PRODUCT INFORMATION PACKET

Model No: LM16890
Catalog No: LM16890
OBSOLETE - 5,1800,TEFC,184TC,3/60/230/460

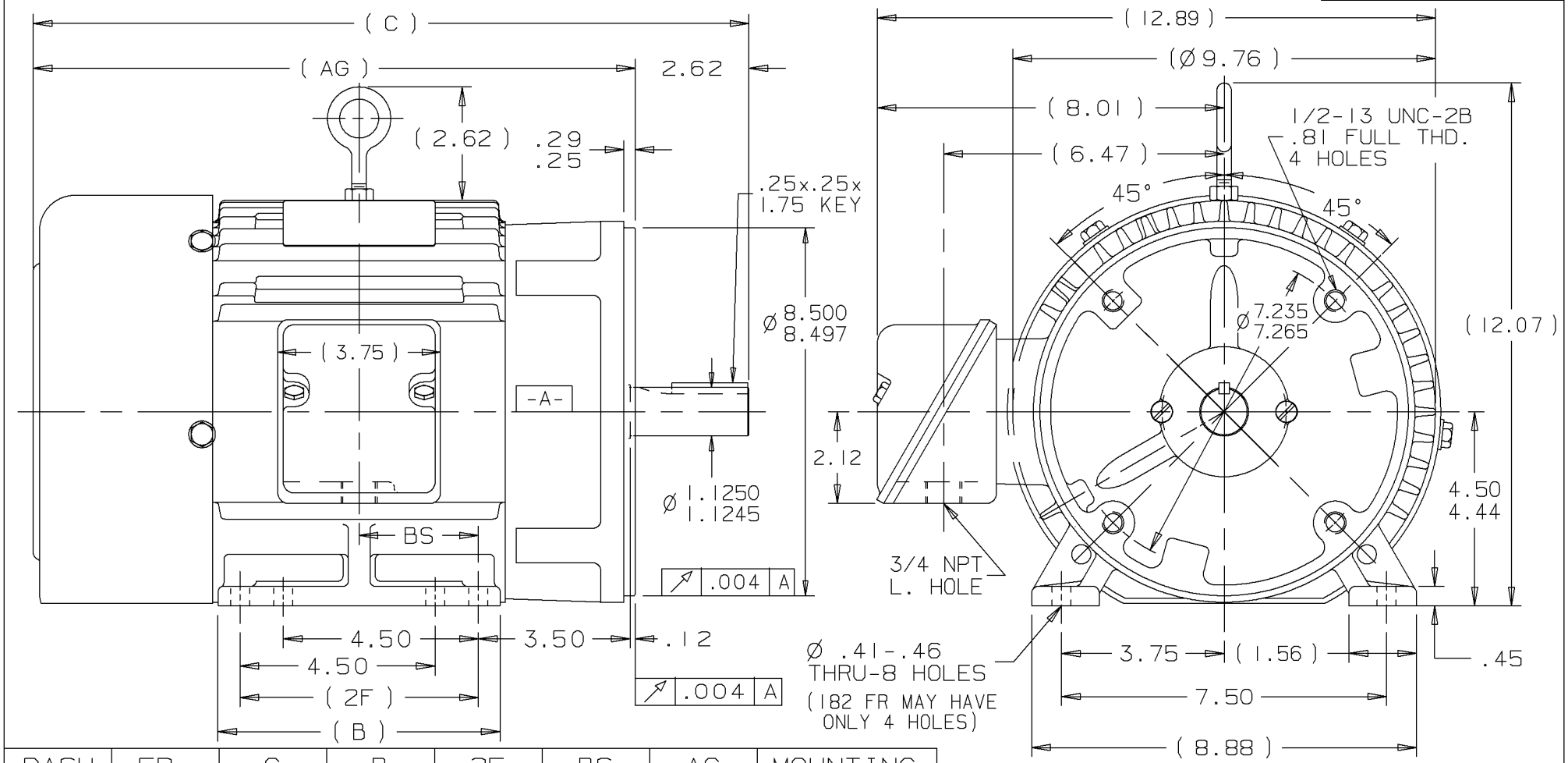
Nameplate Specifications

Phase	3	Output HP	5 & 3 Hp
Output KW	3.7 & 2.2 kW	Voltage	230/460 & 190/380 V
Speed	1760 & 1470 rpm	Service Factor	1.25 & 1.0
Frame	184TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	87.5 & 87.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	12.4/6.2 & 9.6/4.8 A	Power Factor	85
Duty	Continuous	Insulation Class	F
Design Code	C	KVA Code	J
Drive End Bearing Size	207	Opp Drive End Bearing Size	205
UL	Recognized	CSA	Y
CE	Y	IP Code	54
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	2.5 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	A-SS65993LN-675	Connection Drawing	A-EE7308-LN

A- SS65993LN



DASH	FR.	C	B	2F	BS	AG	MOUNTING
575	182TC	15.94	5.50	4.50	2.25	13.32	F1 ONLY
675	182TC	16.94	6.50	5.50	2.75	14.32	F1 ONLY
675	184TC	16.94	6.50	5.50	2.75	14.32	F1 OR F2

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

REV	DATE	CHANGE	NAME
1	01-05-2001	NEW DRAWING MU1349910	NJS

Lincoln MOTORS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOL. ON XX± .03 XXX± .005 XXXX± .0005 ANGLES± 7'30"

MAX. SURFACE ROUGHNESS UNLESS OTHERWISE NOTED
FINISH
MATERIAL

DRAWN BY	NJS	01-05-2001
CHKD BY	ML	01-05-2001
APPD BY	GK	01-05-2001

PART NAME OUTLINE
180T FR. - BB - TS - TEFC - 'C'FACE

DRWG NO A- SS65993LN

PURCHASED | CADD FILE NO. SS65993LN

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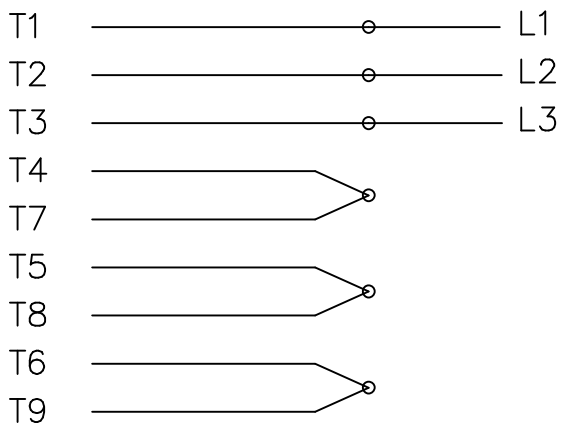
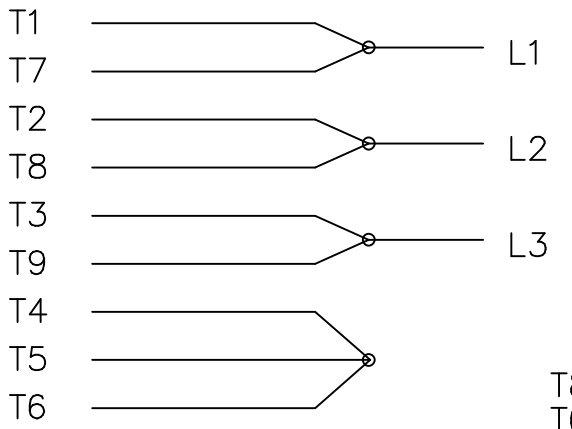
EE7308-LN

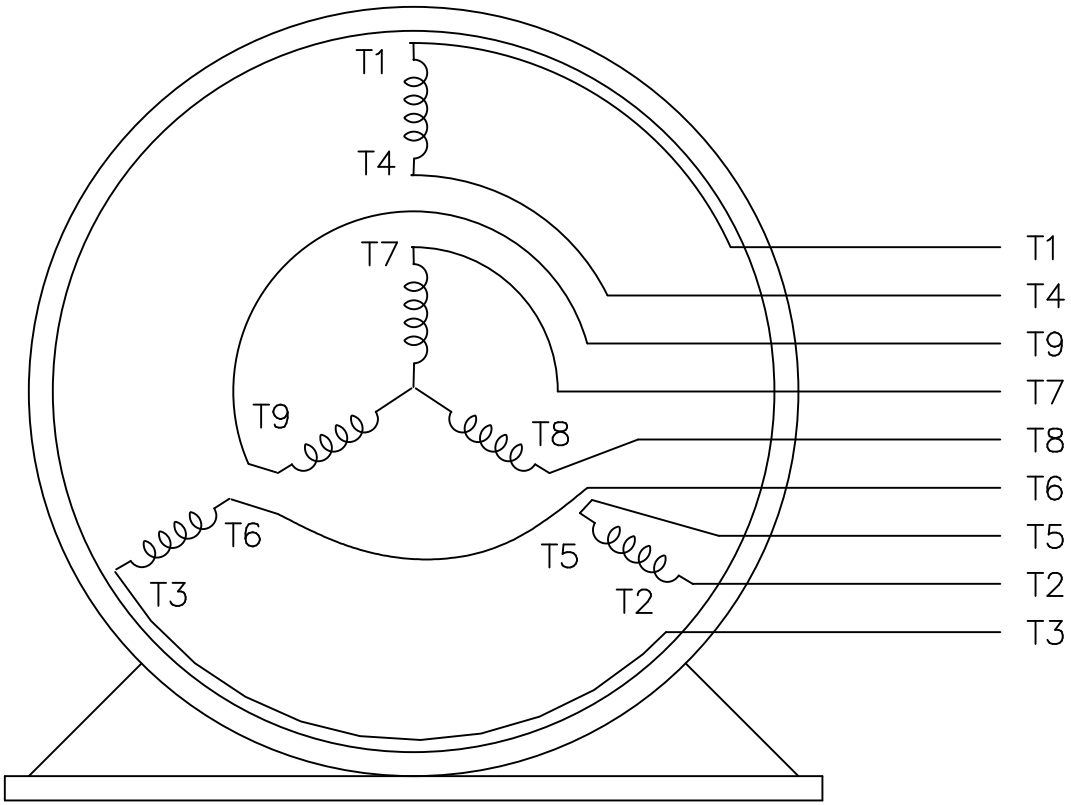
THREE PHASE
DUAL VOLTAGE MOTOR

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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