PRODUCT INFORMATION PACKET

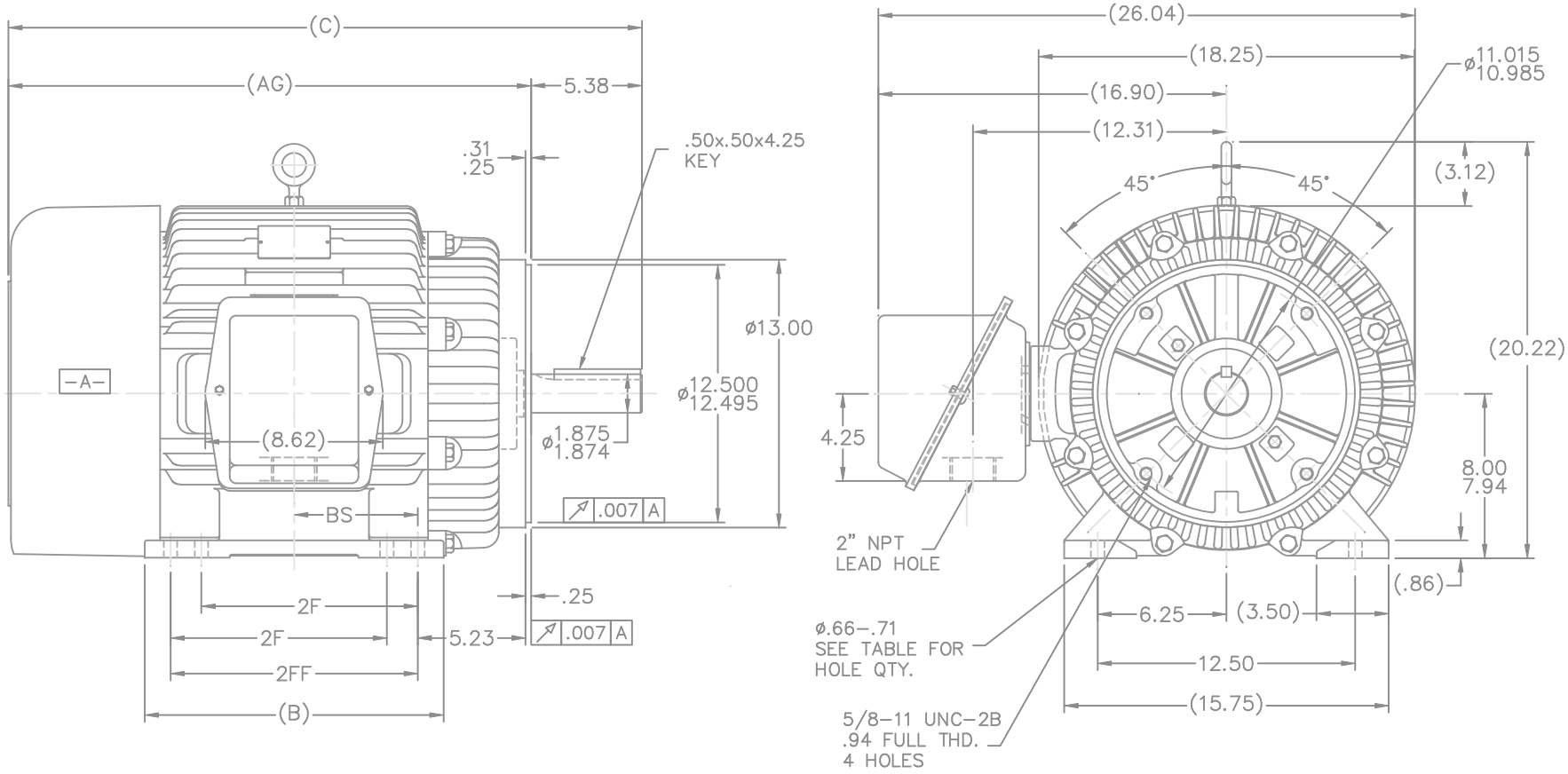
Model No: LM23807
Catalog No: LM23807
OBSOLETE - REPLACED BY LM21857 - 20,1200,TEFC,326UC,3/60/460

Nameplate Specifications

Output HP	20 Hp	Output KW	14.9 kW
Frequency	60 Hz	Voltage	460 V
Current	25.5 A	Speed	1182 rpm
Service Factor	1	Phase	3
Efficiency	92.4 %	Power Factor	78.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Frame	326UC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	65 °C
Drive End Bearing Size	312	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	Across The Line
Poles	6	Rotation	Reversible
Resistance Main	.305 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	U	Assembly/Box Mounting	F1/F2 CAPABLE
Connection Drawing	A-EE7300-LN	Outline Drawing	B-SS301014LN-1300



NOTES:
1. BOX CAN BE ROTATED IN 90° STEPS.
2. BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°
3. NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

DASH	FR.	C	B	BS	AG	2F	2FF	FOOT HOLE QTY	MOUNTING
1150	324UC	32.50	13.00	5.25	23.87	–	10.50	4	F1 OR F2
1300	324/6UC	34.00	14.50	6.00	25.37	10.50	12.00	8	F1 OR F2

NO.	REVISION	BY & DATE	CHK
3	ADDED FOOT HOLE QTY. & MTG. TO TABLE CN 37323	TAT 12-09-2003	ML
2	RE-ISSUE ADDED LN TO PART NUMBER	HLB 10-11-2000	
1	NEW DRAWING MU33907	HLB 10-10-2000	

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

Lincoln MOTORS

DRAWN HLB 10-09-2000
CHK ML 10-10-2000
APPD TB 10-10-2000
SCALE 3=16
REF
FMF
PREV

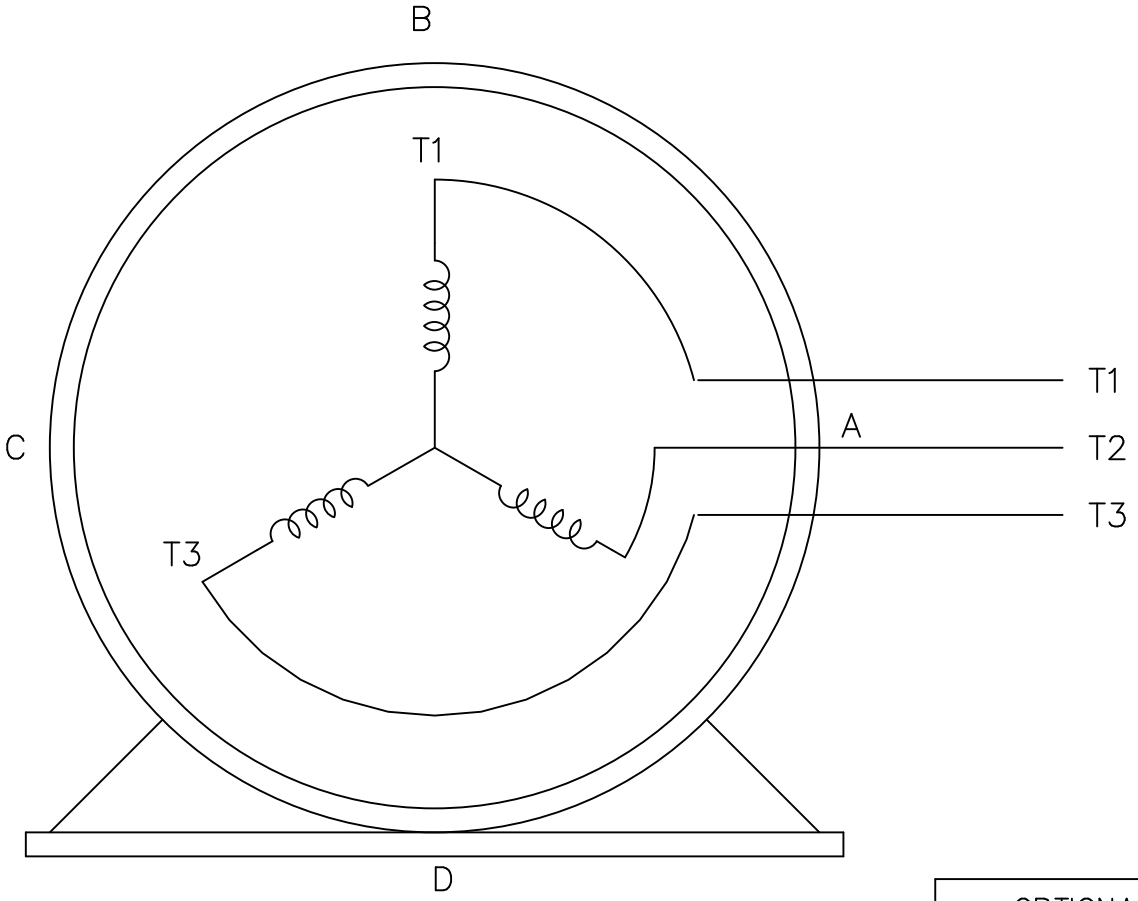
TITLE OUTLINE
320U FR. – BB – TEFC
MAT'L.
FINISH
CAD FILE ss301014ln
RFP
DIST LB

SIZE B | DRAWING NO. SS301014LN | PAGE OF | REV. 3

EE7300-LN

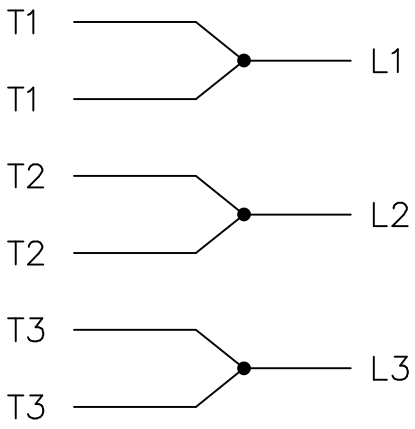
THREE PHASE – SINGLE VOLTAGE
MOTOR – CONDUIT BOX @ 'A'

TO REVERSE ROTATION:
INTERCHANGE ANY TWO LINE
LEAD CONNECTIONS



VIEW OF TERMINAL END

IF MOTOR HAS
6 LEADS



A–9806 DECAL

OPTIONAL CORD CONNECTION

L1	WHITE
L2	RED
L3	BLACK

NO.	REVISION	BY & DATE	CHK
2	ADDED OPTIONAL CORD CONNECTION PER MU47226	CTO 03-31-2004	PJB
1	NEW DRAWING	CTO 08-13-1999	

TOLERANCES UNLESS SPECIFIED

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

Lincoln MOTORS

TITLE CONNECTION DIAGRAM
SINGLE VOLT – 3ø MOTOR

MAT'L.

FINISH

CAD FILE EE7300_LN

RFP

DIST WP

DRAWN	BLR 08-13-1999
CHK	ML 08-13-1999
APPD	GK 08-13-1999
SCALE	1=1
REF	
FMF	
PREV	

SIZE A | DRAWING NO. EE7300-LN | PAGE OF | REV. 2

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