PRODUCT INFORMATION PACKET

Model No: LM16301
Catalog No: LM16301
Obsolete in the US,
replaced by LM34166 - 10HP..1800RPM.215TC.TEFC.230/460V.3PH.60HZ.CONT.NOT.40C.1.25SF.C-FACE..

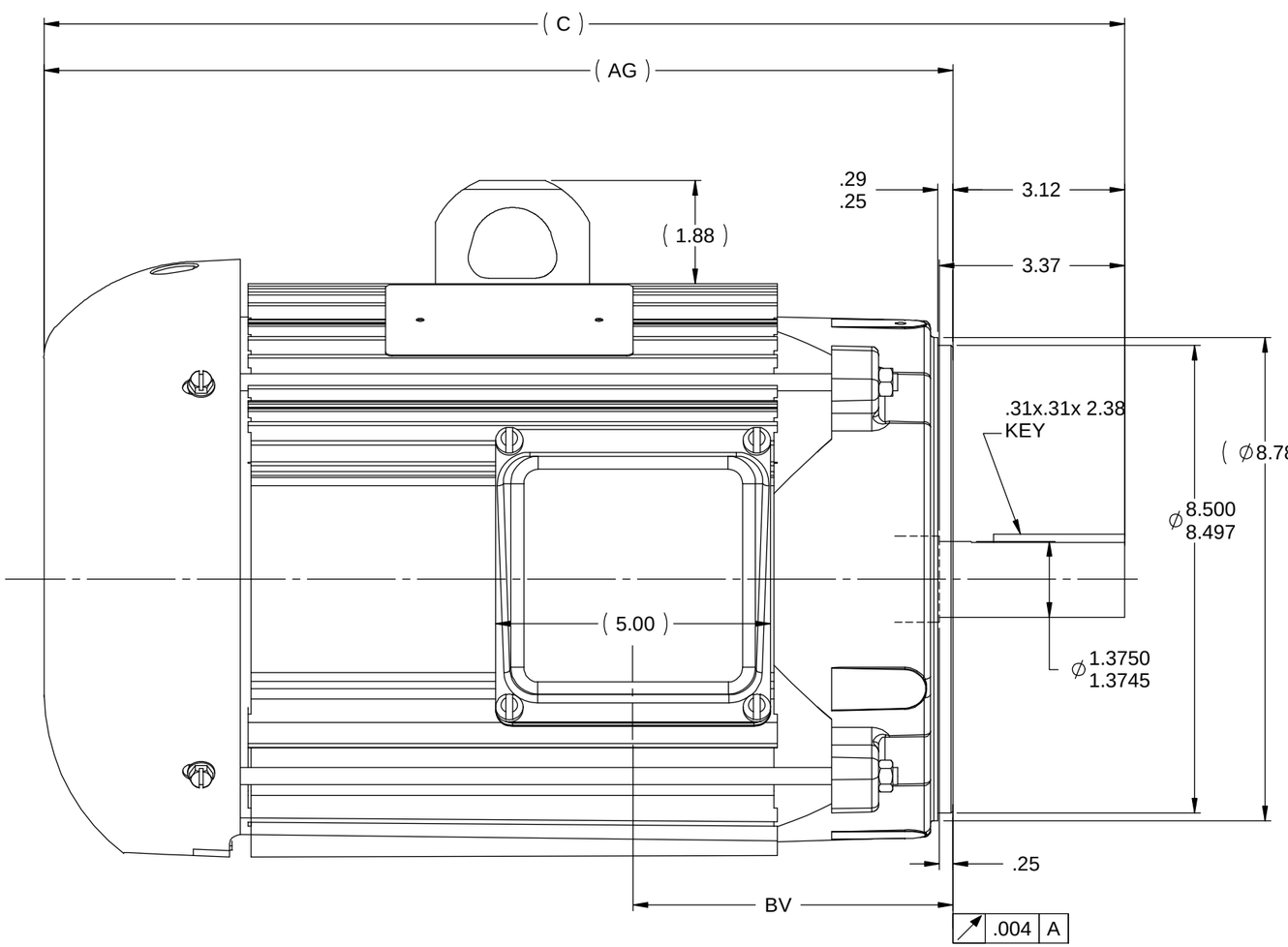
Nameplate Specifications

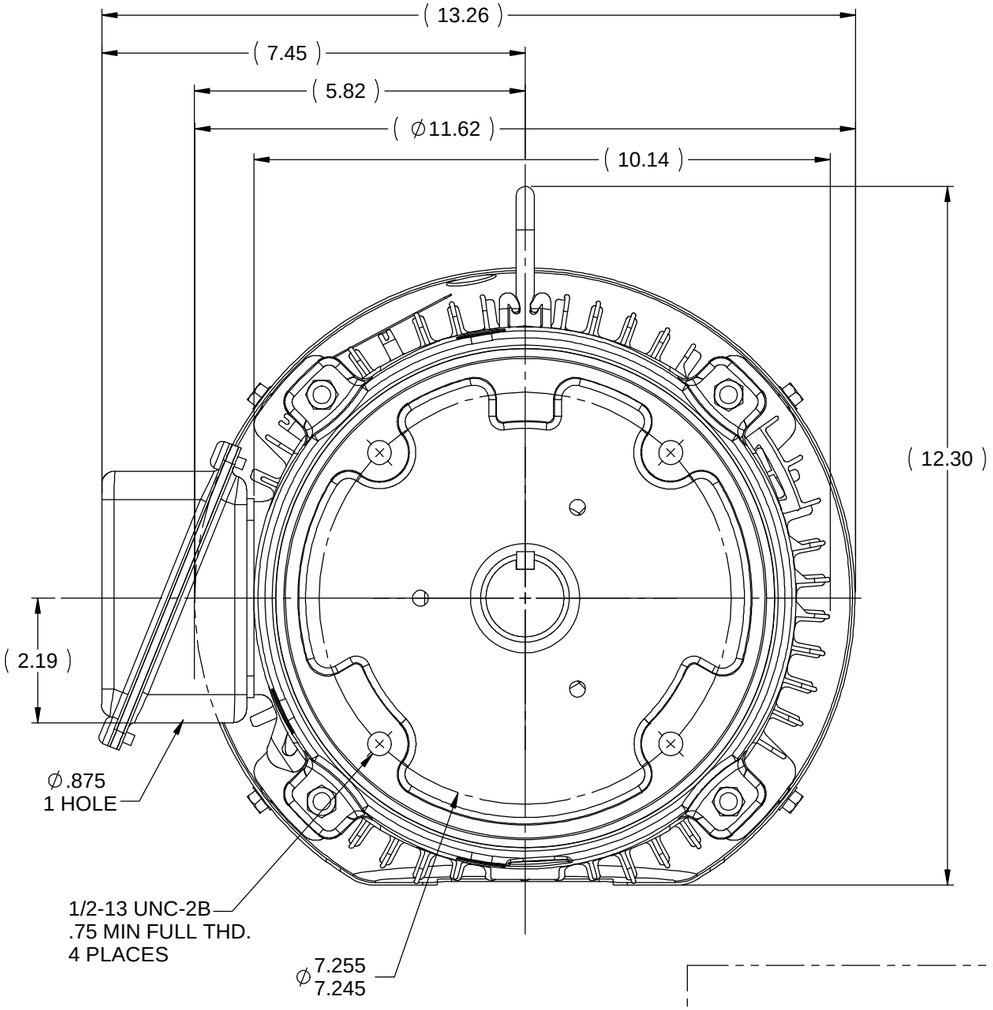
Phase	3	Output HP	10 & 10 Hp
Output KW	7.5 & 7.5 kW	Voltage	230/460 & 208/415 V
Speed	1745 & 1440 rpm	Service Factor	1.25 & 1.0
Frame	215TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	89.5 & 86.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	27/13.5 & 31/15.5 A	Power Factor	78
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	208	Opp Drive End Bearing Size	206
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

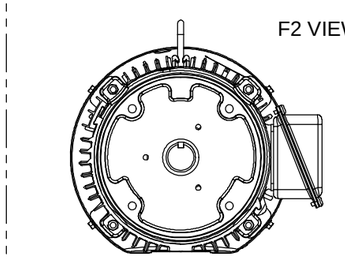
Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	1.16 Ohms	Mounting	Round
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-SS330122LN-950	Connection Drawing	A-EE7308-LN

SS330122LN







NOTES:
1- BOX CAN BE ROTATED IN 90° STEPS.
2- NAMEPLATE TO BE READ FROM C'BOX SIDE OF MOTOR.

DASH	FRAME	C	AG	BV
800	215TC	18.13	15.01	5.81
950	215TC	19.63	16.51	5.81
1050	215TC	20.63	17.51	5.81

NO	REVISION	BY & DATE	CHK
3	ADDED TOLERANCE TO C-FACE	NK 09-25-2018	ST
2	CORRECTED AG & BV 08-0059	RWR 01-08-2008	ML
1	SWITCH 'BV' AND 'AG' LABELS ECN8850	RWR 07-05-2006	ML

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

Lincoln MOTORS

TITLE OUTLINE NEMA MOTORS
210T0 FR. - TEFC - FOOTLESS
MAT'L
FINISH
CAD FILE SS330122LN

DRAWN MJK 08-29-05
CHK DRS 08-29-05
APPR DRN 08-29-05
SCALE 1:2.66667
REF
FMF
PREV

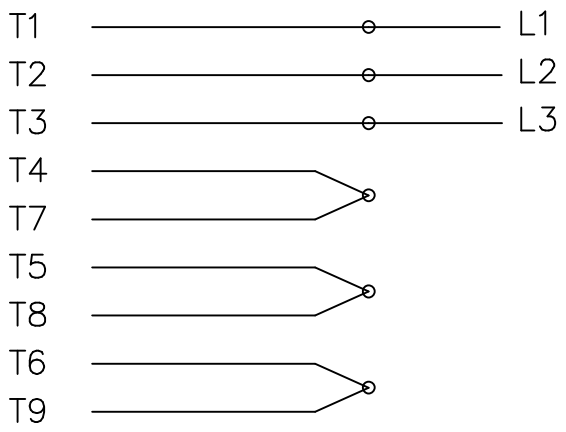
RFP
DIST LB

SIZE B
DRAWING NO SS330122LN
REV 3

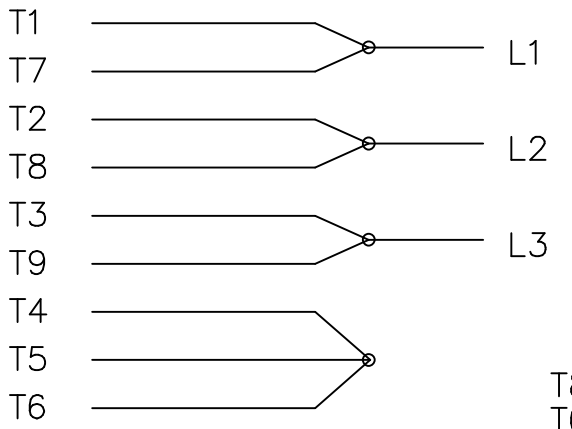
EE7308-LN

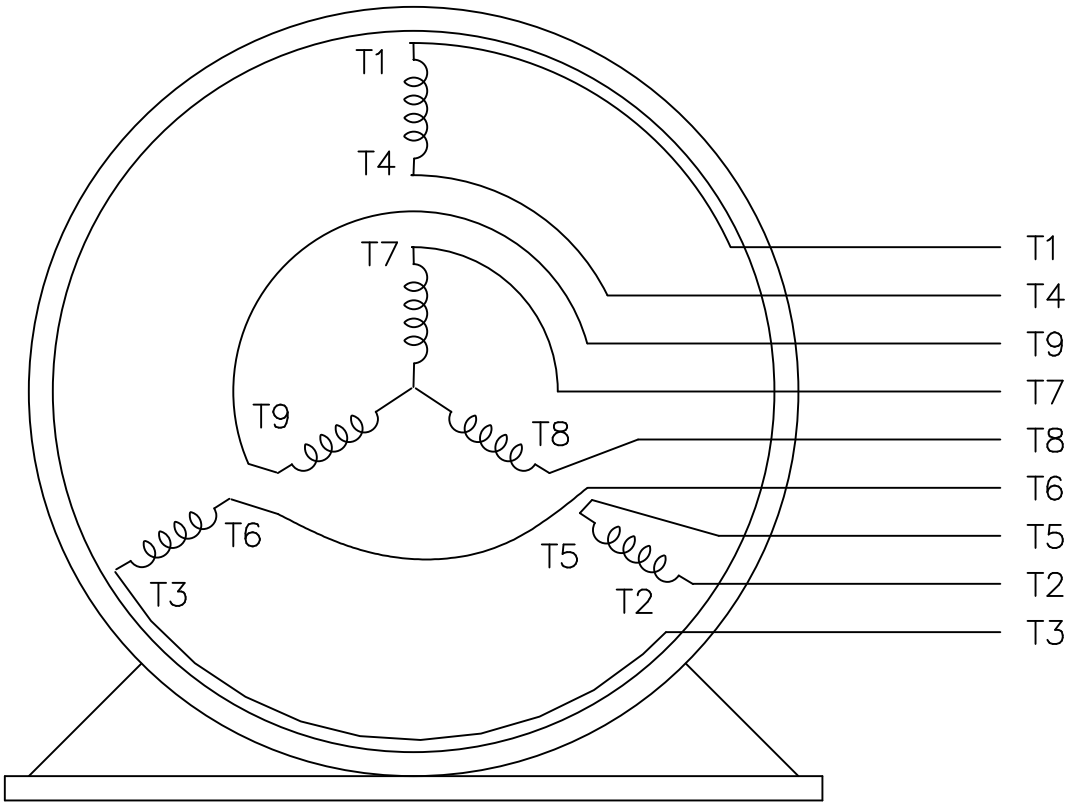
THREE PHASE
DUAL VOLTAGE MOTOR

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

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