PRODUCT INFORMATION PACKET

Model No: LM24409
Catalog No: LM24409
5,1800,TEFC,184TC,3/60/230/460

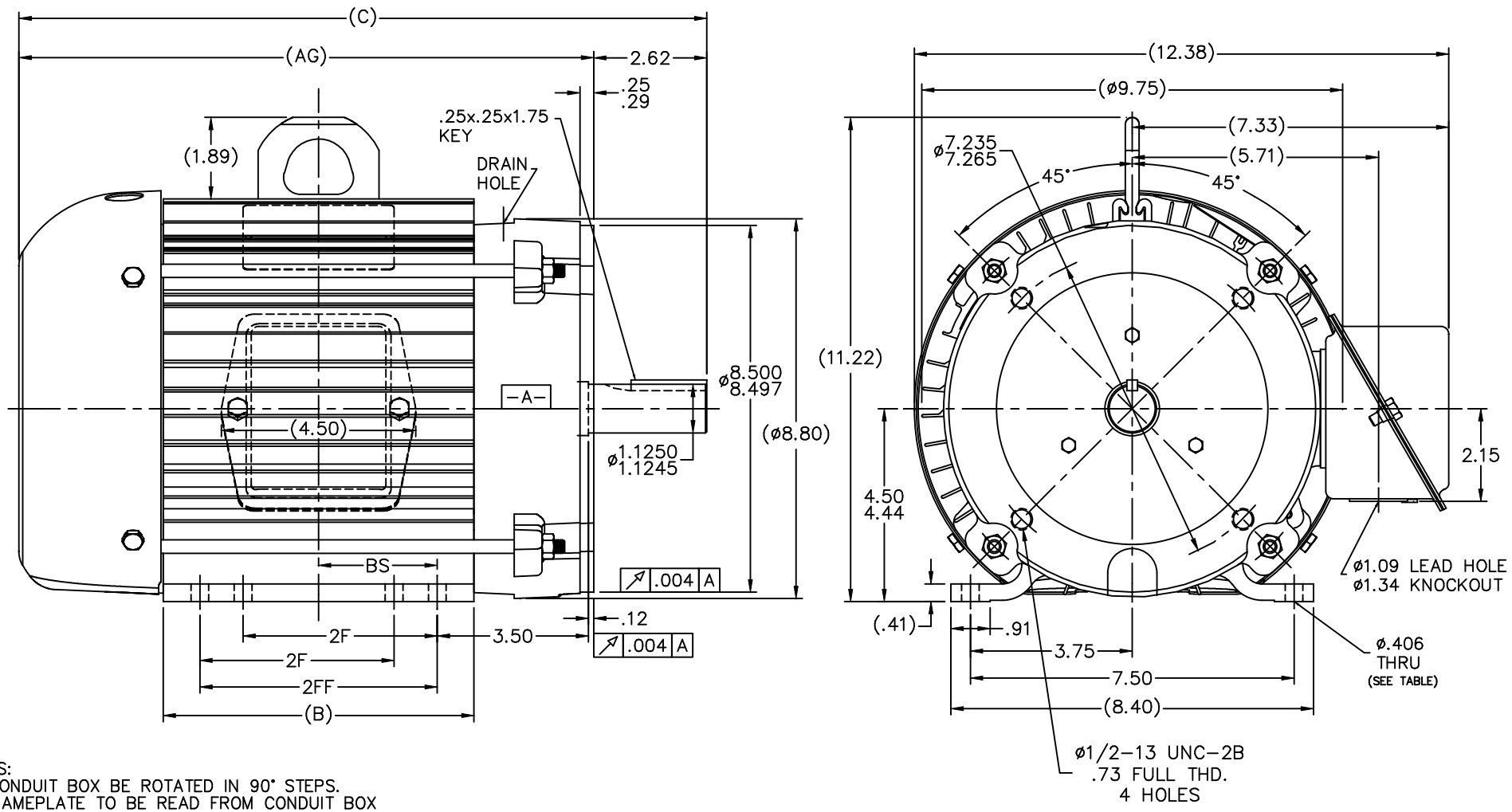
Nameplate Specifications

Phase	3	Output HP	5 & 3 Hp
Output KW	3.7 & 2.2 kW	Voltage	230/460 & 208/415 V
Speed	1745 & 1465 rpm	Service Factor	1.25 & 1.15
Frame	184TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	87.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	13/6.5 & 10.4/5.2 A	Power Factor	82.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	J
Drive End Bearing Size	207	Opp Drive End Bearing Size	205
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	4	Rotation	Reversible
Resistance Main	3.05 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Aluminum
Shaft Type	T	Assembly/Box Mounting	C1
Outline Drawing	B-SS601070LN-720	Connection Drawing	A-EE7308-LN

SS601070LN



NOTES:
1. CONDUIT BOX BE ROTATED IN 90° STEPS.
2. NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

DASH	FR.	C	BS	B	2F	2FF	AG	FOOT HOLE
620	182TC	14.94	2.25	6.20	4.50	–	12.32	4
720	182/4TC	15.94	2.75	7.20	4.50	5.50	13.32	8
720	184TC	15.94	2.75	7.20	4.50	5.50	13.32	4
820	182/4TC	16.94	3.25	8.20	5.50	6.50	14.32	8

NO.	REVISION	BY & DATE	CHK
3	ADDED 2FF TO TABULATED CHART	TAT 01-30-2004	ML
2	DASH 720/184TC FOOT HOLE 8 WAS 4 CN 31573	HLB 05-24-2001	
1	NEW DRAWING	TJB 03-20-2001	

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

Lincoln MOTORS

DRAWN TJB 03-20-2001
CHK ML 03-20-2001
APPD GK 03-20-2001
SCALE 7=16
REF
FMF
PREV

TITLE OUTLINE
180TC FR. – TEFC – 'C' FACE – F2
MAT'L.
FINISH
CAD FILE ss601070ln

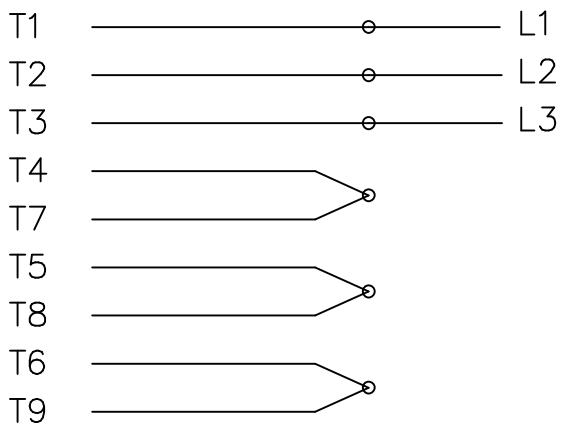
RFP
DIST LB

SIZE	DRAWING NO.	PAGE OF	REV.
B	SS601070LN		3

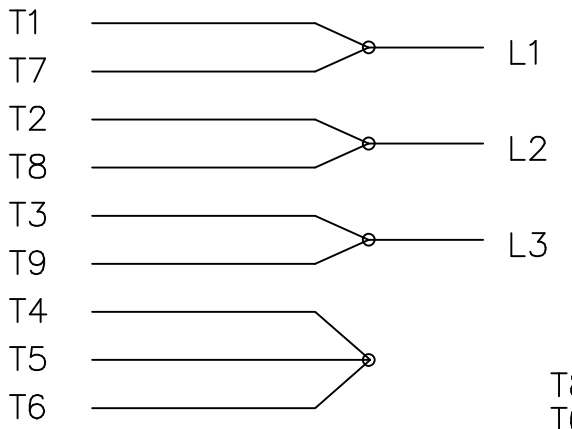
EE7308-LN

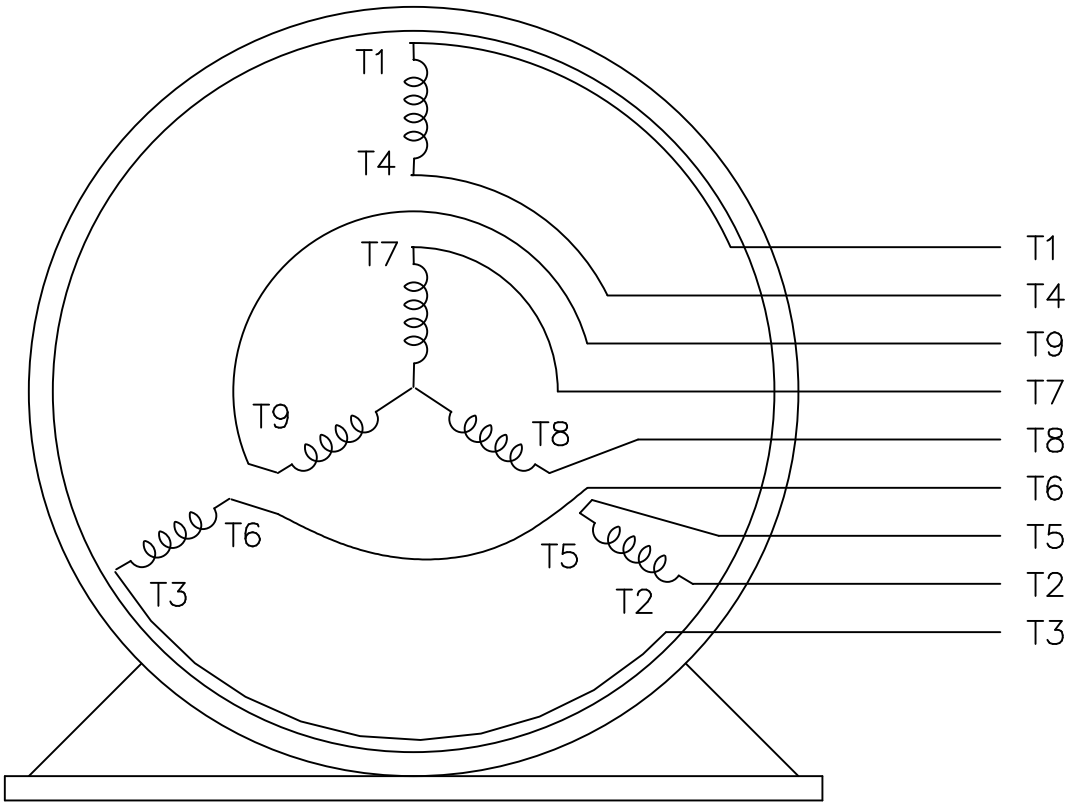
THREE PHASE
DUAL VOLTAGE MOTOR

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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