PRODUCT INFORMATION PACKET

Model No: LM24171
Catalog No: LM24171
Obsolete, use LM24193, 10..1800.215T.ODP.230/460.3.60....1.15...SSD4P10T61AP21

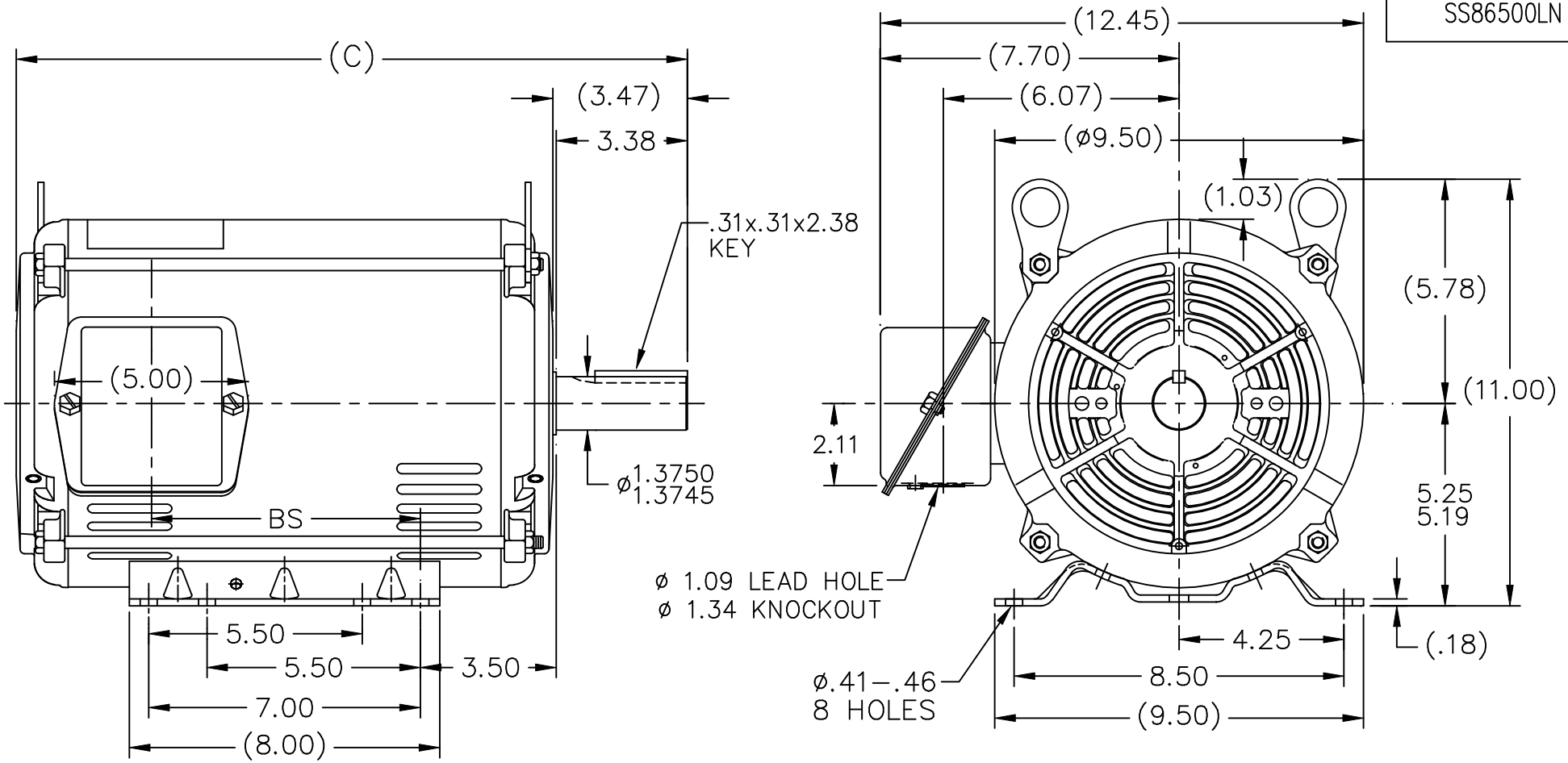
Nameplate Specifications

Phase	3	Output HP	10 & 7.50 Hp
Output KW	7.5 & 5.6 kW	Voltage	208-230/460 & 190/380 V
Speed	1755 & 1460 rpm	Service Factor	1.15 & 1.15
Frame	215T	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	89.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	28-26/13 & 23/11.5 A	Power Factor	82
Duty	Continuous	Insulation Class	B
Design Code	B	KVA Code	H
Drive End Bearing Size	307	Opp Drive End Bearing Size	206
UL	Recognized	CSA	Y
IP Code	12	Number of Speeds	1

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	UNK
Poles	4	Rotation	Reversible
Resistance Main	1.015 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Special Extension	Assembly/Box Mounting	F1 ONLY
Outline Drawing	A-SS86500LN-1115	Connection Drawing	A-EE7308-LN

SS86500LN



DASH	FR.	C	BS	MOUNTING
965	213T	15.79	5.43	
1115	213/15T	17.29	6.93	
1240	213/15T	18.54	8.18	F1 ONLY

NOTES:
1. NAMEPLATE TO BE READ FROM C'BOX SIDE OF MOTOR.
2. BOX CAN BE MOUNTED IN 90° STEPS.
3. BOX WILL BE AT OPPOSITE SIDES IN F2 MOUNTING.
4. BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°. (EXCEPT AS NOTED.)

NO.	REVISION	BY & DATE	CHK
5	REISSUE – REVISED BORDER TO LINCOLN LOGO	MSG 11-04-2004	ML
4	REMOVED DASH 965 FROM SERIES CN38252	RWR 07-20-2004	ML
3	UPDATED 'C' DIMS PER ACTUAL PARTS CN29200-320	CAV 04-11-2000	ML
2	UPDATED 'C'BOX GEOMETRY CN28425	DRS 01-25-2000	ML
1	NEW DRAWING	TRB 07-20-1999	ML

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

Lincoln MOTORS

TITLE OUTLINE
210T FRAME –BB –TS –DR.PR.

MAT'L.

FINISH

CAD FILE ss86500ln

RFP

DIST LB

DRAWN TRB 07-14-1999
CHK ML 07-20-1999
APPD GK 07-20-1999
SCALE 1=4
REF
FMF
PREV

SIZE A | DRAWING NO. SS86500LN | PAGE 1 OF 1 | REV. 5

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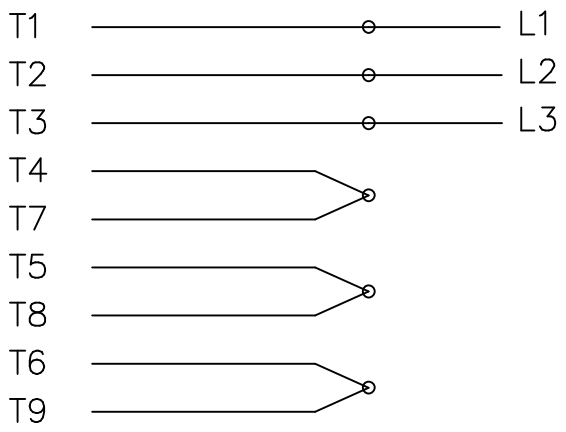
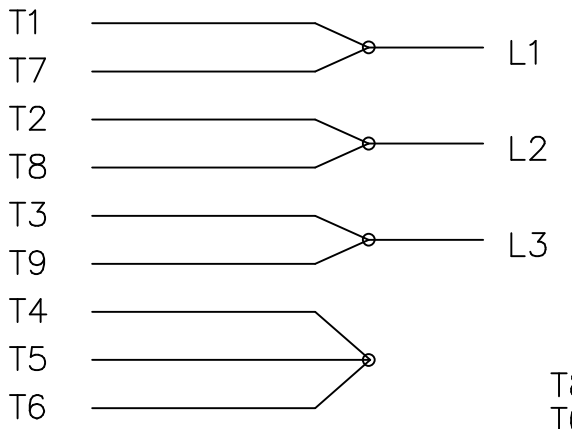
EE7308-LN

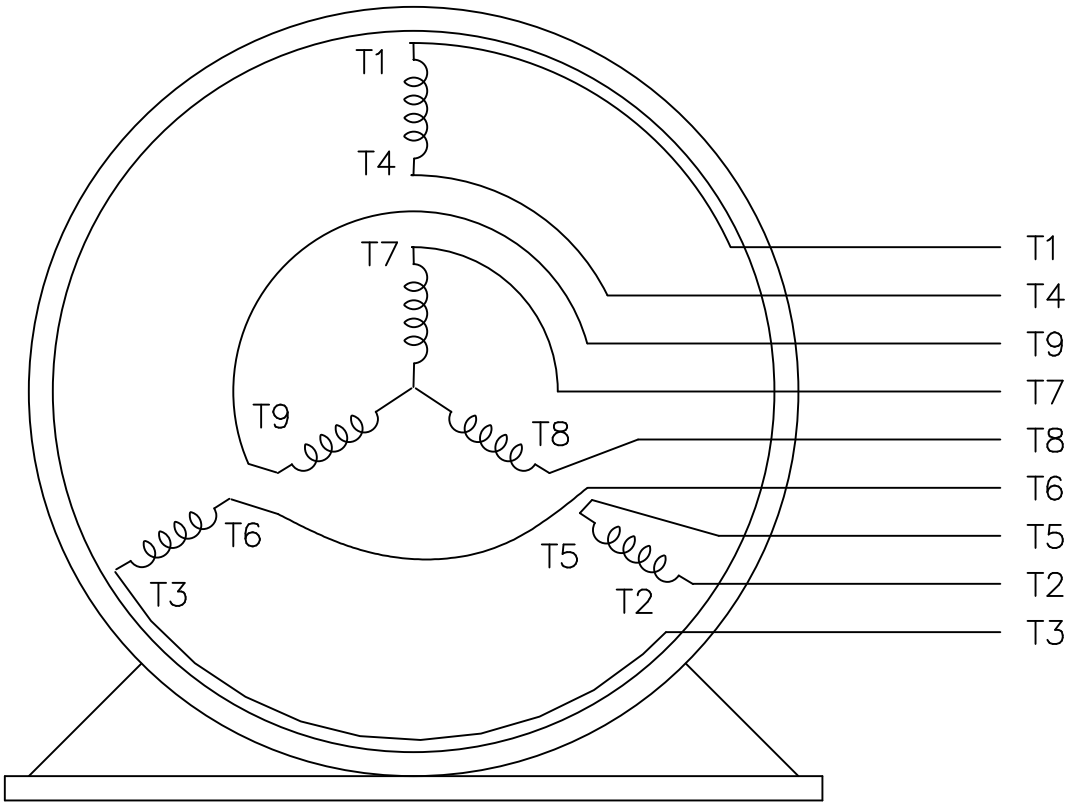
THREE PHASE
DUAL VOLTAGE MOTOR

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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