

BALDOR® • RELIANCE®

Customer information packet

EM2568T-4

300HP/3550RPM/3PH/OPEN/NEMA 445TS

Class - None

Division - Not Applicable

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Specifications

Enclosure	DP
Frame	445TS
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	300.000 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	339.000 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	339.0 a
Insulation Class	F
Inverter Code	Inverter Ready
IP Rating	NONE
KVA Code	F
Lifting Lugs	Standard Lifting Lugs
Motor Lead Quantity/Wire Size	12 @ 4 AWG
Motor Standards	NEMA
Motor Type	A44068M

Part detail

Revision	C
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A44WG2770
Layout	617428-044
Eff. date	07-18-2022
CD Diagram	416820-008
Poles	02
Leads	6#4 (02 per group)
Proprietary	False
Created date	04-24-2015

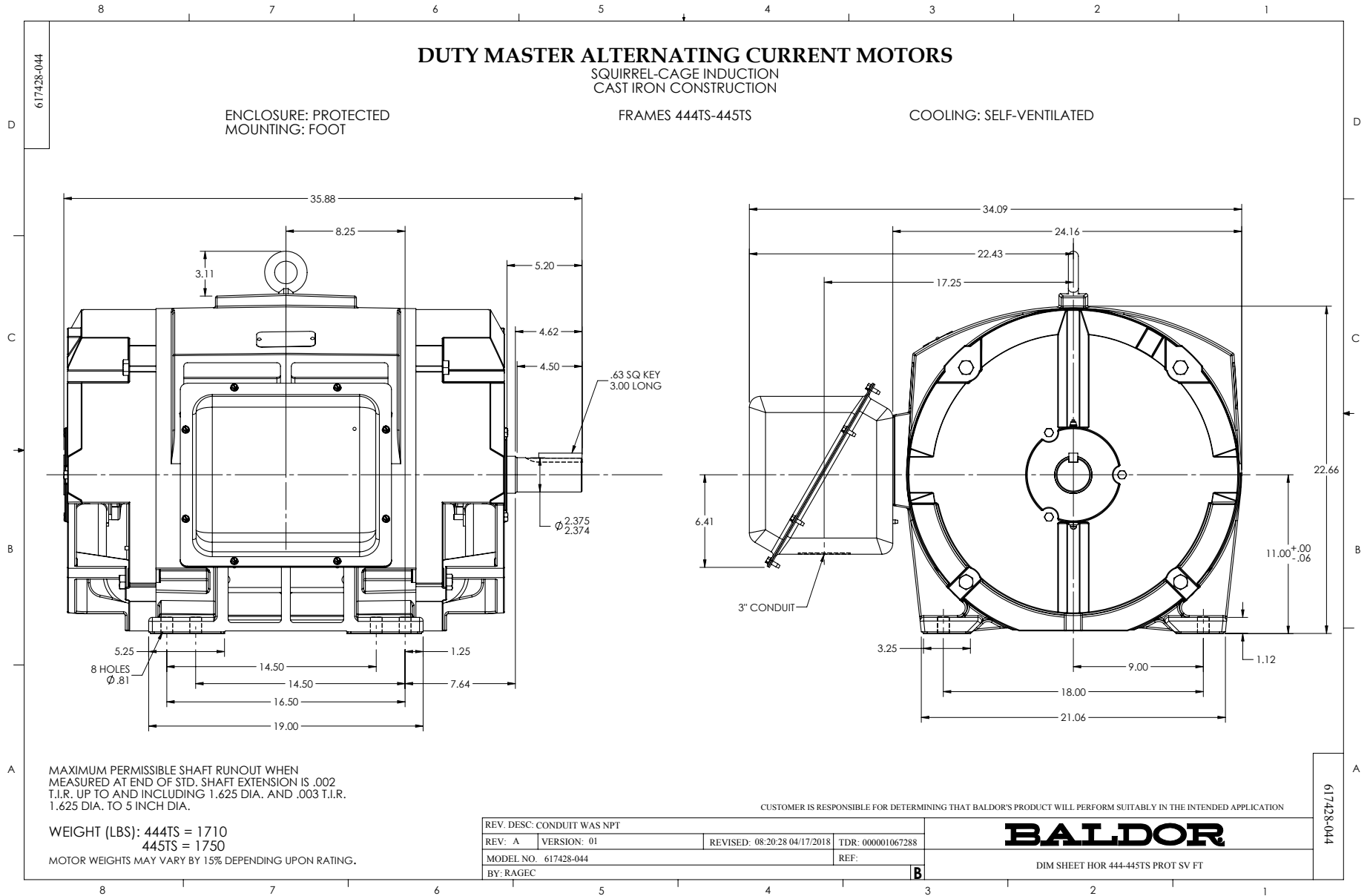
Mounting Arrangement	F1
Number of Poles	2
Overall Length	35.88 IN
Power Factor	87
Product Family	General Industrial
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Service Factor	1.15
Shaft Diameter	2.375 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	3565 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.	A44-7178-2770	CAT.NO.	EM2568T-4	FRAME	445TS
HP	300	VOLTS	460	PHASE	3
		DESIGN	B	TYPE	P
RPM	3565	AMPS	339	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	87	NEMA-NOM-EFFICIENCY	95.4
		MAX CORR KVAR	45	GUARANTEED EFFICIENCY	94.5
		NEMA NOM/CSA QUOTED EFF			
		MOTOR WEIGHT			

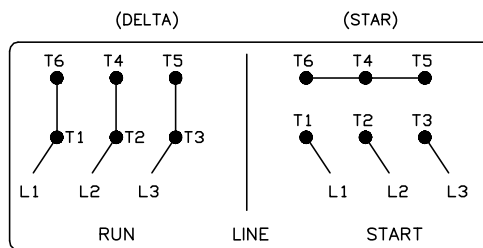
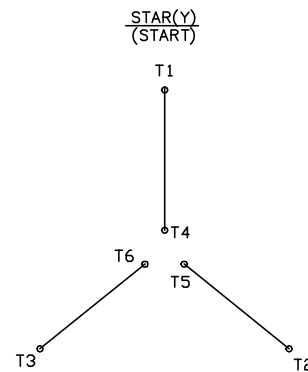
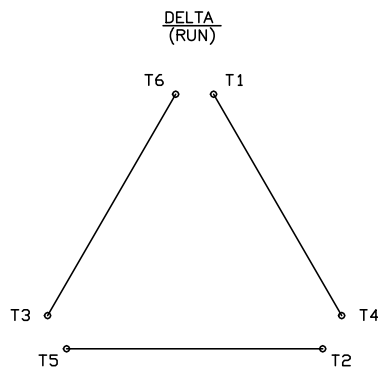


416820-008

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: -		

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CONNECT DIAGRAM STD 6 LEAD Y START DELTA RUN

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