PRODUCT INFORMATION PACKET

Model No: LM01304
Catalog No: LM01304
OBSOLETE - REPLACED BY LM32827 - 1.5,900,TEFC,184TC,3/60/230/460

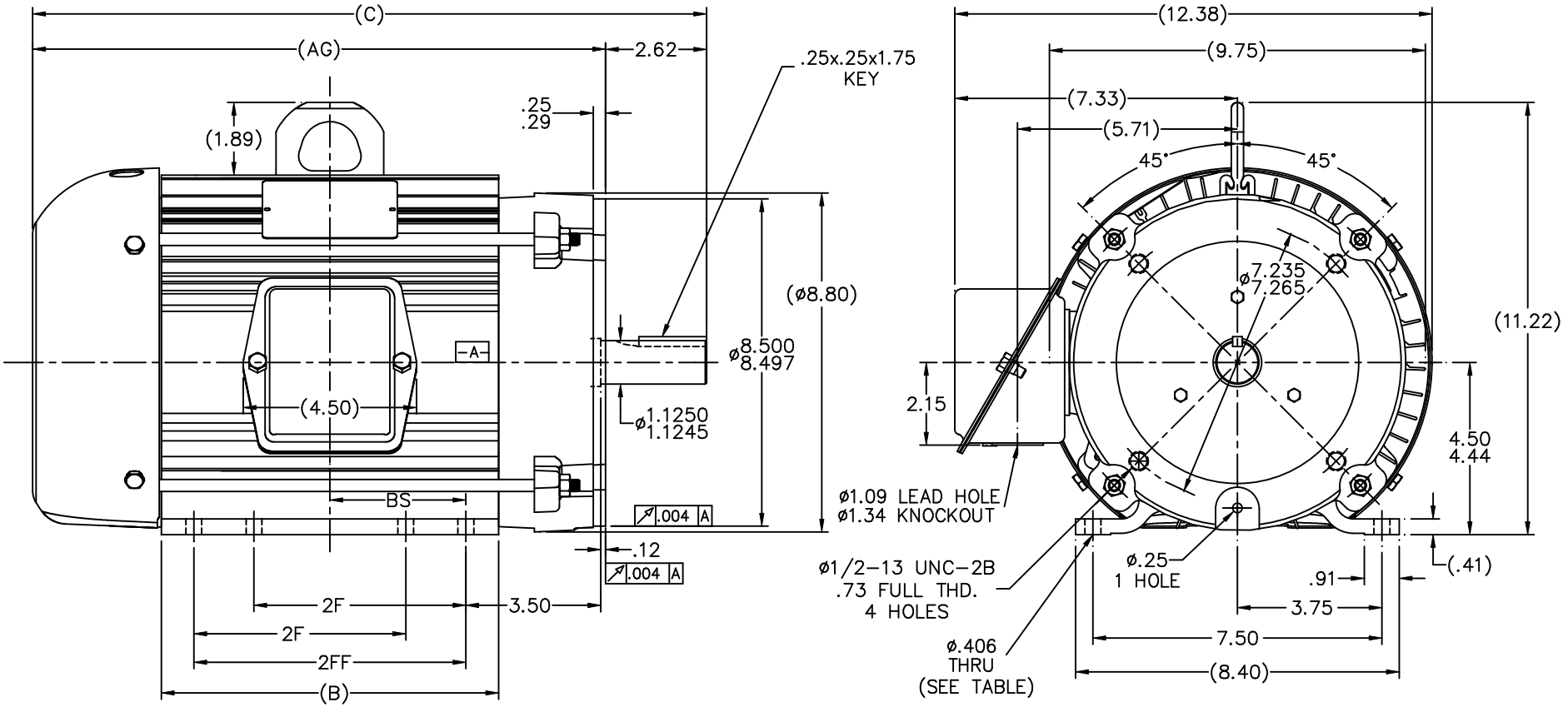
Nameplate Specifications

Phase	3	Output HP	1.50 & 1 Hp
Output KW	1.1 & 0.75 kW	Voltage	208-230/460 & 190/380 V
Speed	865 & 725 rpm	Service Factor	1.15 & 1.15
Frame	184TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	74 & 73 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	6.2-5.8/2.9 & 5/2.5 A	Power Factor	62.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	H
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	8	Rotation	Reversible
Resistance Main	13.4 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	F1/F2 CAPABLE
Outline Drawing	B-SS601010LN-720	Connection Drawing	A-EE7308-LN

SS601010LN



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

DASH	FR.	C	BS	B	2F	AG	2FF	FOOT HOLE
620	182T	14.83	2.25	6.20	---	12.21	4.50	4
720	184T	15.83	2.75	7.20	---	13.21	5.50	4
720	182/4T	15.83	2.75	7.20	4.50	13.21	5.50	8
820	182/4T	16.83	3.25	8.20	5.50	14.21	6.50	8
875	184T	17.49	3.53	8.75	5.50	14.87	7.06	8

NO.	REVISION	BY & DATE	CHK
10	CHANGED DASH 720 182/4T TO 184T AND DIMENSION 2FF FROM 4.50 TO 5.50 ECN 10328	JJB 05/25/2007	ML
9	-620, 720; 2F NOW 2FF DIM. (4 MTG HOLES) CN 33910	DRS 10-25-2005	ML
8	FIXED 2FF DIM. FOR -820 WAS 5.50 CN 32479	ERH 02-02-2004	ML
7	ADDED OLD DASHES TO TABLE CN 32479	ERH 12-10-2003	ML
6	REVISED PER CN 32479	ERH 12-01-2003	ML

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

RFP
DIST LB

Lincoln MOTORS

TITLE OUTLINE
180T FR. - TEFC - C'FACE

MAT'L.
FINISH
CAD FILE ss601010in

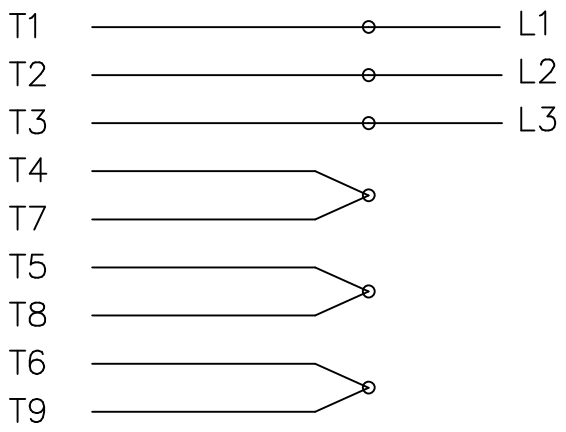
DRAWN BJW 02/01/2000
CHK ML 02/02/2000
APPD GK 02/02/2000
SCALE 3=8
REF
FMF MU48444
PREV

SIZE	DRAWING NO.	PAGE	OF	REV.
B	SS601010LN			10

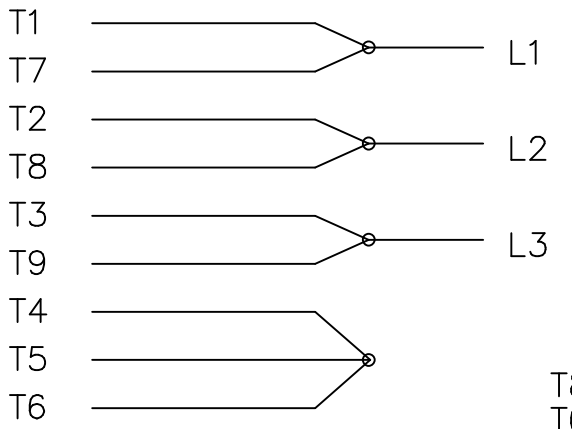
EE7308-LN

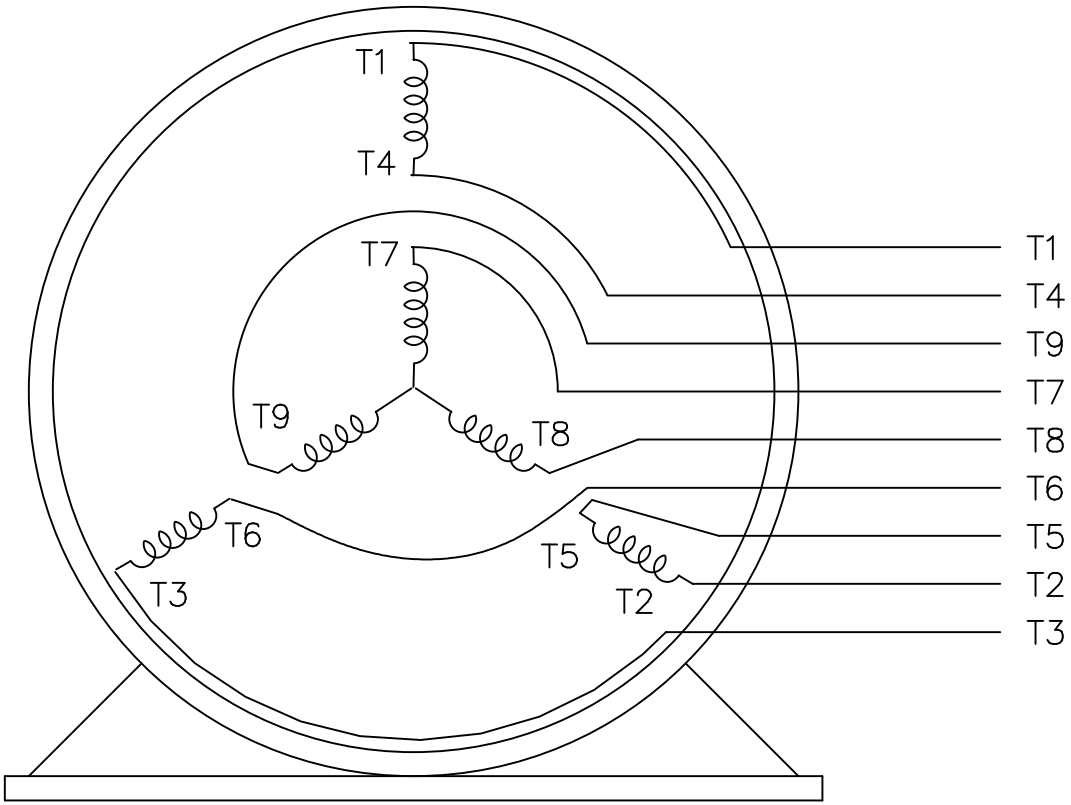
THREE PHASE
DUAL VOLTAGE MOTOR

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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