

BALDOR® • RELIANCE

Product Information Packet

ECR91254T-4

125HP,1785RPM,3PH,60HZ,444T,A44078M,TEFC

Part Detail							
Revision:	E	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	A44078M	Elec. Spec:	A44WG1492	CD Diagram:	416820-036
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:		Layout:	617427-315
Frame:	444T	Mounting:	F1	Poles:	04	Created Date:	01-30-2015
Base:		Rotation:	R	Insulation:	F	Eff. Date:	11-11-2016
Leads:	3#1/0					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate 000613007PV

CAT NO	ECR91254T-4		SPEC NO.	P44G1806		DESIGN	A	INSUL.CLASS	F
HP	125	AMPS	149	VOLTS	460	SF	1.15		
RPM	1785	RPM MAX	3600	HZ	60	AMB	40		
D.E. BRG.DATA	6318	O.D.E. BRG.DATA	6318	PH	3	DUTY	CONT		
FRAME	444T	I.P.	55	TYPE	P	ENCL	TEFC	CODE	H
POWER FACTOR	81	3/4 LOAD EFF.		95.4		NEMA NOM EFFICIENCY		95.4	
CHP HZ	60-90	CT HZ	6-60	VT HZ	6-60				
SER.NO.			MOTOR WEIGHT		1964				

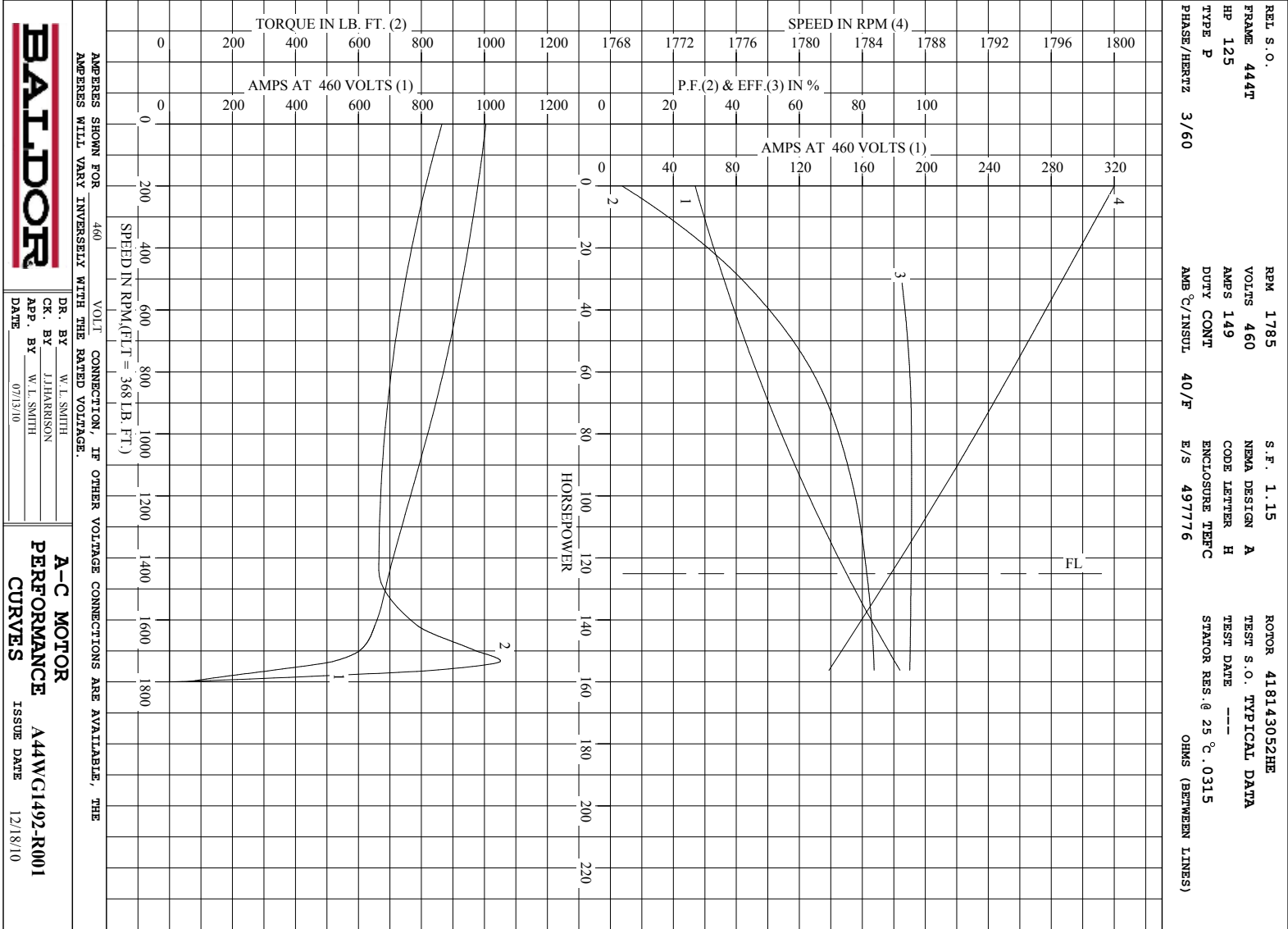
Nameplate NP2496L		
MOBIL POLYREX EM		

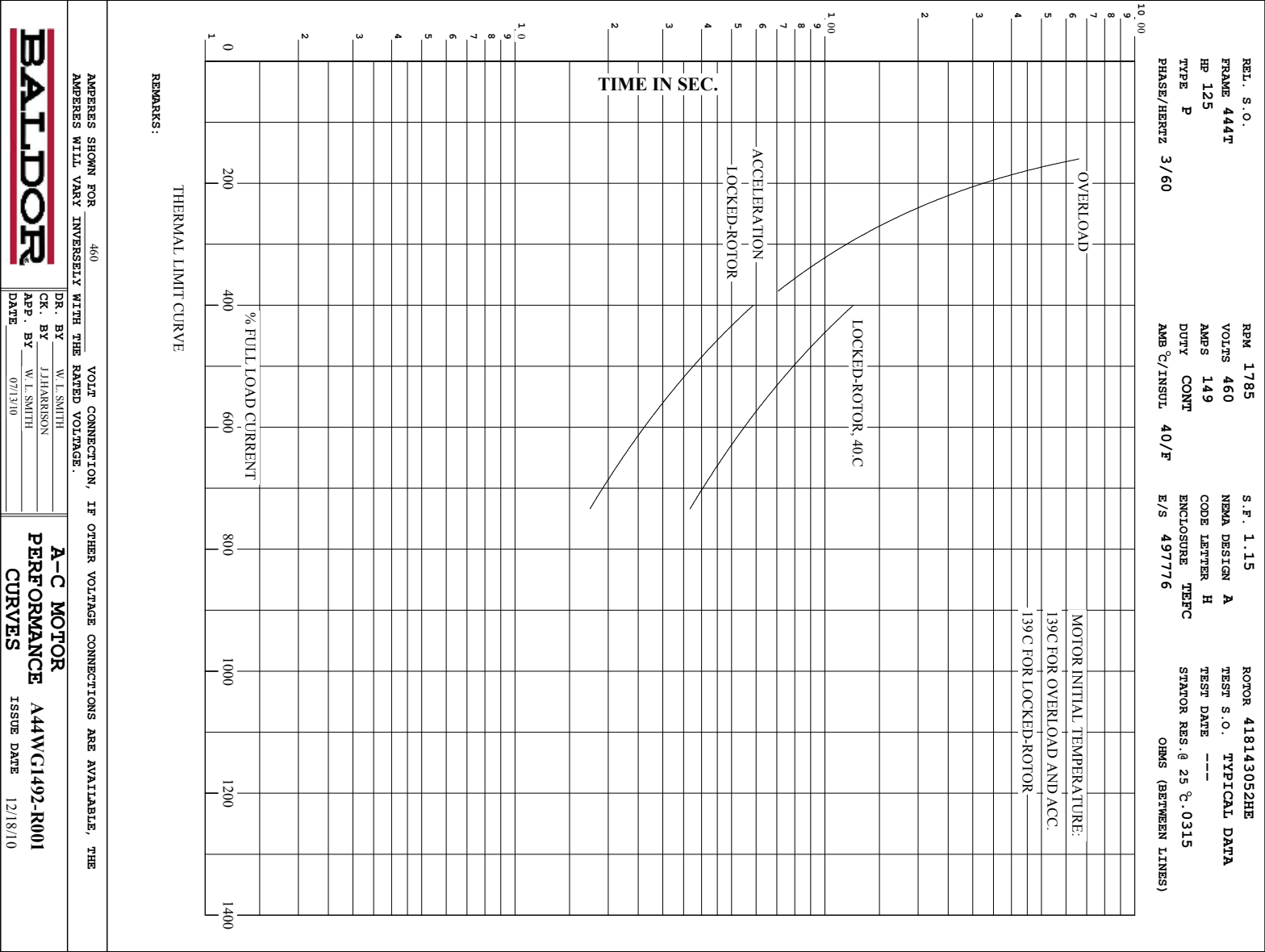
Parts List		
Part Number	Description	Quantity
SA293581	SA P44G1806	1.000 EA
RA279674	RA P44G1806	1.000 EA
421948051	LABEL, MYLAR	1.000 EA
000613006PU	N/P (RELEASE QTY 10,000) UL CSA LABEL	1.000 EA
000692000VD	LABEL WARNING	1.000 EA
000613007PV	SS NP, CRUSHER DUTY, EMBOSSED,MAIN MOTOR	1.000 EA
000692000FF	N/P	1.000 EA
089490099A	G28 BRKT 089490098WCA KB	1.000 EA
415072001B	CLAMP	1.000 EA
083199082RA	G28 SHORT FAN COVER W/BAFFLE ASSEMBLY	1.000 EA
034180014DA	KEY 1/4X1/4X1-3/4 L	1.000 EA
078549001DA	FAN 400 078549001F	1.000 EA
004824015A	GREASE POLYREX EM	1.160 LB
032018020FK	HHCS 3/4-10X2-1/2 PLTD.	4.000 EA
032018008CK	HHCS 3/8-16X1L PLATED	4.000 EA
032018030DK	HHCS 1/2-13X3-3/4 PLTD.	3.000 EA
415096002A	CPLG 1/8 HEX TYPE	1.000 EA
410700004A	WSHR	1.000 EA
034017014AB	LCKW 3/8 STD. PLATED	4.000 EA
034530064AB	P/NIP 1/8 X 8" L Pipe Nipple	1.000 EA
034690005AB	PPLG 3/4 PLATED	2.000 EA
032620016LA	SOCKET SET SCREW-449	3.000 EA
034631002AB	BUSH 1/4 TO 1/8 PLTD.	1.000 EA
034530064BB	P/NIP 1/4X8 PLATED	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
412118006A	DRAIN	1.000 EA
415045002A	SLGR	1.000 EA
035000001G	GREASE RELIEF FITTING, ALEMITE 317400	1.000 EA
089490099A	G28 BRKT 089490098WCA KB	1.000 EA
032018020FK	HHCS 3/4-10X2-1/2 PLTD.	4.000 EA
032018030DK	HHCS 1/2-13X3-3/4 PLTD.	3.000 EA
415915007G	GASK, LAC	1.000 FT
418151014G	RETAIN RING	1.000 EA
032018004BK	HHCS 5/16-18X1/2 PLATED	3.000 EA
415096002A	CPLG 1/8 HEX TYPE	1.000 EA
702623013A	THERMAL BARRIER -- G28 -- BRACKET MTD	1.000 EA
034017013AB	LCKW 5/16 STD. PLATED	3.000 EA
035000001G	GREASE RELIEF FITTING, ALEMITE 317400	1.000 EA
034530044AB	P/NIP 1/8X5-1/2L GALV.	1.000 EA
415045002A	SLGR	1.000 EA
412118006A	DRAIN	1.000 EA
034530044BB	P/NIP 1/4X5-1/2L PLT	1.000 EA
034631002AB	BUSH 1/4 TO 1/8 PLTD.	1.000 EA
406056007A	GASKET, 440	1.000 EA
076863000C	+CBCST BLKT - 440	1.000 EA
076864000A	CB CVRCST BLKT - 440	1.000 EA
067053001C	GASK 440	1.000 EA
032018008DK	HHCS 1/2-13X1 PLATED	4.000 EA
415000103D	T/LUG #4AWG-1/0AWG W/HOLE FOR .250 BOLT	1.000 EA

033512006LB	HHTTS 1/4-20X3/4 PLTD.	1.000 EA
406099000A	PLUG - FAN COVER 320-440	1.000 EA
032018008BK	HHCS 5/16-18X1L PLATED	4.000 EA
418150003A	GREASE FITTING CAP	1.000 EA
418150003A	GREASE FITTING CAP	1.000 EA
035000001A	ALFTG 1/8" 1610-BL	1.000 EA
035000001A	ALFTG 1/8" 1610-BL	1.000 EA
MG1025G96	WILKOFASST SG, 779.7048, MOUSE GRAY #7048	0.440 GA
033775004EA	DRSCR #6-1/4 304 S.S.	2.000 EA
034180054KA	KEY 7/8X7/8X6-3/4 L	1.000 EA
PK5004A09	BASE 48 X 39-1/4 STACK 2 X 4 RUUNER	1.000 EA
NP2496L	MOTOR LUBE NAMEPLATE	1.000 EA

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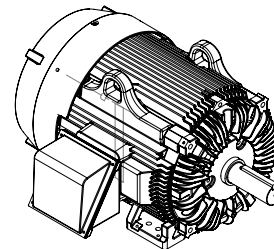
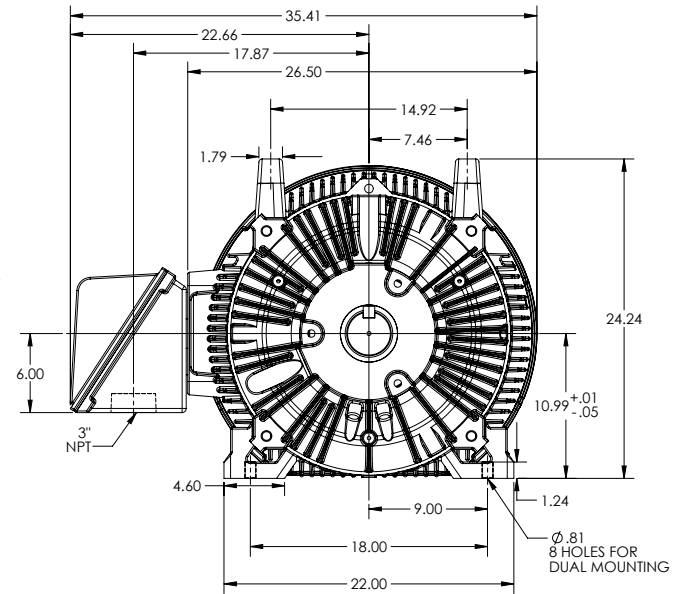
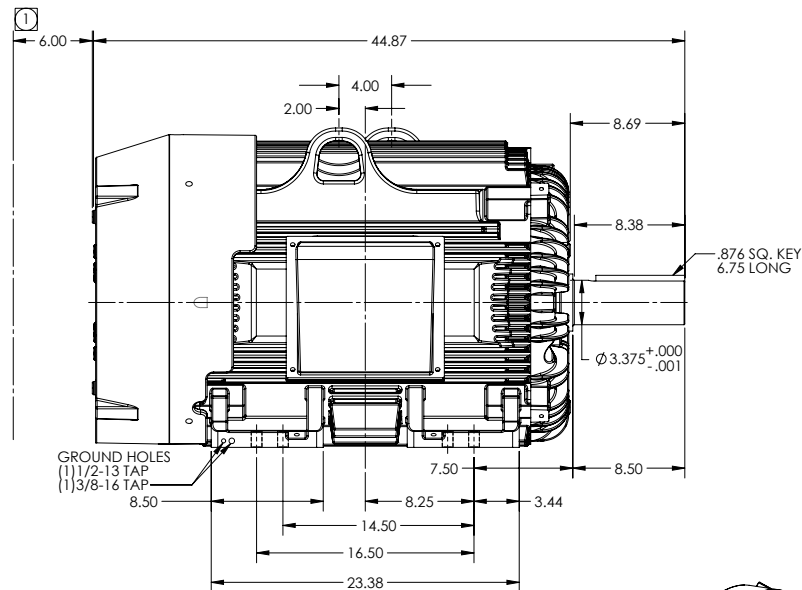
DUTY MASTER ALTERNATING CURRENT MOTORS SQUIRREL-CAGE INDUCTION

ENCLOSURE: TOTALLY ENCLOSED

MOUNTING: FOOT

FRAMES G445T/444T

COOLING: FAN COOLED



① OBSTRUCTION MUST NOT ENCROACH ON AIR INLET.

IF MOUNTING CLEARANCE DETAILS ARE REQUIRED, CONSULT FACTORY.

MAXIMUM PERMISSIBLE SHAFT RUNOUT WHEN MEASURED AT END OF STANDARD SHAFT EXTENSION IS .003" T.I.R.

CONDUIT BOX LOCATED ON OPPOSITE SIDE WHEN F-2, W-1, W-4, W-5, W-7, OR C-1 MOUNTING IS SPECIFIED

DIMENSIONS ARE IN INCHES FOR MILLIMETERS SEE SHEET (2)

CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT MOTOR PERFORMANCE IS SUITABLE IN THE APPLICATION.

SHEET NUMBER
1 OF 2

51E-27-315

REV. DESC: NEW
REV: - VERSION: 00
MODEL NO. 617427-315
BY: RAGAH

REVISED: 09/06/36 12/05/2014

TDR: 000000881952

BALDOR

G445T/444T STD - FOOTED - SIDE/CENTER C.I. C/B ROLLER BRG

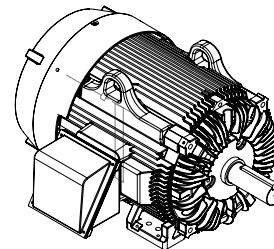
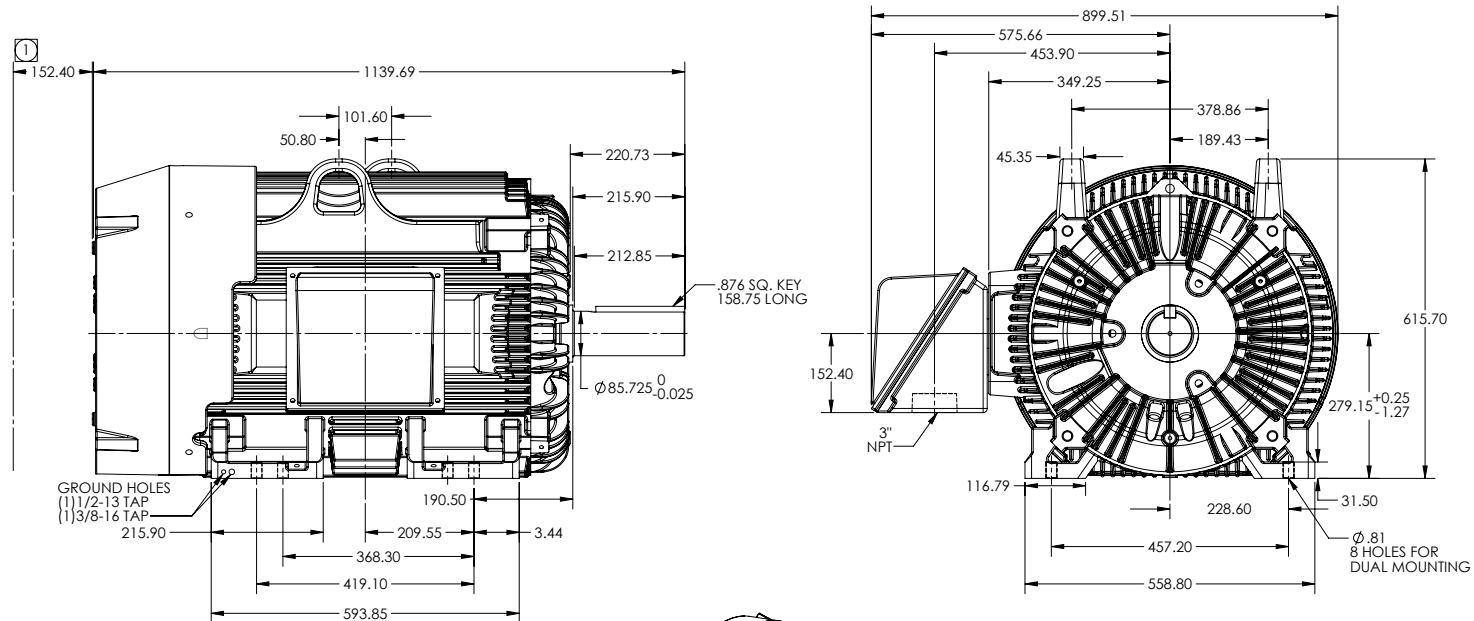
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IF MOUNTING CLEARANCE DETAILS ARE REQUIRED, CONSULT FACTORY.

MAXIMUM PERMISSIBLE SHAFT RUNOUT WHEN MEASURED AT END OF STANDARD SHAFT EXTENSION IS .08 T.I.R.

CONDUIT BOX LOCATED ON OPPOSITE SIDE WHEN F-2, W-1, W-4, W-5, W-7, OR C-1 MOUNTING IS SPECIFIED

DIMENSIONS ARE IN MILLIMETERS FOR INCHES SEE SHEET 1

CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT MOTOR PERFORMANCE IS SUITABLE IN THE APPLICATION.

SHEET NUMBER
2 OF 2

51E-2727119

REV. DESC: NEW
REV: - VERSION: 00
MODEL NO. 617427-315
BY: RAGAH

BALDOR

G445T/444T STD - FOOTED - SIDE/CENTER C.I. C/B ROLLER BRG

416820-036

A-C MOTOR

CONNECTION DIAGRAM

STANDARD 3 LEAD

CONNECTED



(N.P. 1575-BA)

416820-036

REV. DESC: LOADED TO BUS, C/R 335225			BALDOR
REV. LTR: -	VERSION: 00	TDR: 000000538207	
FILE: \MGA\00000\682		REVISED: 11: 54: 06 04/30/2010	CONN DIAG - STANDARD 3 LEAD
MTL: -		BY: RAGRA	SH 1 of 1