PRODUCT INFORMATION PACKET

Model No: LM33809
Catalog No: LM33809
LM33809..100HP..1800RPM.405TSC.DP.230/460VAC.3PH.60HZ.CONT.40C.1.15SF.....

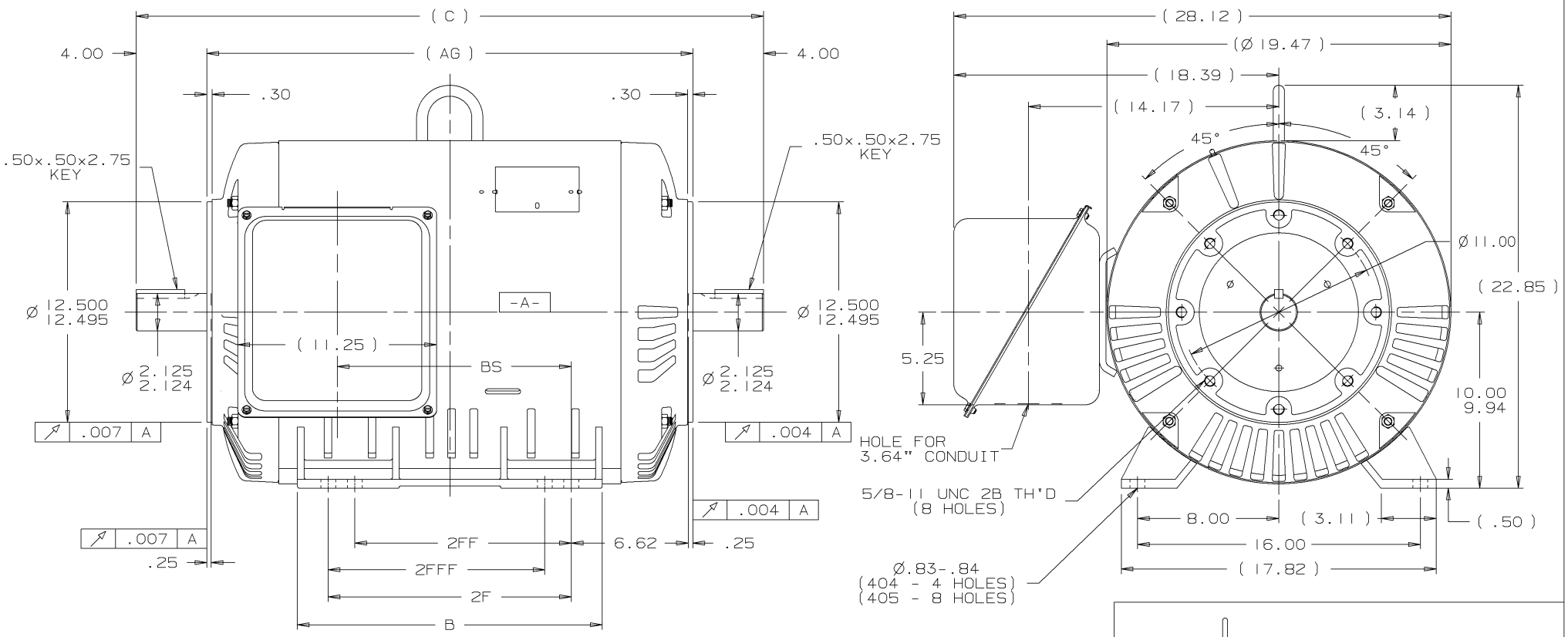
Nameplate Specifications

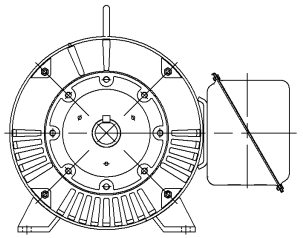
Phase	3	Output HP	100 & 75 Hp
Output KW	75.0 & 56.0 kW	Voltage	230/460 & 190/380 V
Speed	1785 & 1485 rpm	Service Factor	1.25 & 1.15
Frame	405TSC	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	95.4 & 94.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	236/118 & 216/108 A	Power Factor	83.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6315	Opp Drive End Bearing Size	6313
UL	Recognized	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Wye Start Delta Run
Poles	4	Rotation	Reversible
Resistance Main	.047 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	TS BOTH ENDS	Assembly/Box Mounting	F1 ONLY
Outline Drawing	XJ2D1CC4-1885	Connection Drawing	A-EE7308AA-LN

B-XJ2DICC4





F2 VIEW

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

DASH	FRAME	C	AG	BS	B	2F	2FF	2FFF
1735	404TS	34.00	25.91	11.75	15.75	12.25		
1885	405TS	35.50	27.41	13.25	17.25	13.75	12.25	12.25

NO.	REVISION	BY	DATE	CHK
1	NEW DRAWING MU40593	CTO	02-15-2002	HNH

TOLERANCES UNLESS SPECIFIED

DEC.	TOLERANCE
.X	±.1
.XX	±.03
.XXX	±.005
.XXXX	±.0005
ANG	± 7'30"

SURFACE ROUGHNESS UNLESS SPECIFIED

Lincoln MOTORS

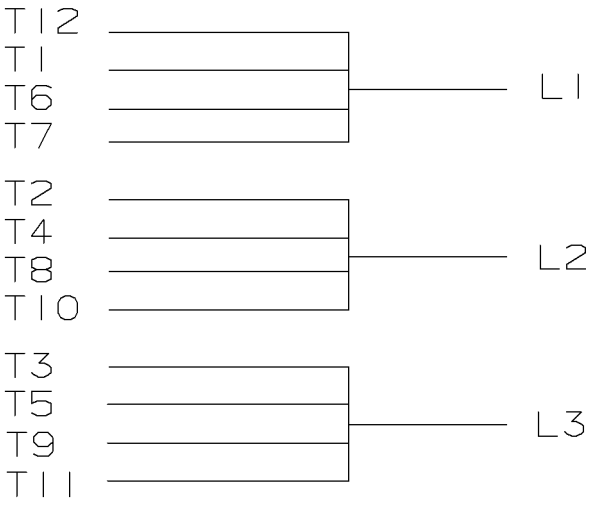
TITLE OUTLINE NEMA MOTORS
400TS ODP UE DBL C-FACE

MAT'L.
FINISH
CAD FILE XJ2DICC4
SHOP BOOK
PURCHASED
DIST WA - LB - WP - LM - BR - BY

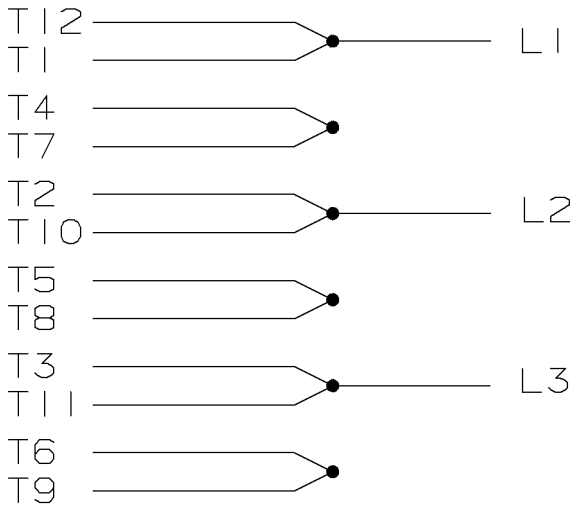
DRAWN	CTO 02-14-2002
CHK	DRS 02-14-2002
APPD	HNH 02-15-2002
SCALE	
REF	
FMF	
PREV	

SIZE B | DRAWING NO. XJ2DICC4 | REV. 1

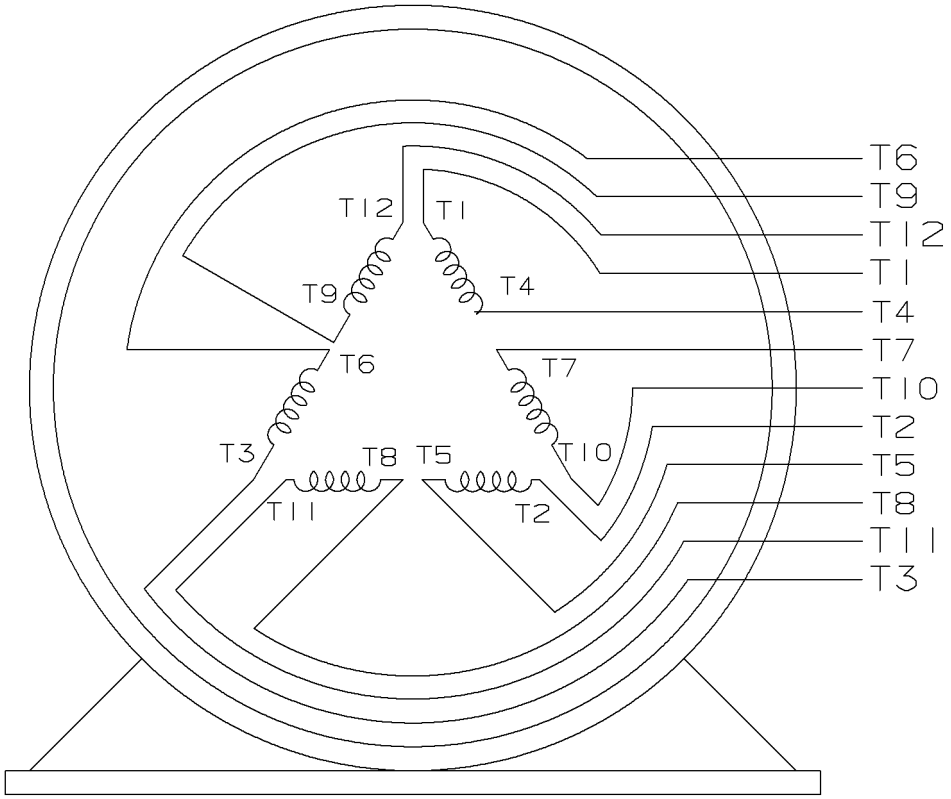
A- EE7308AA-LN



LOW VOLTAGE



HIGH VOLTAGE



VIEW OF TERMINAL END

REV	DATE	CHANGE	NAME
2	08-09-1999	RE-ISSUE, ADDED '-' TO PART NUMBER	BLR
1	06-18-1999	NEW DRAWING	TRB

Lincoln MOTORS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOL. ON XX± .02 XXX± .005 XXXX± .0005 ANGLES± 7'30"

MAX. SURFACE ROUGHNESS UNLESS OTHERWISE NOTED

FINISH

MATERIAL

DRAWN BY	TRB	07-16-1999
CHKD BY	ML	06-18-1999
APPD BY	GK	06-18-1999

PART NAME 3 PHASE CONNECTION DIAGRAM
2/1 DELTA - 12 LEADS

DRWG NO A- EE7308AA-LN

PURCHASED | CADD FILE NO. EE7308AALN

8/25/2007 12:50:38 PM -

ERROR: undefined
OFFENDING COMMAND: Pscrip

STACK: