PRODUCT INFORMATION PACKET

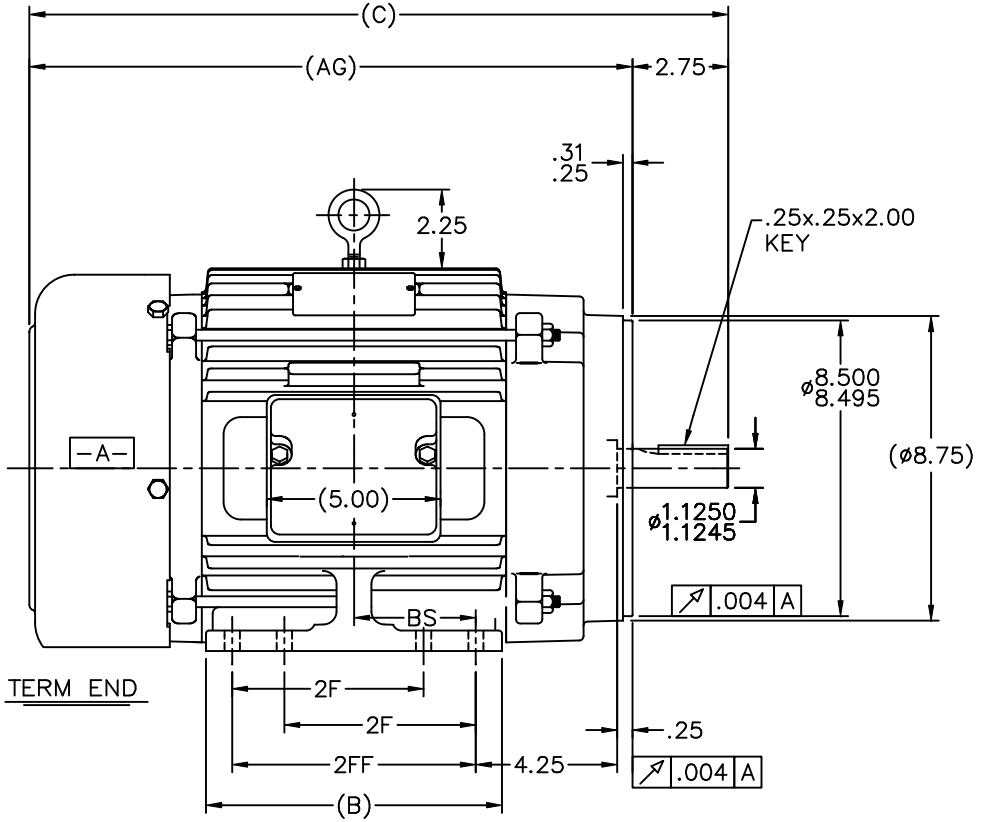
Model No: LM23778
Catalog No: LM23778
OBSOLETE - REPLACED BY LM21841 - 3,1200,TEFC,215UC,3/60/460

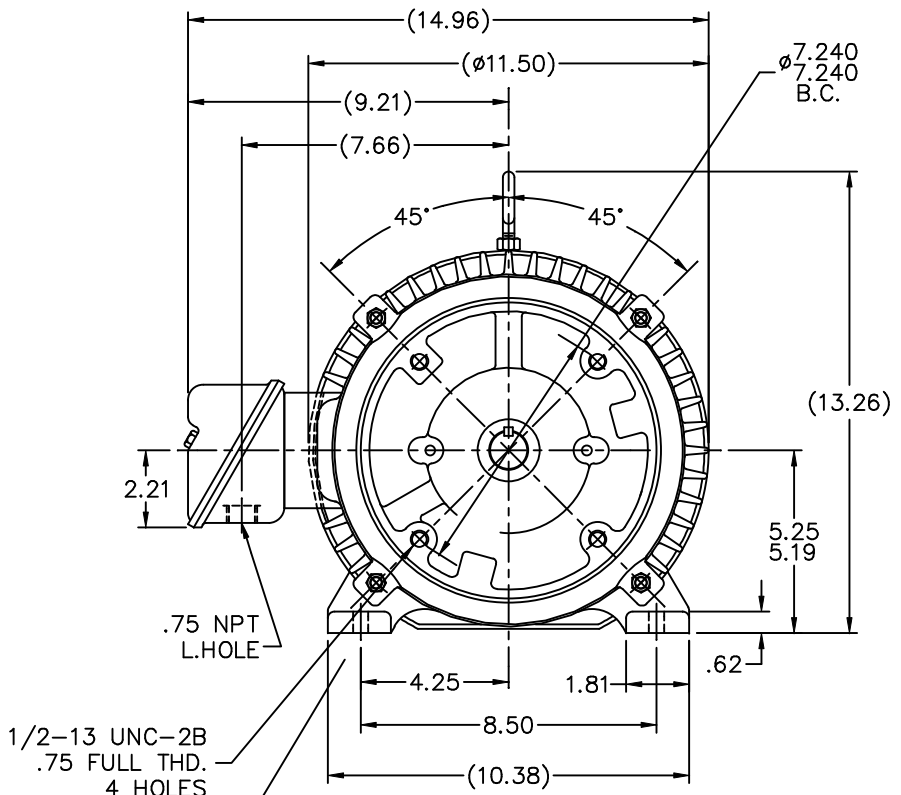
Nameplate Specifications

Output HP	3 Hp	Output KW	2.2 kW
Frequency	60 Hz	Voltage	460 V
Current	4.4 A	Speed	1170 rpm
Service Factor	1	Phase	3
Efficiency	88.5 %	Power Factor	70
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	K
Frame	215UC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	65 °C
Drive End Bearing Size	309	Opp Drive End Bearing Size	206
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	2.785 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	A-SS88249LN-875





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	FRAME	C	AG	B	2F	2FF	BS	FOOT HOLE QTY.
725	213UC	18.58	15.83	7.00	–	5.50	2.73	4
875	213/15UC	20.08	17.33	8.50	5.50	7.00	3.50	8

NO.	REVISION	BY & DATE	CHK
4	UPDATED DIM'S & TABLE FOR FOOT HOLES CN 38308	TAT 06-21-2005	ML
3	REVISED C' BOX WAS 3.75" WIDE CN 28426	RJW 01-07-2005	
2	CORRECTED DASH 725 C DIM WAS 21.58 CN29200-1013	BJW 10-27-2000	
1	NEW DRAWING MU32711	DRS 08-14-2000	

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

Lincoln MOTORS

TITLE OUTLINE
210UC FR. – BB – TEFC – C' FACE

MAT'L.
FINISH
CAD FILE ss88249ln

DRAWN DRS 08-08-2000
CHK ML 08-08-2000
APPD TB 08-14-2000
SCALE 9=32
REF
FMF
PREV

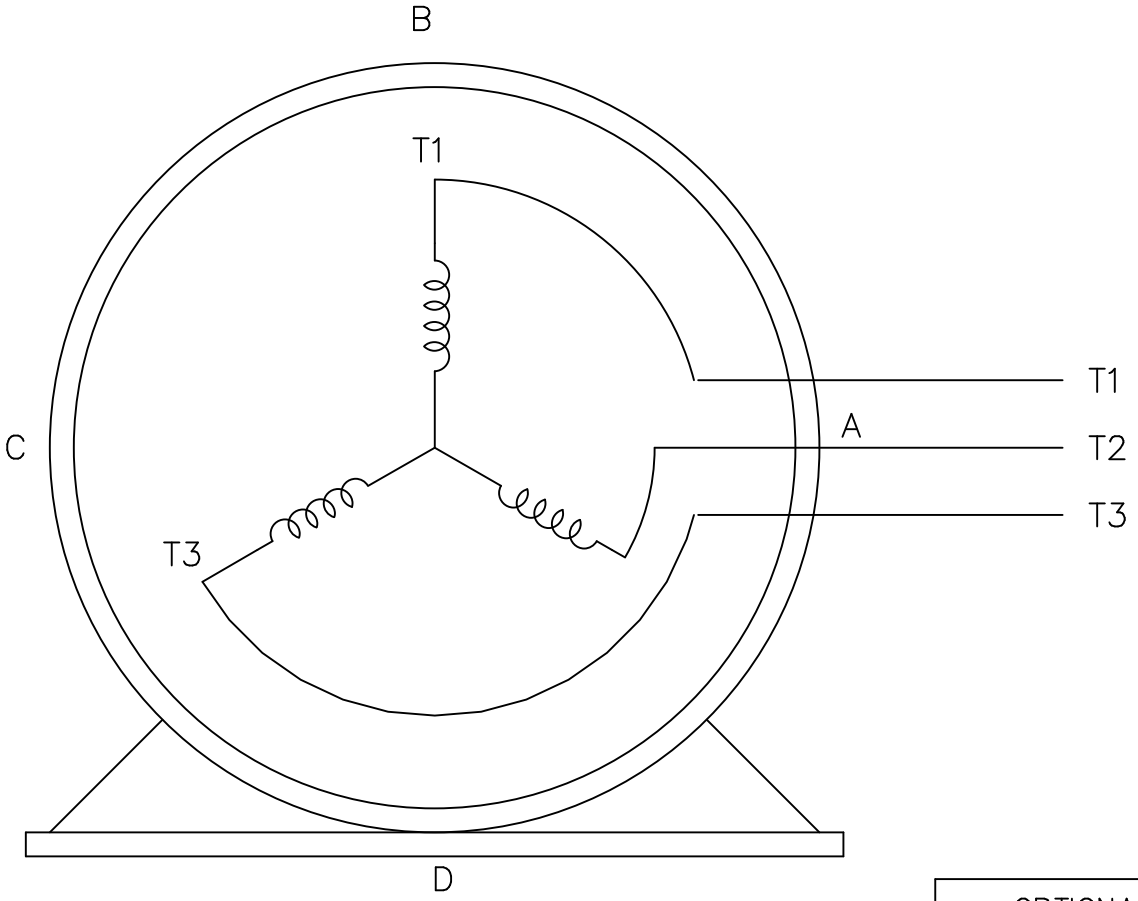
SIZE B | DRAWING NO. SS88249LN | PAGE OF | REV. 4

RFP
DIST LB

EE7300-LN

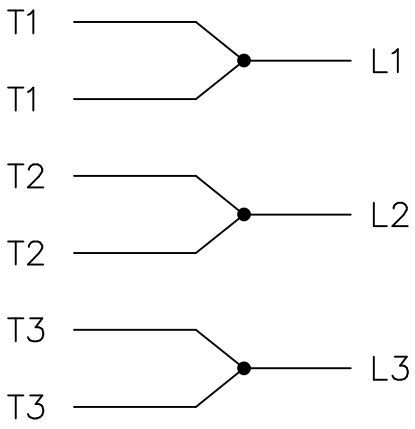
THREE PHASE – SINGLE VOLTAGE
MOTOR – CONDUIT BOX @ 'A'

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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