PRODUCT INFORMATION PACKET

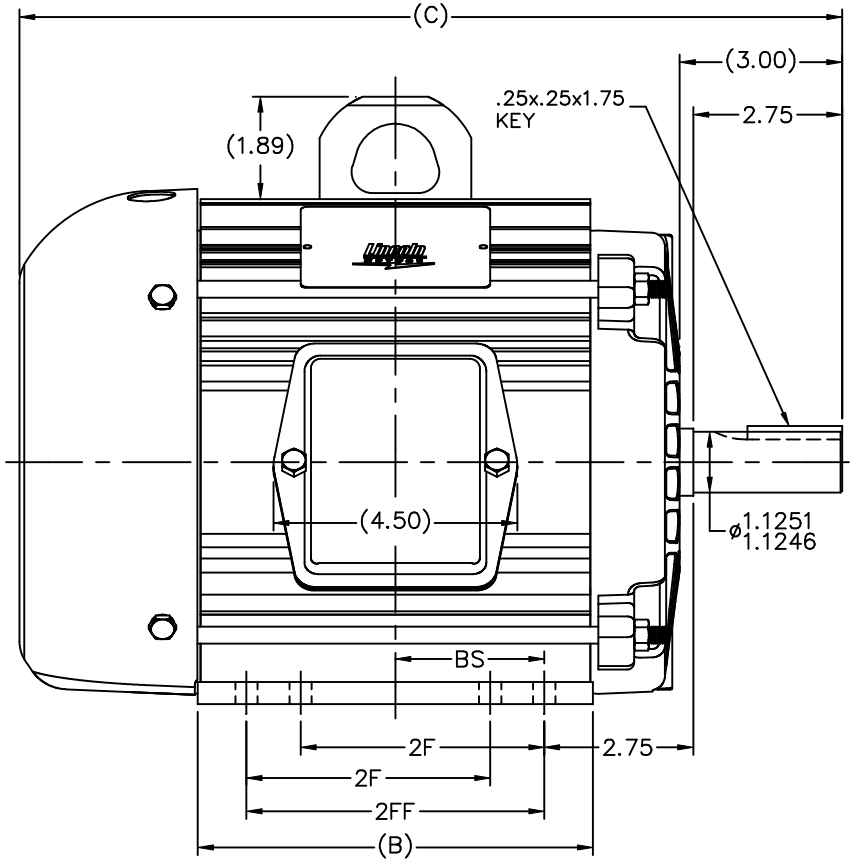
Model No: LM15634
Catalog No: LM15634
OBSOLETE - REPLACED BY LM15646 - 3,3600,TEFC,182T,3/60/230/460

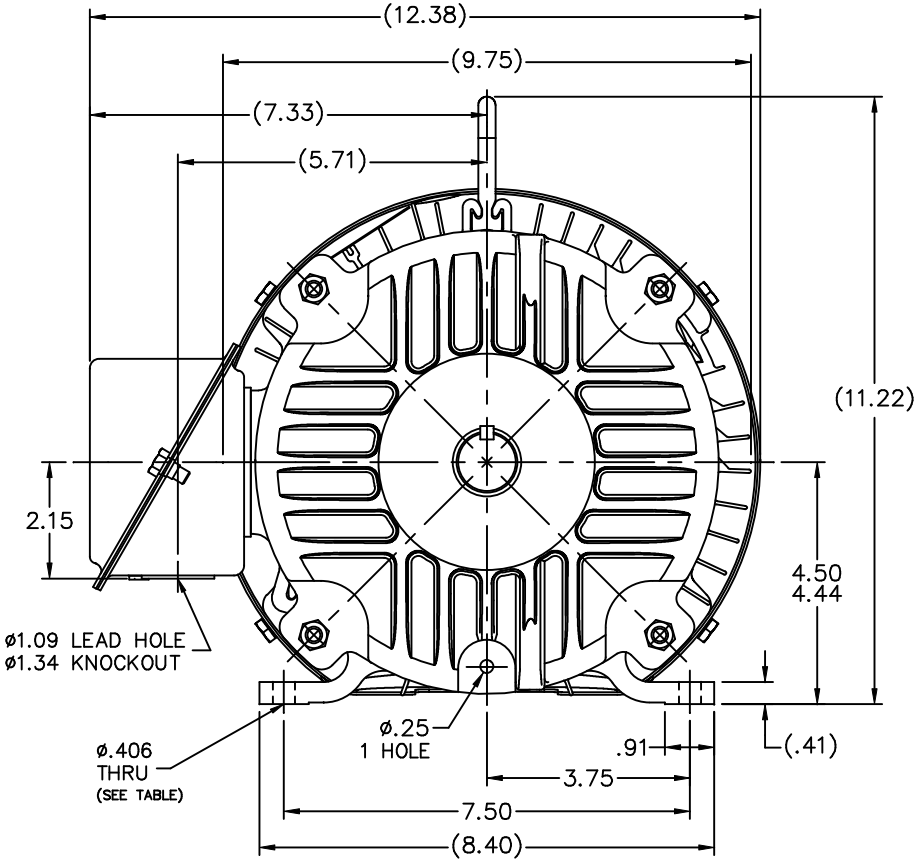
Nameplate Specifications

Phase	3	Output HP	3 & 3 Hp
Output KW	2.2 & 2.2 kW	Voltage	230/460 & 190-208/380-415 V
Speed	3480 & 2870 rpm	Service Factor	1.25 & 1.15
Frame	182T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	85.5 & 84 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	7.4/3.7 & 9-8.2/4.5-4.1 A	Power Factor	88.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	J
Drive End Bearing Size	207	Opp Drive End Bearing Size	205
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	2	Rotation	Reversible
Resistance Main	3.9 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Aluminum
Shaft Type	T	Assembly/Box Mounting	F1/F2 CAPABLE
Inverter Load	VARIABLE 10:1		
Outline Drawing	B-SS601006LN-620	Connection Drawing	A-EE7308-LN





NOTES:
1. CONDUIT BOX BE ROTATED IN 90° STEPS.
2. NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

DASH	FR.	C	BS	B	2FF	2F	FOOT HOLE
620	182T	14.19	2.25	6.30	4.50	---	4
720	182/4T	15.19	2.75	7.30	5.50	4.50	8
720	184T	15.19	2.75	7.30	5.50	---	4
820	184T	16.19	3.25	8.30	---	5.50	8

NO.	REVISION	BY & DATE	CHK
12	REVISED 'B' DIMENSION IN DASH TABLE ECN 14167	MSG 8/19/2009	BW
11	DE EXTN WAS 3.1 CHANGED TO 3.0	SVL 7/22/2009	ML
10	REVISED DASH TABLE INFORMATION CN 32829	DRS 09-10-2004	ML
9	REVISED -820, 2FF WAS 5.50 & 2F WAS BLANK	TAT 06-23-2004	ML
8	RE-ISSUE CLARIFIED HOLES	TAT 01-30-2004	ML
7	CHANGED 2F TO 2FF	TAT 01-27-2004	ML

TOLERANCES UNLESS SPECIFIED: DEC. / INCHES; .X ±.1; .XX ±.03; .XXX ±.005; .XXXX ±.0005; ANG ±1/2°

RFP
DIST LB

Lincoln MOTORS

TITLE OUTLINE
180T FR. – TEFC

MAT'L.
FINISH
CAD FILE ss601006ln

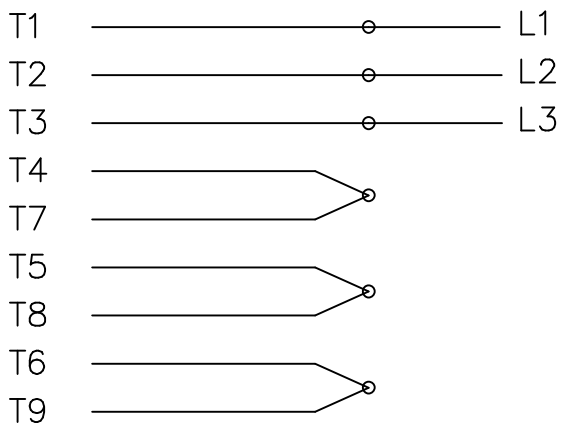
DRAWN BLR 01-13-2000
CHK ML 01-18-2000
APPD GK 01-18-2000
SCALE 7=16
REF
FMF
PREV

SIZE	DRAWING NO.	PAGE OF	REV.
B	SS601006LN		12

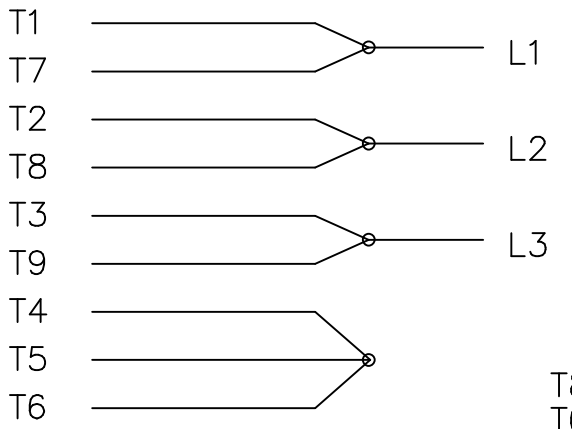
EE7308-LN

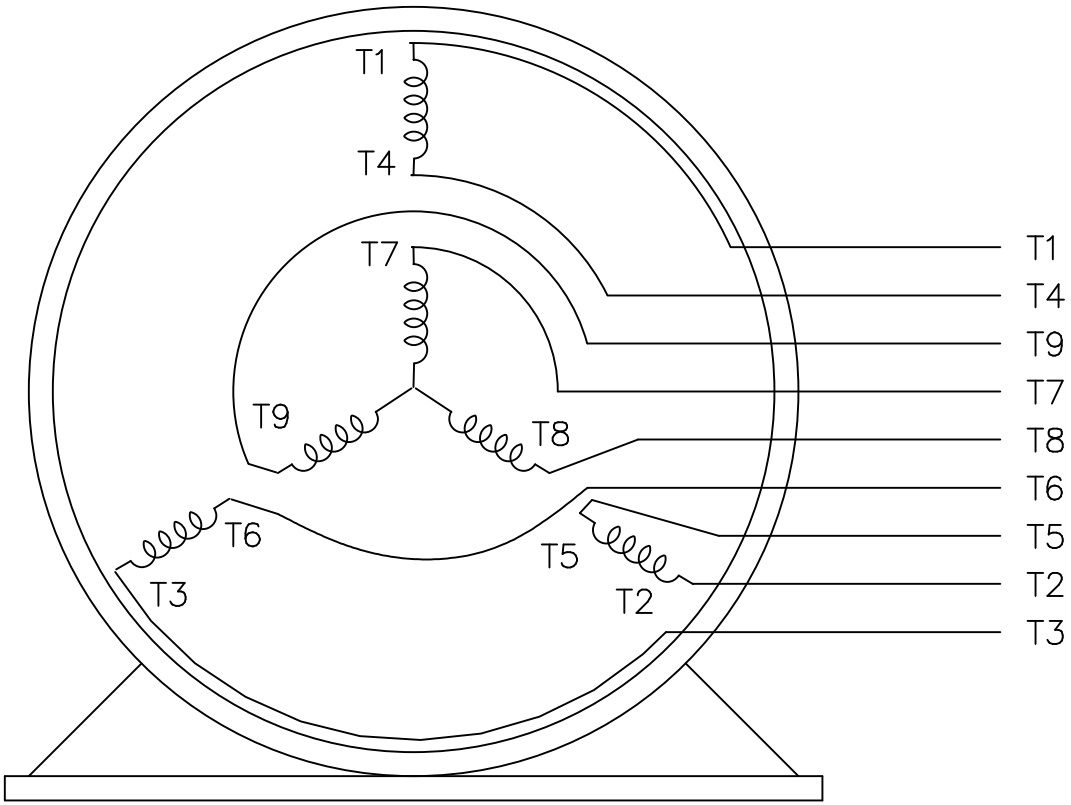
THREE PHASE
DUAL VOLTAGE MOTOR

HIGH VOLTAGE



LOW VOLTAGE





VIEW OF TERMINAL END

REF.
WINDING DIAGRAM

T8Y, T2Y, T2BL, T4BX, T2EC, T2G
T6BZ, T2B, T6BL, T4AV, T6B, T4B

OPTIONAL CORD CONNECTION

L1	WHITE
L2	RED
L3	BLACK

NO.	REVISION	BY & DATE	CHK
3	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS
2	RE-ISSUE, ADDED '-' TO PART NUMBER	BLR 08/09/1999	GK
1	NEW DRAWING	BLR 06/18/1999	GK

TOLERANCES UNLESS SPECIFIED

DEC.	INCHES
.X	±.1
.XX	±.02
.XXX	±.005
.XXXX	±.0005
ANG	±7'30"

Lincoln MOTORS

TITLE CONNECTION DIAGRAM
3ø – DUAL VOLTAGE MOTOR

MAT'L.

FINISH

CAD FILE EE7308LN

RFP

DIST WP

DRAWN	BLR 06/11/1999
CHK	ML 06/18/1999
APPD	GK 06/18/1999
SCALE	1=1
REF	
FMF	
PREV	

SIZE	DRAWING NO. PAGE OF	REV.
A	EE7308-LN	3

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