

BALDOR® • RELIANCE

Product Information Packet

ECR93506TR-4

350HP,1190RPM,3PH,60HZ,L 449T,A44208M,TE

Part Detail							
Revision:	C	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	A44208M	Elec. Spec:	A44WG5184	CD Diagram:	416820-036
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:		Layout:	617423-218
Frame:	L 449T	Mounting:	F1	Poles:	06	Created Date:	02-11-2015
Base:		Rotation:	R	Insulation:	F	Eff. Date:	10-20-2015
Leads:	3#2 (04 per group)					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate 000613007PV

CAT NO	ECR93506TR-4		SPEC NO.	P44G1823		DESIGN	A	
HP	350	AMPS	433	VOLTS	460	SF	1.15	
RPM	1190	RPM MAX	3000	HZ	60	AMB	40	
D.E. BRG.DATA	NU222		O.D.E. BRG.DATA	6318		PH	3	DUTY CONT
FRAME	L 449T	I.P.	55	TYPE	P	ENCL	TEFC	INSUL.CLASS F
POWER FACTOR	79	3/4 LOAD EFF.	96.0	CODE	H	NEMA NOM EFFICIENCY	95.8	
CHP HZ	60-90	CT HZ	30-60	VT HZ	0-60			
SER.NO.			MOTOR WEIGHT	3683				

Nameplate NP2496L

MOBIL SHC -220 GREASE

Parts List		
Part Number	Description	Quantity
SA293604	SA P44G1823	1.000 EA
RA279697	RA P44G1823	1.000 EA
000613007PV	SS NP, CRUSHER DUTY, EMBOSSED,MAIN MOTOR	1.000 EA
000692000FF	N/P	1.000 EA
000692000RT	N/P	1.000 EA
000692000VD	LABEL WARNING	1.000 EA
NP2496L	MOTOR LUBE NAMEPLATE	1.000 EA
004824015AP	GREASE MOBILITH SHC 220	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
034017014AB	LCKW 3/8 STD. PLATED	4.000 EA
034180014DA	KEY 1/4X1/4X1-3/4 L	1.000 EA
034530064AB	P/NIP 1/8 X 8" L Pipe Nipple	1.000 EA
035000001G	GREASE RELIEF FITTING, ALEMITE 317400	1.000 EA
083199082A	G28 FAN COVER MACHINING SHORT VERSION	1.000 EA
089490099A	G28 BRKT 089490098WCA KB	1.000 EA
415045002A	SLGR	1.000 EA
415096002A	CPLG 1/8 HEX TYPE	1.000 EA
418151014G	RETAIN RING	1.000 EA
412118006A	DRAIN	1.000 EA
702618003T	FAN 440	1.000 EA
032018004BK	HHCS 5/16-18X1/2 PLATED	3.000 EA
032018006BK	HHCS 5/16-18X3/4 PLATED	3.000 EA

Parts List (continued)		
Part Number	Description	Quantity
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
034530056AB	1/8 X 7 PP NIPPLE	1.000 EA
034530056BB	P/NIP 1/4X7 SCHED 40	1.000 EA
034631002AB	BUSH 1/4 TO 1/8 PLTD.	1.000 EA
035000001G	GREASE RELIEF FITTING, ALEMITE 317400	1.000 EA
034017013AB	LCKW 5/16 STD. PLATED	3.000 EA
089490101A	G28 BRKT 089490100WCA	1.000 EA
415096002A	CPLG 1/8 HEX TYPE	1.000 EA
418151014H	RETAIN RING	1.000 EA
412118006A	DRAIN	1.000 EA
415915007G	GASK, LAC	1.000 FT
702623013A	THERMAL BARRIER -- G28 -- BRACKET MTD	1.000 EA
702623022A	G28 AIR DEFLECTOR DRIVE END -- PLASTIC	1.000 EA
415045002D	SLGR - 440	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
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

Product Information Packet: ECR93506TR-4 - 350HP,1190RPM,3PH,60HZ,L 449T,A44208M,TE

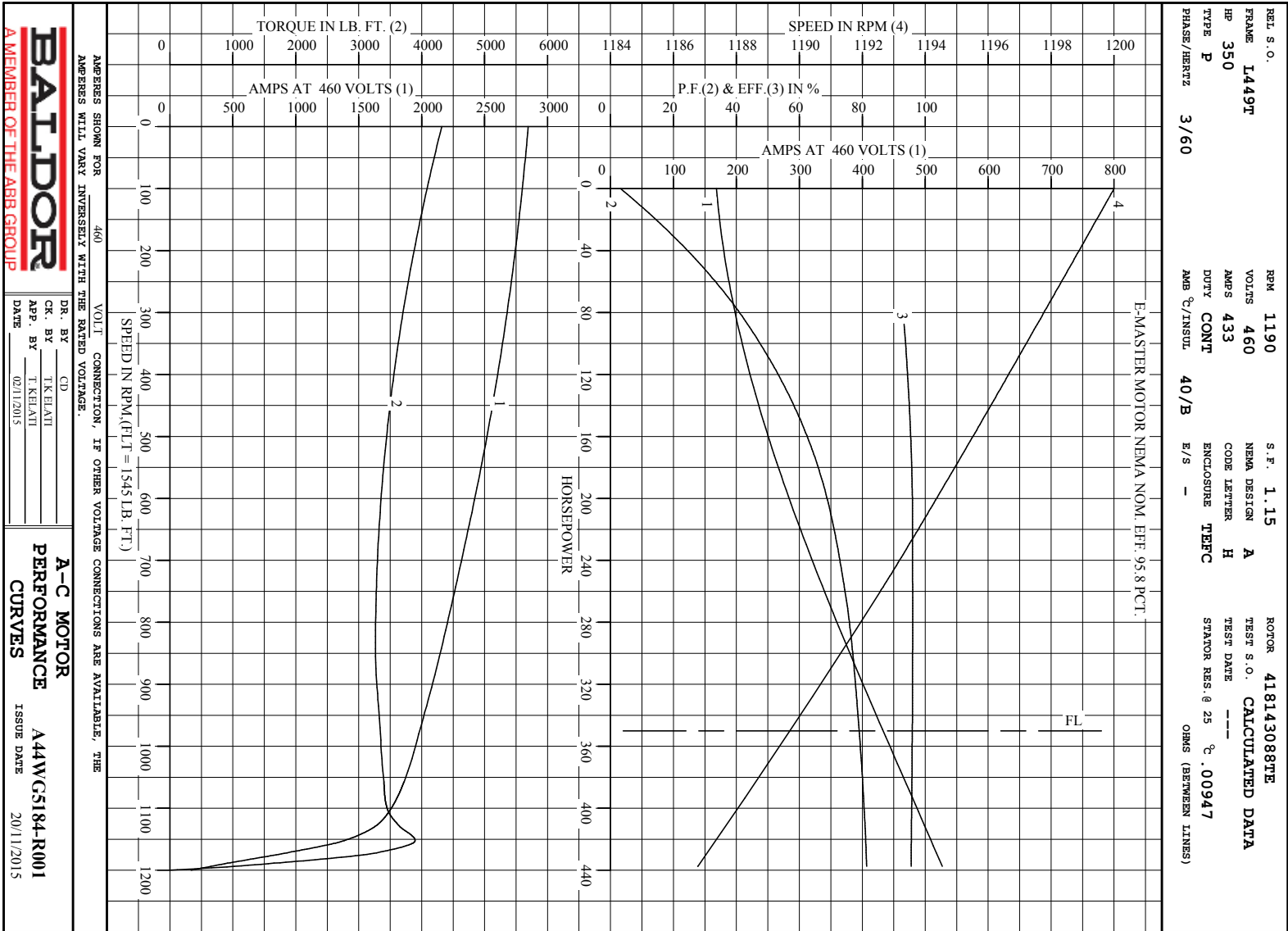
406056007A	GASKET, 440	1.000 EA
406099000A	PLUG - FAN COVER 320-440	1.000 EA
415000103D	T/LUG #4AWG-1/0AWG W/HOLE FOR .250 BOLT	1.000 EA
418150003A	GREASE FITTING CAP	1.000 EA
418150003A	GREASE FITTING CAP	1.000 EA
415030115A	G28 C/BOX 415030114WCA	1.000 EA
032130014DB	HSHCS1/2-13X1-3/4 PLATE	4.000 EA
034000016AB	WSHR .531ID 1.062OD .095	4.000 EA
415039027A	GASKET, G28 LEAD THROAT	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
MG1025G96	WILKOFAS SG, 779.7048, MOUSE GRAY #7048	0.500 GA
421948051	LABEL, MYLAR	1.000 EA
000613006PU	N/P (RELEASE QTY 10,000) UL CSA LABLE	1.000 EA
034001016AB	WSHR .562ID 1.375OD .109	1.000 EA
034001014AB	FLAT WASHER 3/8"PLATED	1.000 EA
032018028CK	HHCS 3/8-16X3-1/2 PLTD.	1.000 EA
604797001R	440 FR. ROLLER BEARING MOTOR SHAFT	1.000 EA
604797003C	SHIPPING BAG	1.000 EA
033300014AC	HEX NUT, SHIPPING - 400	2.000 EA
034001016AB	WSHR .562ID 1.375OD .109	2.000 EA
034001014AB	FLAT WASHER 3/8"PLATED	2.000 EA
032510026D	CARRIAGE BOLT - 440	2.000 EA
604797032	447/449 WIDE SHIPPING SKID	1.000 EA

REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	L449T	350	P	3/60	1190	460
AMPS	DUTY	AMB ^{°C} / INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
433	CONT	40/B	1.15	A	H	TEFC
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 ^{°C} OHMS (BETWEEN LINES)		
-	418143088TE	---	---	.00947		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	POWER FACTOR	% EFFICIENCY	
NO LOAD	0	169	1200	3.19	0	
1/4	87.6	202	1198	43.6	93.3	
2/4	175	263	1195	65.2	95.6	
3/4	262	342	1193	74.7	96.0	
4/4	350	433	1190	79.0	95.9	
5/4	438	527	1187	81.4	95.5	
SPEED TORQUE						
	RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES		
LOCKED ROTOR	0	280	4320	2846		
PULL UP	845	211	3266	2153		
BREAKDOWN	1152	252	3896	1386		
FULL LOAD	1190	100	1545	433		

AMPERES SHOWN FOR 460. VOLT CONNECTION. IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE

REMARKS: CALCULATED DATA
E-MASTER MOTOR NEMA NOM. EFF. 95.8 PCT.

BALDOR A MEMBER OF THE ABB GROUP	DR. BY	CD	A-C MOTOR PERFORMANCE DATA	A44WG5184-R001 ISSUE DATE 20/11/20
	CK. BY	T.K. ELART		
	APP. BY	T. RELART		
	DATE	02/11/2015		



Printed on 2/11/15 13:57 @ regsun

DUTY MASTER ALTERNATING CURRENT MOTORS

SQUIRREL-CAGE INDUCTION

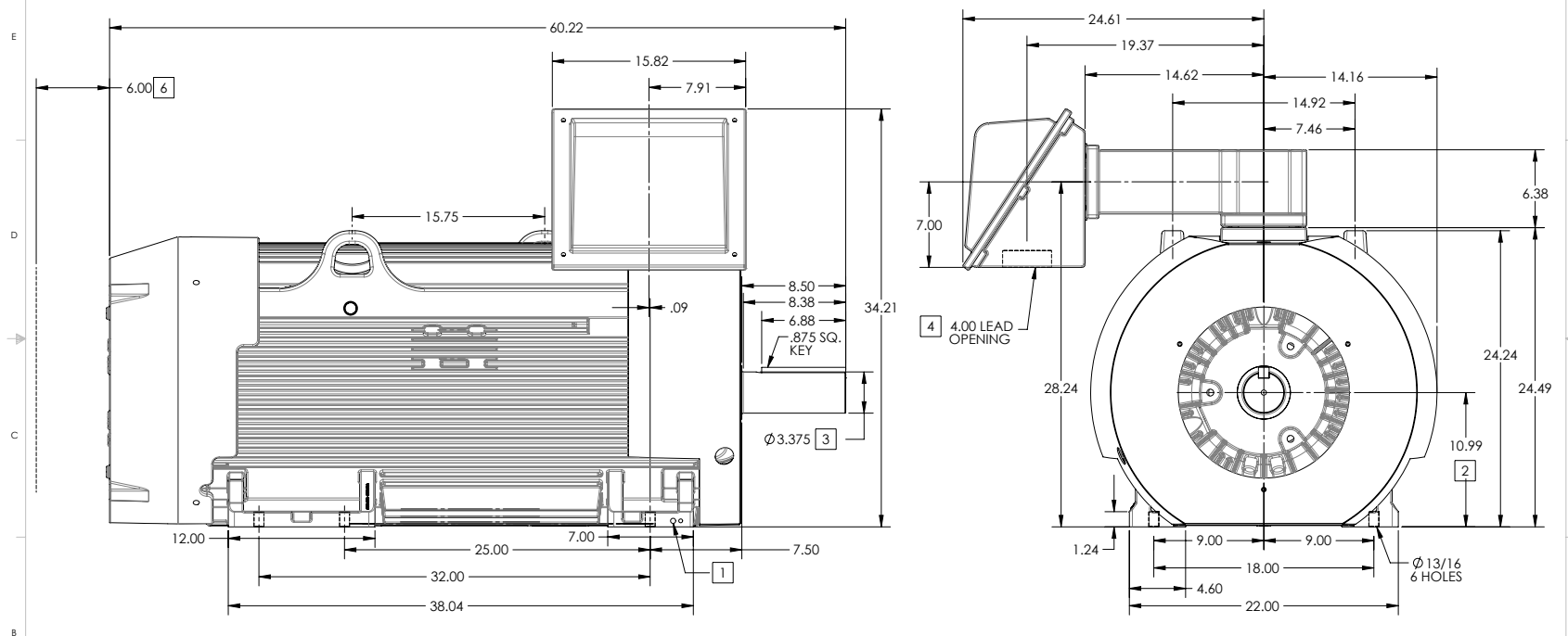
ENCLOSURE: TOTALLY ENCLOSED

FRAME GL449T ABOVE NEMA RATINGS

COOLING: FAN COOLED

MOUNTING: FOOT

INCLUDES G449T 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.

WEIGHT (LBS): 3875

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.

REV. DESC: NEW ISSUE			
REV: -	VERSION: 00	REVISED: 09/28/57 02/11/2015	TDR: 000000884510
MODEL NO. 617423-218		REF:	
BY: RAGGDM	Material:		

BALDOR

G28 DIMENSION SHEET ASSEMBLY: GL449/449T BA-7.50

DUTY MASTER ALTERNATING CURRENT MOTORS

SQUIRREL-CAGE INDUCTION

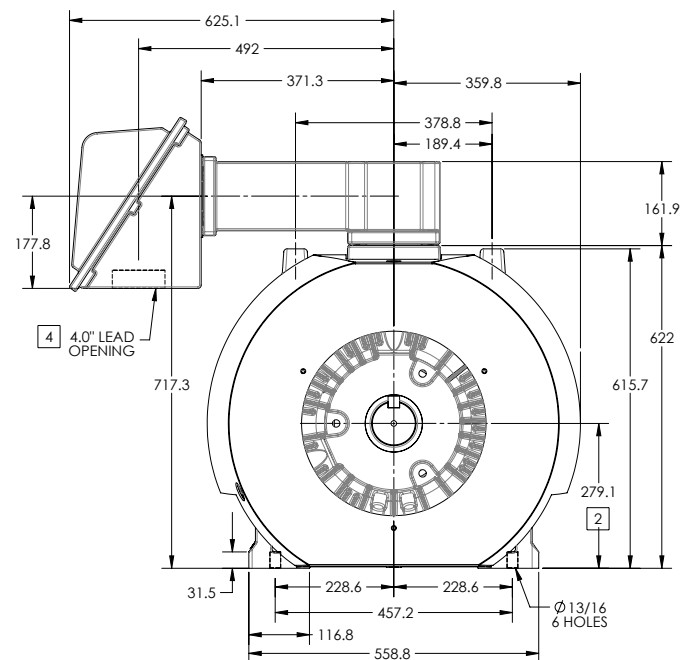
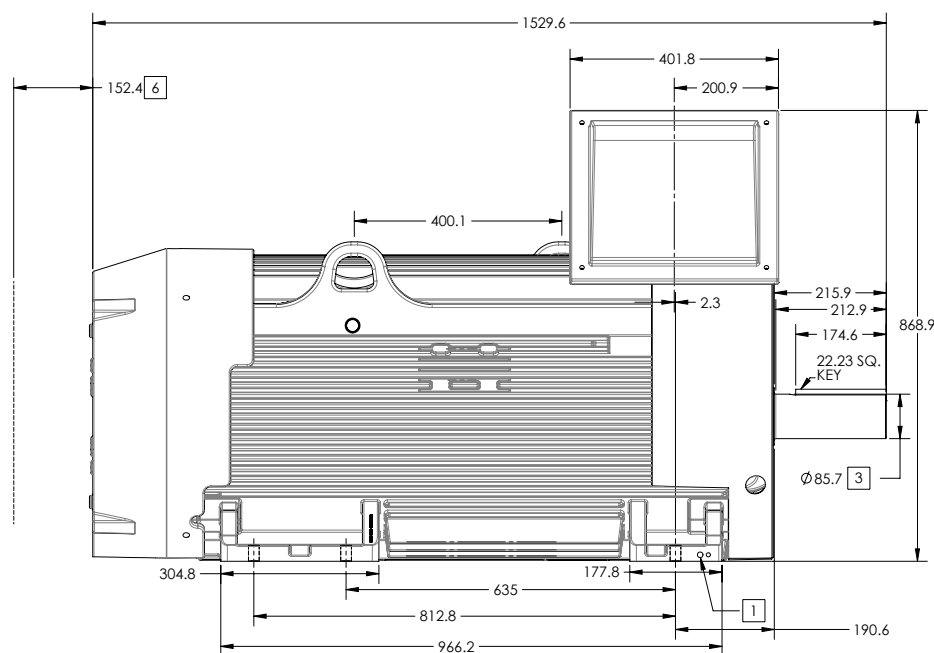
ENCLOSURE: TOTALLY ENCLOSED

FRAME GL449T ABOVE NEMA RATINGS

COOLING: FAN COOLED

MOUNTING: FOOT

INCLUDES G449T 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 .08 MM T.I.R. TO 127 MM DIA.

WEIGHT (KGS): 1760

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.

REV. DESC: NEW ISSUE			
REV: -	VERSION: 00	REVISED: 09/28/57 02/11/2015	TDR: 000000884510
MODEL NO. 617423-218		REF:	
BY: RAGGDM	Material:		

BALDOR

G28 DIMENSION SHEET ASSEMBLY: GL449/449T BA-7.50

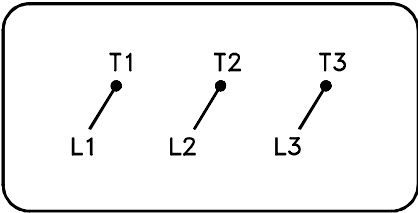
416820-036

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>