

BALDOR® • RELIANCE

Product Information Packet

ECP44256T-4

250HP,1188RPM,3PH,60HZ,449T,A44160M,TEFC

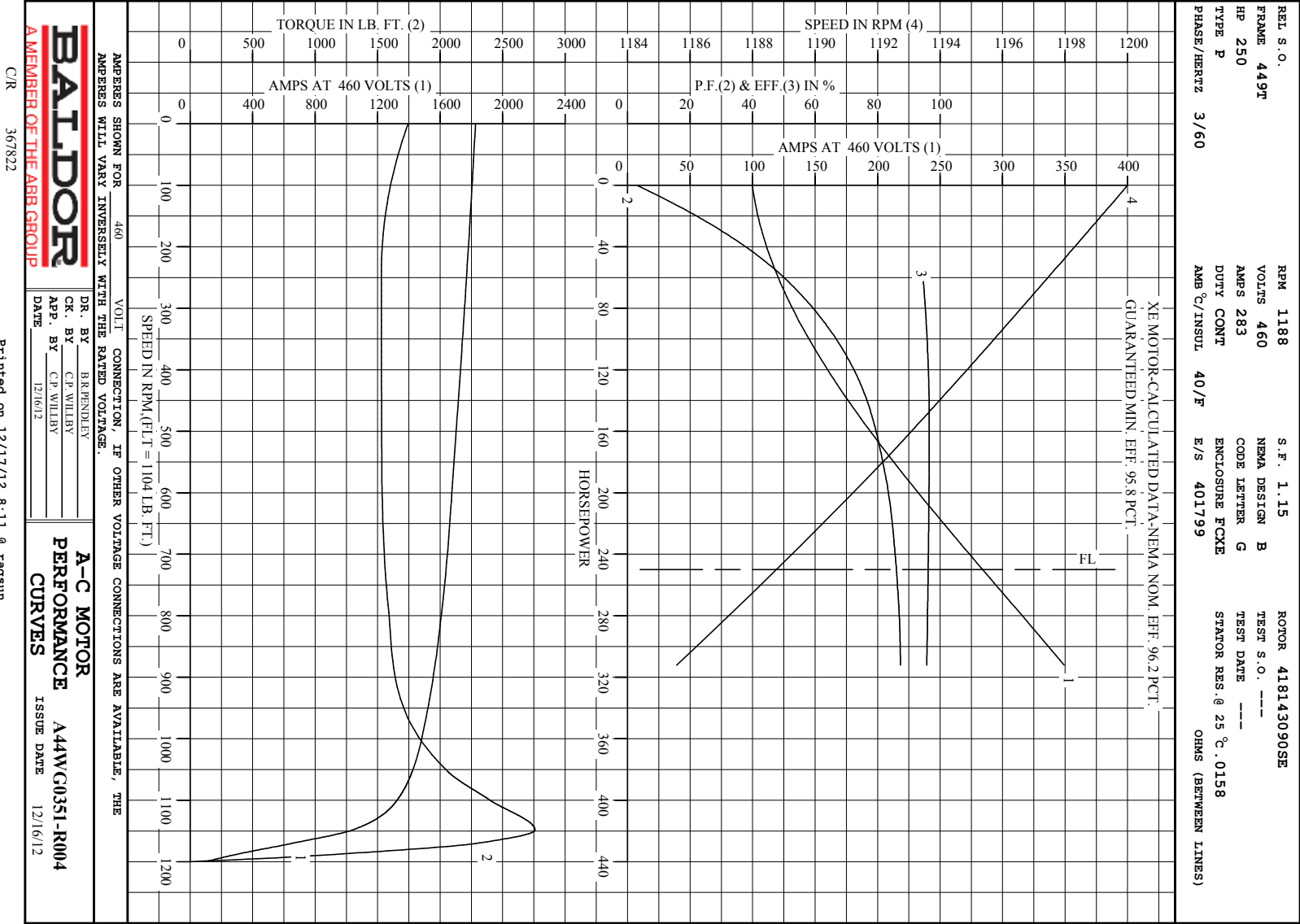
Part Detail							
Revision:	G	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	A44160M	Elec. Spec:	A44WG0351	CD Diagram:	416820-036
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:		Layout:	617427-003
Frame:	449T	Mounting:	F1	Poles:	06	Created Date:	08-16-2012
Base:		Rotation:	R	Insulation:	F	Eff. Date:	09-29-2014
Leads:	3#1/0 (02 per group)					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP3238									
CAT NO	ECP44256T-4	SPEC NO.	P44G3951						
HP	250	AMPS	283	VOLTS	460	DESIGN	B		
FRAME	449T	RPM	1188	HZ	60	AMB	40	SF	1.15
D.E. BRG.DATA	6318	O.D.E. BRG.DATA	6318	PH	3	DUTY	CONT	INSUL.CLASS	F
D.E. BRG.	90BC03J30X	TYPE	P	ENCL	TEFC	CODE	G		
O.D.E. BRG.	90BC03J30X	POWER FACTOR	86	NEMA NOM EFFICIENCY	96.2				
3/4 LOAD EFF.	96.5	MAX CORR KVAR	55.0	GUARANTEED EFFICIENCY	95.8				
TEMP CODE	T2C	TEMP =	230						
CHP HZ	60-90	CT HZ	30-60	VT HZ	0-60				
INVERTER-TEMP-CODE	T2C								
SER.NO.		MOTOR WEIGHT							

Parts List		
Part Number	Description	Quantity
SA249721	SA P44G3951	1.000 EA
RA236581	RA P44G3951	1.000 EA
613-6PU	N/P UL CSA LABLE	1.000 EA
NP3238	SS CP XEX SEVERE DUTY MAIN NP	1.000 EA
000692000FF	N/P (RELEASE QTY 1,000)	1.000 EA
000692000VD	LABEL WARNING	1.000 EA
004824015A	GREASE POLYREX EM	1.156 LB
032018008CK	HHCS 3/8-16X1L PLATED	4.000 EA
032018020FK	HHCS 3/4-10X2-1/2 PLTD.	4.000 EA
032018036DK	HHCS 1/2-13X4-1/2 PLTD.	3.000 EA
032620016LA	SOCKET SET SCREW-449	3.000 EA
34017-14AB	LCKW 3/8 STD. PLATED	4.000 EA
034180014DA	KEY 1/4X1/4X1-3/4 L	1.000 EA
034530072AB	P/NIP 1/8X9"L Threaded both ends	1.000 EA
034530072BB	PIPE NIPPLE,DE - 440-BS	1.000 EA
034630002AB	CPLG 1/4" PLATED	1.000 EA
034690002AB	"unbulked" PPLG 1/4" PLTD.	1.000 EA
034690005AB	PPLG 3/4 PLATED	2.000 EA
078557001E	FAN 440 078557001F	1.000 EA
083199082A	G28 FAN COVER MACHINING SHORT VERSION	1.000 EA
089490099A	G28 BRKT 089490098WCA KB	1.000 EA
410700004A	WSHR	1.000 EA
412118006A	DRAIN	1.000 EA
415045002A	SLGR	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
415072001B	CLAMP	1.000 EA
415096002A	CPLG 1/8 HEX TYPE	1.000 EA
032018004BK	HHCS 5/16-18X1/2 PLATED	3.000 EA
032018006BK	HHCS 5/16-18X3/4 PLATED	3.000 EA
032018020FK	HHCS 3/4-10X2-1/2 PLTD.	4.000 EA
032018030DK	HHCS 1/2-13X3-3/4 PLTD.	3.000 EA
034017013AB	LCKW 5/16 STD. PLATED	3.000 EA
034017013AB	LCKW 5/16 STD. PLATED	3.000 EA
034530072AB	P/NIP 1/8X9"L Threaded both ends	1.000 EA
034530072BB	PIPE NIPPLE,DE - 440-BS	1.000 EA
034630002AB	CPLG 1/4" PLATED	1.000 EA
034690002AB	"unbulked" PPLG 1/4" PLTD.	1.000 EA
089490099A	G28 BRKT 089490098WCA KB	1.000 EA
415915007G	GASK, LAC	1.000 FT
412118006A	DRAIN	1.000 EA
415045002E	SLGR	1.000 EA
415096002A	CPLG 1/8 HEX TYPE	1.000 EA
418151014G	RETAIN RING	1.000 EA
702623016RA	G28 AIR DEFLECTOR ASSEMBLY FOR USE	1.000 EA
702623013A	THERMAL BARRIER -- G28 -- BRACKET MTD	1.000 EA
032018008BK	HHCS 5/16-18X1L PLATED	4.000 EA
032018008DK	HHCS 1/2-13X1 PLATED	4.000 EA
033512004LB	HHTTS 1/4-20X1/2 PLTD.	1.000 EA
035000001A	ALFTG 1/8" 1610-BL	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
035000001A	ALFTG 1/8" 1610-BL	1.000 EA
067053014A	GASK 440	1.000 EA
076870000B	+CBCST BLKT - 440	1.000 EA
076871000A	+CBOX CVR BLKT - 449	1.000 EA
406056007A	GASKET, 440	1.000 EA
406099000A	PLUG - FAN COVER 320-440	1.000 EA
415000103D	T/LUG #4AWG-1/0AWG W/HOLE FOR .250 BOLT	1.000 EA
418150003A	GREASE FITTING CAP	1.000 EA
418150003A	GREASE FITTING CAP	1.000 EA
033775004EA	DRSCR #6-1/4 304 S.S.	2.000 EA
034180054KA	KEY 7/8X7/8X6-3/4 L	1.000 EA
004824003AJD	WILKO 778.50 BLUE GREEN - 55 GAL DRUMS	0.375 GA
004824003CBY	WILKO PAINT 060.02 - ACTIVATOR	0.094 GA
L482401016	SPRAY AC-29-7S	0.019 GA
421948051	LABEL, MYLAR	1.000 EA
PK5005A01	WOOD BASE 449 60 X 41-1/2 BLT 25 X 18	1.000 EA
LB1449	DIV-2/NEC WARNING LABEL	1.000 EA



DUTY MASTER ALTERNATING CURRENT MOTORS

SQUIRREL-CAGE INDUCTION

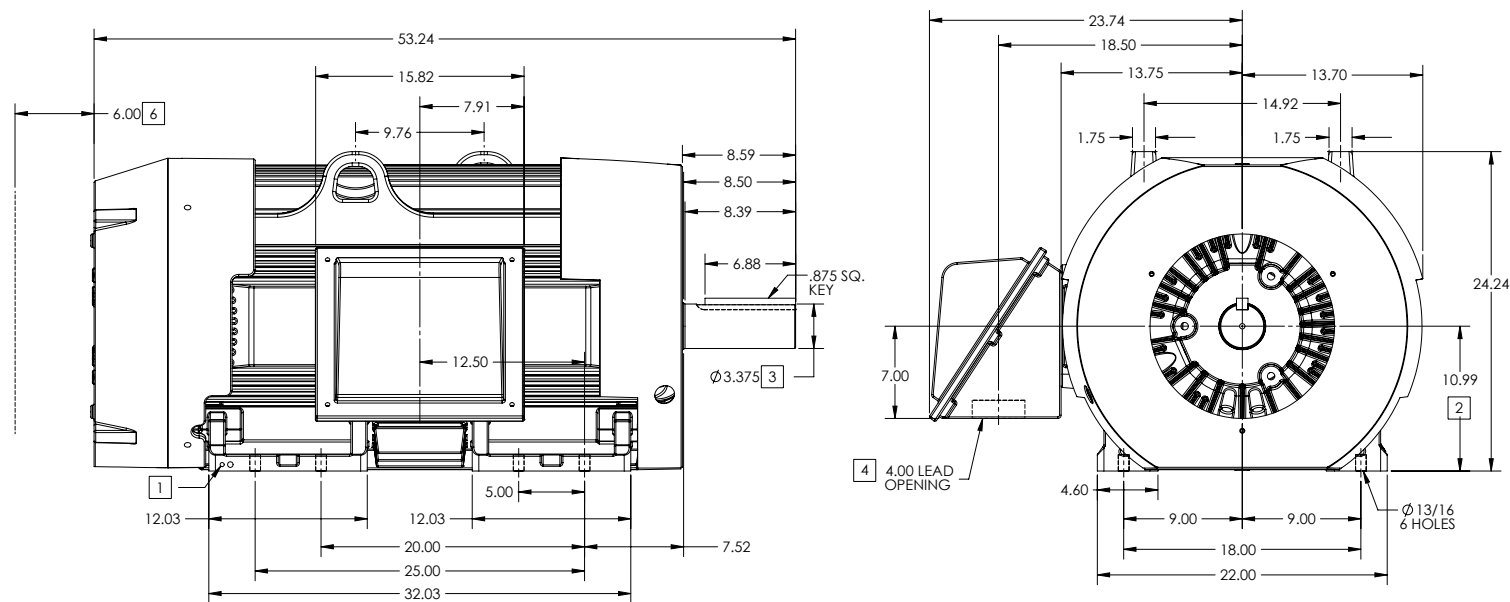
ENCLOSURE: TOTALLY ENCLOSED

FRAME 449T ABOVE NEMA RATINGS (1800 RPM MAX)

COOLING: FAN COOLED

MOUNTING: FOOT

INCLUDES 447T FRAME MOUNTING HOLES



1. GROUND HOLES QTY 1 1/2-13 TAP; QTY 1 3/8-16 TAP
2. VARIES +.00,-.06
3. VARIES +.00,-.001
4. ON STANDARD MOTORS THIS IS CONDUIT SIZE. ON XT AND CORROSION PROOF MOTOR THIS IS PIPE TAP.
5. MOTOR WEIGHTS MAY VARY BY 1.5% DEPENDING ON RATING.
6. OBSTRUCTION MUST NO ENCROACH ON AIR INLET

CONDUIT BOX LOCATED ON OPPOSITE SIDE WHEN F-2.
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. TO 5 INCH DIA.

[5] WEIGHT (LBS): 3080

DRIVE END AIR DEFLECTOR IS ONLY INCLUDED WHEN NECESSARY.

DIMENSIONS ARE IN INCHES; SEE SHEET 2 FOR DIMENSIONS IN MILLIMETERS

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

SHEET NUMBER
1 OF 2
500P-27-119

REV. DESC: CHANGING ENCLOSURE TO "TOTALLY ENCLOSED" WAS "UL" -
REV: A VERSION: 01 REVISED: 08/28/52 02/15/2013 TDR: 000000786306
MODEL NO. 617427-003
BY: MGHWC

BALDOR
G449T/447T STD - FOOTED - SIDE/CENTER C/B

617427-003

DUTY MASTER ALTERNATING CURRENT MOTORS

SQUIRREL-CAGE INDUCTION

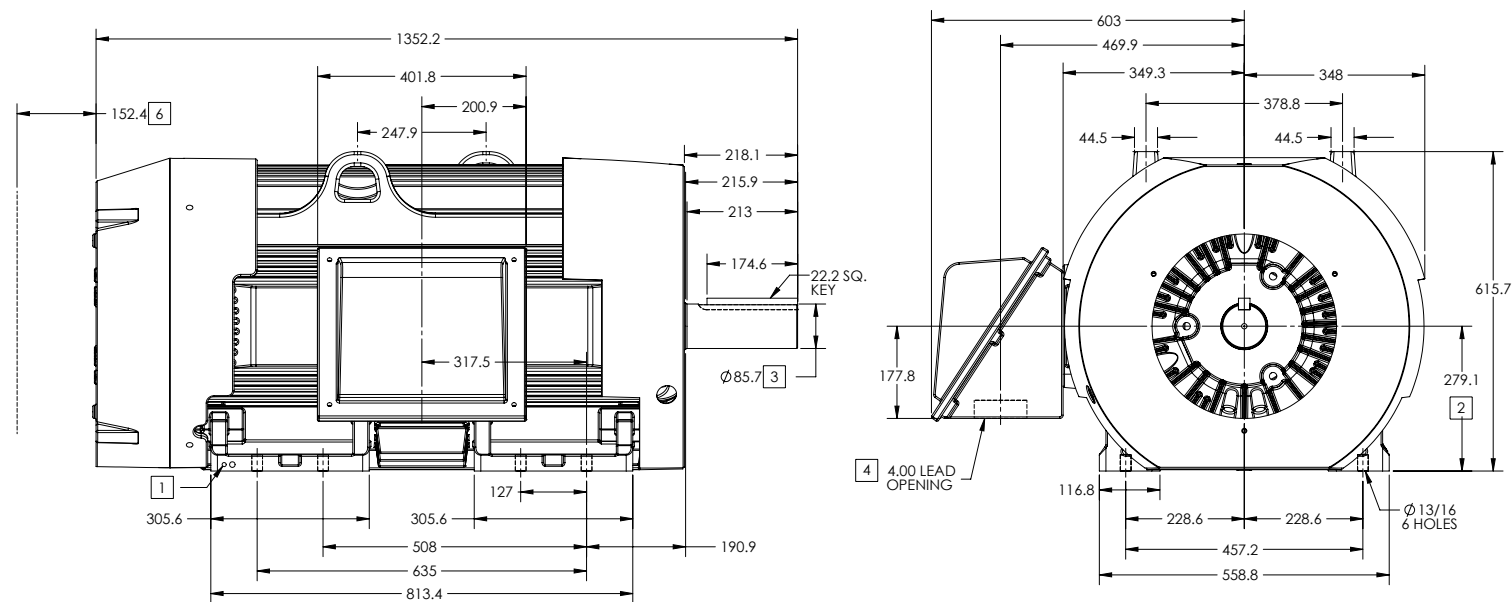
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FRAME 449T ABOVE NEMA RATINGS (1800 RPM MAX)

COOLING: FAN COOLED

MOUNTING: FOOT

INCLUDES 447T FRAME MOUNTING HOLES



1. GROUND HOLES QTY 1 1/2-13 TAP; QTY 1 3/8-16 TAP
2. VARIES +.00,-.06
3. VARIES +.000,-.001
4. ON STANDARD MOTORS THIS IS CONDUIT SIZE. ON XT AND CORROSION PROOF MOTOR THIS IS PIPE TAP.
5. MOTOR WEIGHTS MAY VARY BY 1.5% DEPENDING ON RATING.
6. OBSTRUCTION MUST NO ENCROACH ON AIR INLET

CONDUIT BOX LOCATED ON OPPOSITE SIDE WHEN F-2.
IF MOUNTING CLEARANCE DETAILS ARE REQUIRED, CONSULT FACTORY.
MAXIMUM PERMISSIBLE SHAFT RUNOUT WHEN MEASURED AT END OF
STANDARD SHAFT EXTENSION IS .08 MM T.I.R. TO 127 MM DIA.

[5] WEIGHT (KGS): 1400

DRIVE END AIR DEFLECTOR IS ONLY INCLUDED WHEN NECESSARY.

DIMENSIONS ARE IN MILLIMETERS; SEE SHEET 1 FOR DIMENSIONS IN INCHES

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

SHEET NUMBER
2 OF 2

500P-2747119

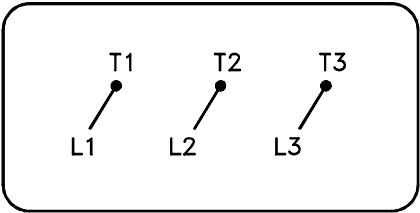
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REV: A VERSION: 01 REVISED: 08/28/52 02/15/2013 TDR: 000000786306
MODEL NO. 617427-003
BY: MGHWC

BALDOR

G449T/447T STD - FOOTED - SIDE/CENTER C/B

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 CONN DIAG - STANDARD 3 LEAD SH 1 of 1
REV. LTR: -	VERSION: 00	TDR: 000000538207	
FILE: \MGA\00000\682		REVISED: 11: 54: 06 04/30/2010	
MTL: -		BY: RAGRA	

Marketing maintained PDF of MN408:

<http://www.baldor.com/support/Literature/Load.ashx/MN408?ManNumber=MN408>

Marketing maintained PDF of MN416:

<http://www.baldor.com/support/Literature/Load.ashx/MN416?ManNumber=MN416>