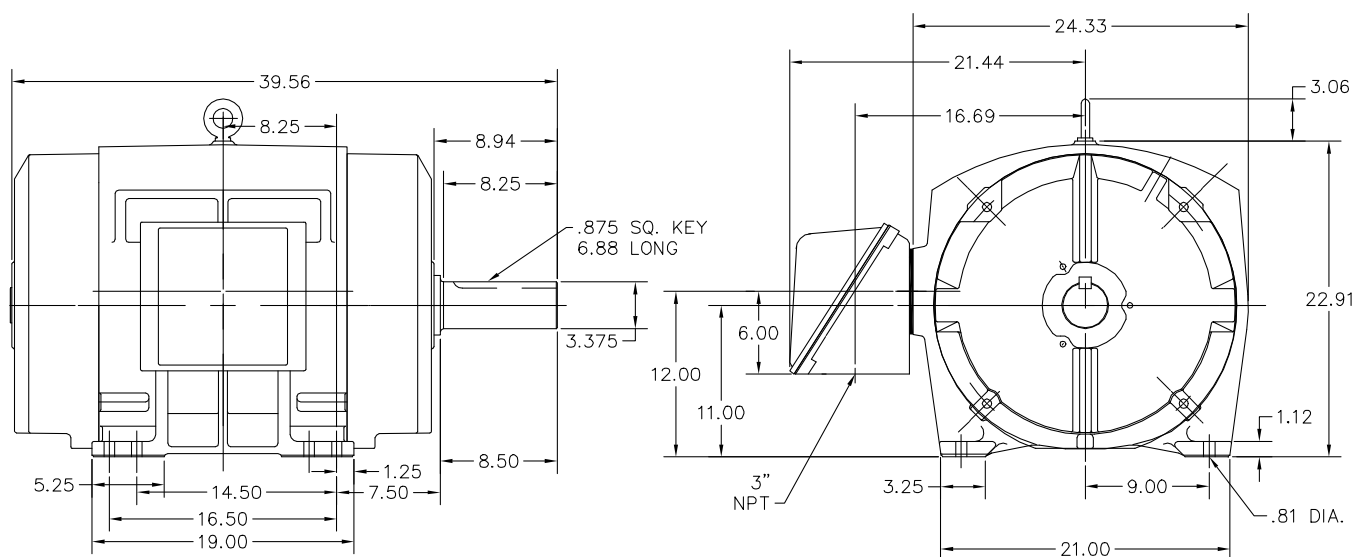
DUTY MASTER ALTERNATING CURRENT MOTORS

SQUIRREL-CAGE INDUCTION

ENCLOSURE: PROTECTED
MOUNTING: FOOT

COOLING: SELF-VENTILATED

FRAMES 444T THRU 445T



NOTES:
SCALE DWG. FOR COMPLETE DIMENSIONS
SEE DS 611750-501

FRAME--	TYPE--	CERTIFIED FOR--
ORDER--	ITEM--	HP--
SALES ORDER--	APPROVED BY--	DATE--
CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.		
REV. DESC: LOADED TO BUS		
REV. LTR: A	VERSION: 01	TDR: 000000557201
FILE: \RAG\00010\520	REVISED: 11:22:31 09/08/2010	BY: RAGRA
MTL: --		

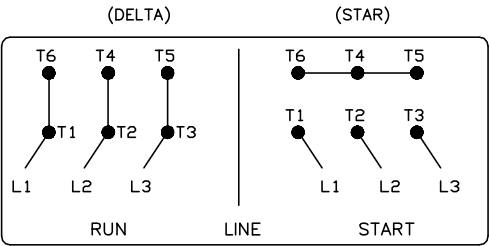
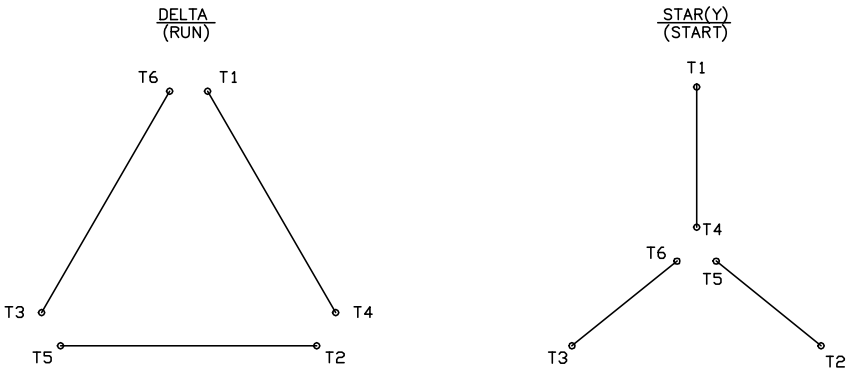
BALDOR
DIM SHT 444T-445T ODP FT
SH 1 of 1

900-805919

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

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