PRODUCT INFORMATION PACKET

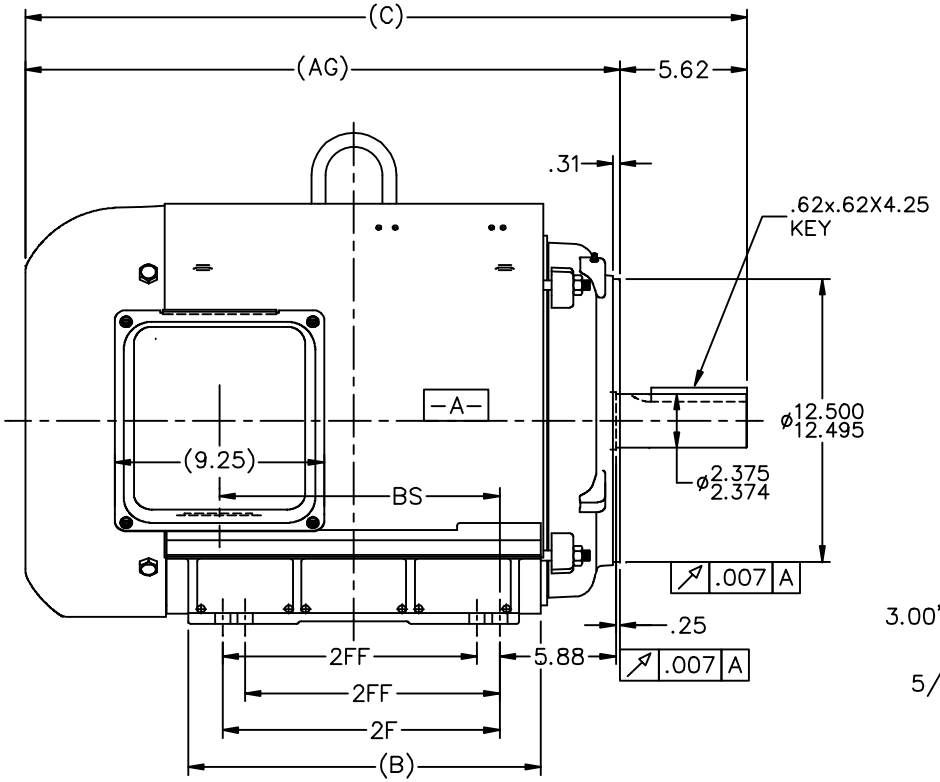
Model No: LM15568
Catalog No: LM15568
General Purpose Motor, 50 & 40 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1200 & 1000 RPM, 365TC Frame, TEFC

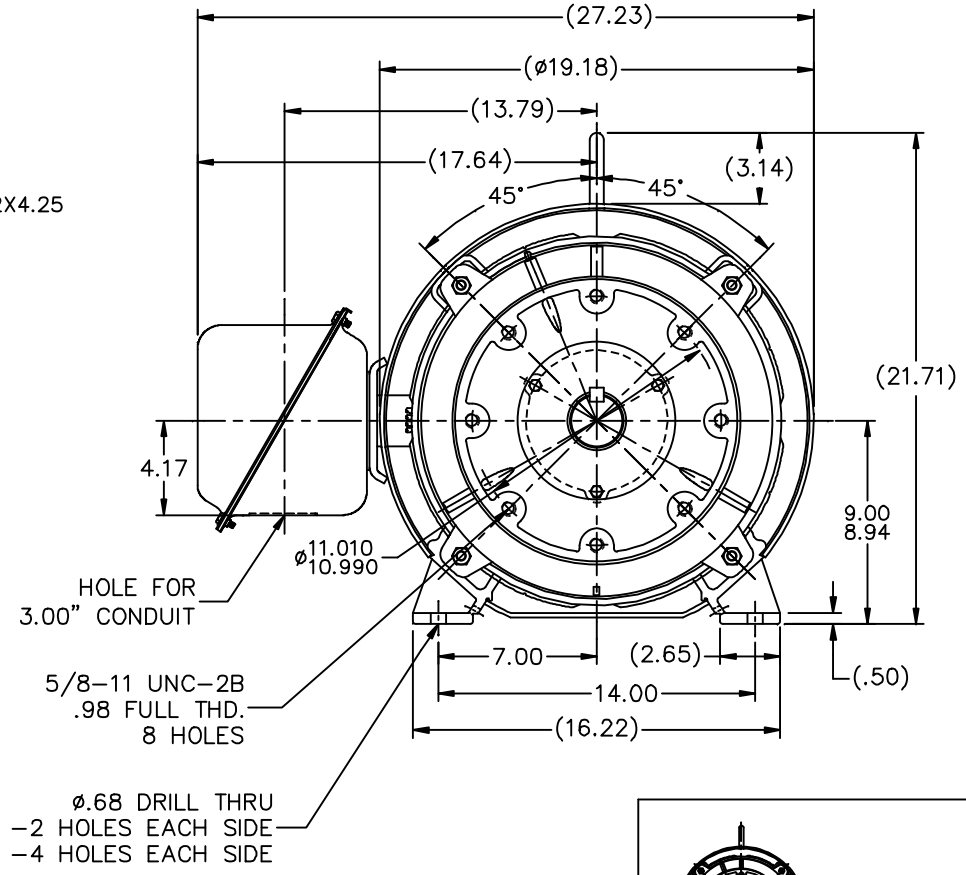
Nameplate Specifications

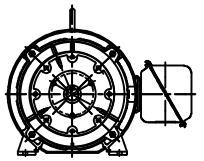
Phase	3	Output HP	50 & 40 Hp
Output KW	37.3 & 29.8 kW	Voltage	230/460 & 190/380 V
Speed	1190 & 988 rpm	Service Factor	1.25 & 1.15
Frame	365TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	94.1 & 93.6 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	138/69 & 135/67.5 A	Power Factor	72
Duty	Continuous	Insulation Class	F
Design Code	BC	KVA Code	G
Drive End Bearing Size	313	Opp Drive End Bearing Size	311
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Wye Start Delta Run
Poles	6	Rotation	Reversible
Resistance Main	.095 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Overall Length	32.89 in
Frame Length	17.70 in	Shaft Diameter	2.375 in
Shaft Extension	5.88 in	Assembly/Box Mounting	F1/F2 CAPABLE
Connection Drawing	A-EE7308AA-LN	Outline Drawing	XH2F1SC1-1770







F2 VIEW

1670	364T	31.89	26.27	14.61	11.25	––	––	11.56
1770	365T	32.89	27.27	15.61	12.25	11.25		12.56
DASH	FRAME	C	AG	B	2F	2FF		BS

NO.	REVISION	BY & DATE	CHK
2	UPDATED PER ISAAC# 12–1833	REP 04–25–2012	TB
1	NEW DRAWING CN35344–12	HLB 10–17–2002	HNH

TOLERANCES UNLESS SPECIFIED	
DEC.	INCHES
.X	±.1
.XX	±.03
.XXX	±.005
.XXXX	±.0005
ANG	±7'30"

Lincoln MOTORS

TITLE OUTLINE – NEMA MOTORS
360T FR. –TEFC –C' FACE –U.E. –1

MAT'L.

FINISH

CAD FILE xh2f1sc1

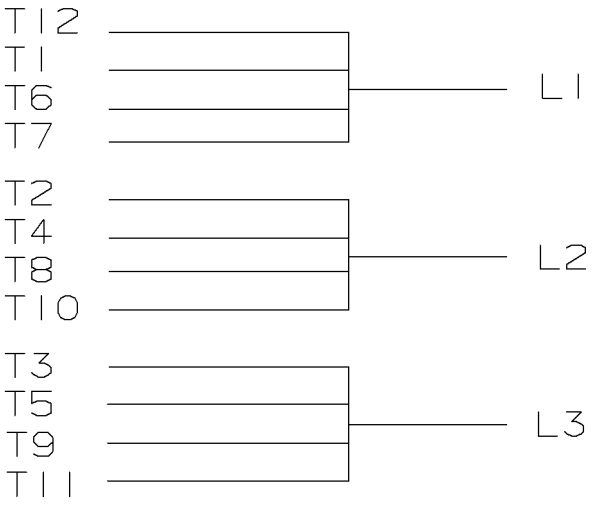
RFP 10–17–2002

DIST BY

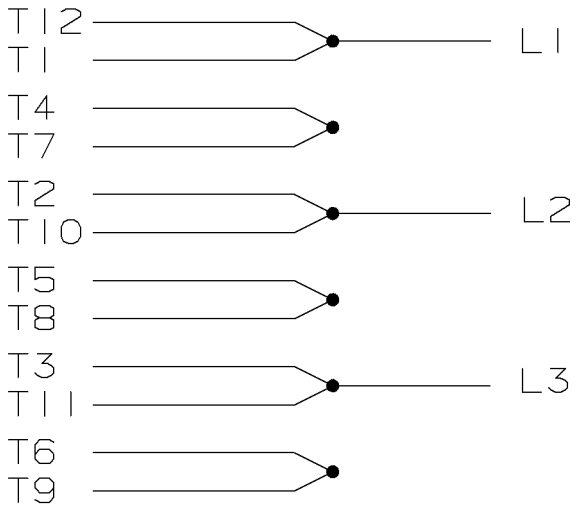
DRAWN	HLB 10–17–2002
CHK	ML 10–17–2002
APPD	HNH 10–17–2002
SCALE	1=6
REF	
FMF	
PREV	

SIZE	DRAWING NO.	PAGE 1 OF 1	REV.
B	XH2F1SC1		2

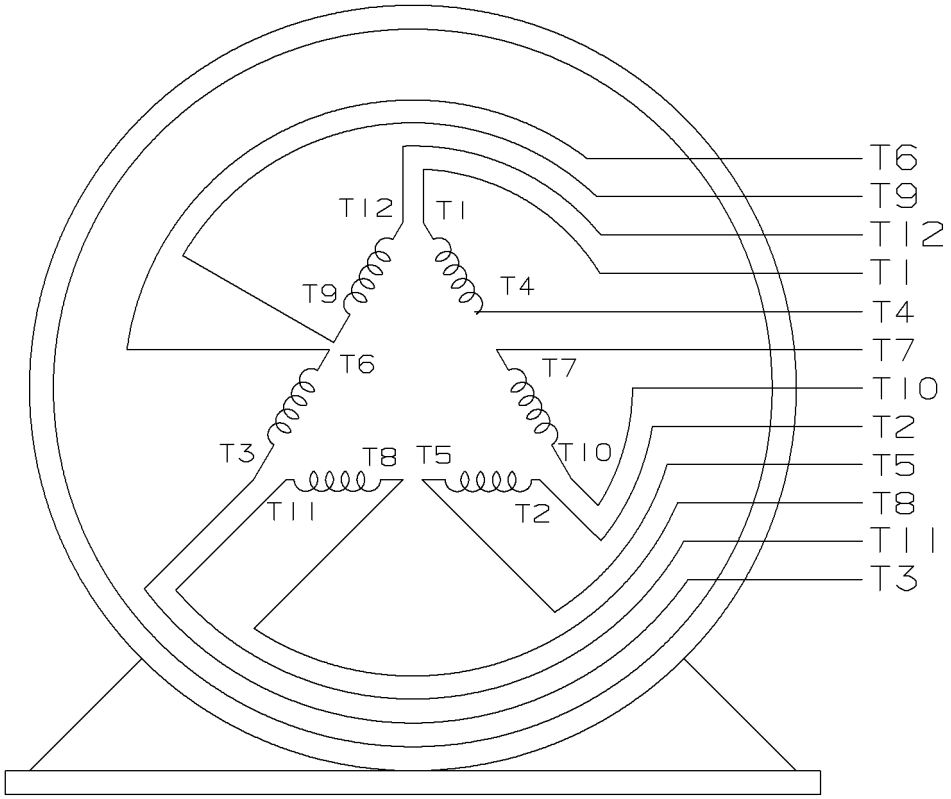
A- EE7308AA-LN



LOW VOLTAGE



HIGH VOLTAGE



VIEW OF TERMINAL END

REV	DATE	CHANGE	NAME
2	08-09-1999	RE-ISSUE, ADDED '-' TO PART NUMBER	BLR
1	06-18-1999	NEW DRAWING	TRB

Lincoln MOTORS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOL. ON XX± .02 XXX± .005 XXXX± .0005 ANGLES± 7'30"

MAX. SURFACE ROUGHNESS UNLESS OTHERWISE NOTED

FINISH

MATERIAL

DRAWN BY	TRB	07-16-1999
CHKD BY	ML	06-18-1999
APPD BY	GK	06-18-1999

PART NAME 3 PHASE CONNECTION DIAGRAM
2/1 DELTA - 12 LEADS

DRWG NO A- EE7308AA-LN

PURCHASED | CADD FILE NO. EE7308AALN

8/25/2007 12:50:38 PM -

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ERROR: undefined
OFFENDING COMMAND: Pscrip

STACK:
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Data Sheet

Date: 2/1/2018

LEESON

LM15568

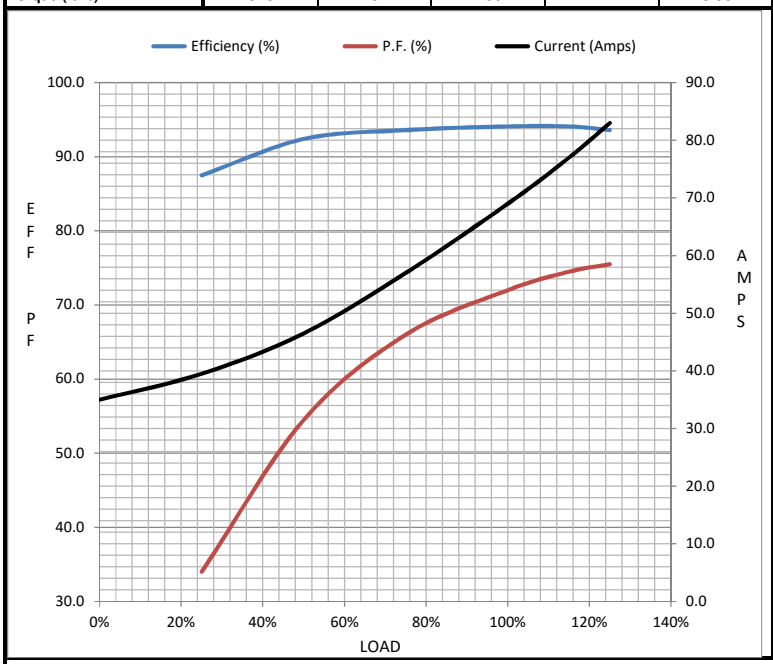
Data @ 460 V

Motor Load Data

Load	0%	25%	50%	75%	100%	115%	125%	LR	
Current (Amps)	35.0	39.5	46.5	57.0	69.0	77.0	83.0	362	
Torque (ft-lb)	0.00	55.0	110	165	221	255	278	520	
RPM	1200	1197	1194	1191	1190	1,185	1184	0	
Efficiency (%)		87.5	92.4	93.6	94.1	94.1	93.6		
P.F. (%)	4.5	34.0	54.5	66.0	72.0	74.5	75.5	37.5	

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	600	1100	1190	1200
Current (Amps)	362	327	230	69.0	35.0
Torque (ft-lb)	520	494	480	221	0.00



Information Block

HP	50.0	
Sync. RPM	1200	
Frame	365	
Enclosure	TEFC	
Construction	TFR	
Voltage	230/460#190/380	V
Frequency	60	Hz
Design	B	
LR Code letter	G	
Service Factor	1.15	
Temp Rise @ FL	70	° C
Duty	CONT	
Ambient	40	° C
Elevation	1,000	feet
Rotor/Shaft wk²	0.00	Lb-Ft²
Ref Wdg	L3656015 NONE	
Sound Pressure @ 1M	999	dBA
VFD Rating	NONE	
Outline Dwg	XH2F1SC1-1770	
Conn. Diag	A-EE7308AA-LN	

Additional Specifications:

0

0

EQUIV CKT (OHMS / PHASE)

R1	R2	X1	X2	Xm
0.0680	0.0450	0.4080	0.7650	7.3140

Speed -Torque Curve