PRODUCT INFORMATION PACKET

Model No: LM16650
Catalog No: LM16650
OBSOLETE REPLACED BY 184TTFS6844

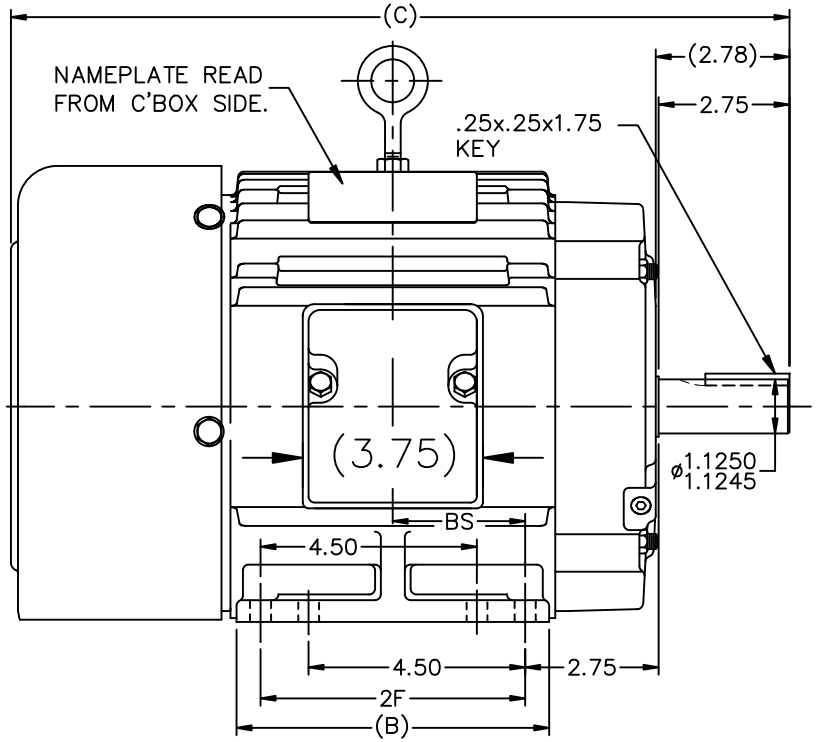
Nameplate Specifications

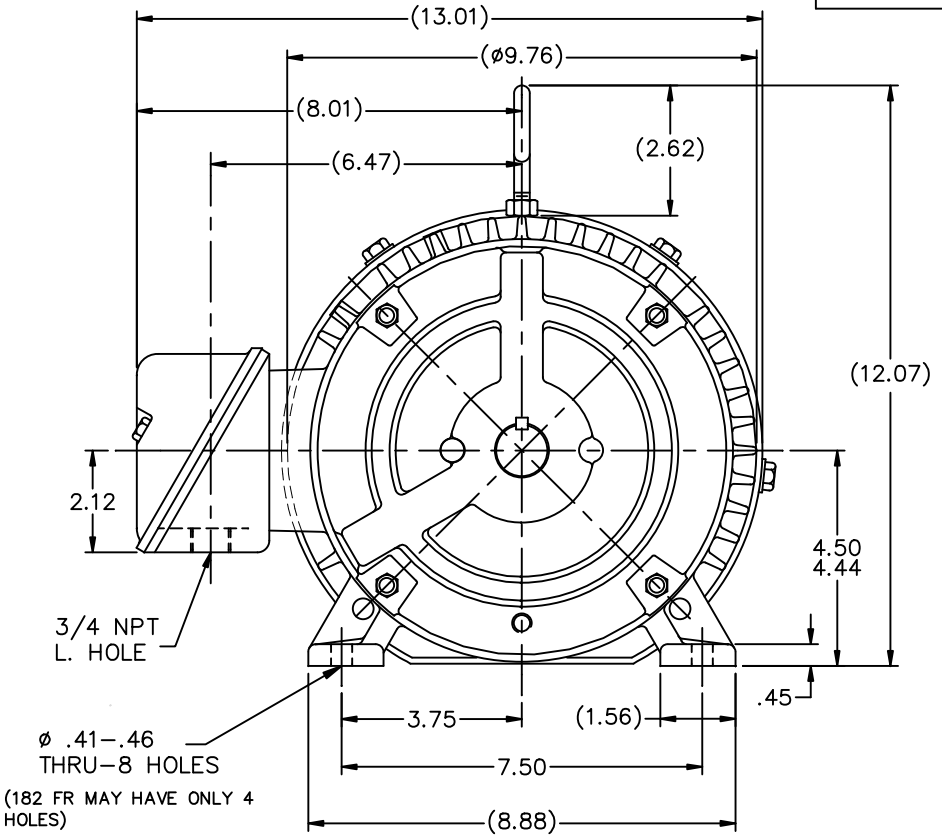
Phase	3	Output HP	5 & 5 Hp
Output KW	3.7 & 3.7 kW	Voltage	230/460 & 380-415 V
Speed	1755 & 1440 rpm	Service Factor	1.25 & 1.0
Frame	184T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Thermostat	Efficiency	90.2 & 87.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	12.4/6.2 & 7.5-7 A	Power Factor	83.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	J
Drive End Bearing Size	206	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	2.62 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-SS63661LN-675	Connection Drawing	A-EE7308T-LN

SS6366LN



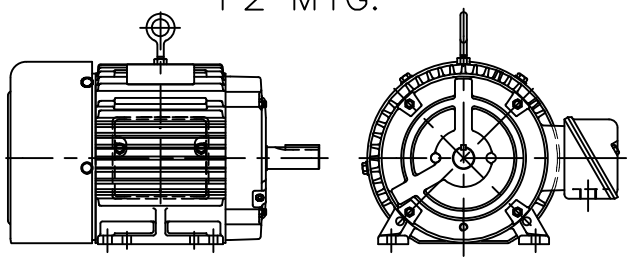


BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS & TURNING FRAME 180°.

BOX CAN BE ROTATED IN 90° STEPS.

DASH	FR.	C	B	2F	BS
575	182T	15.19	5.50	4.50	2.25
675	184T	16.19	6.50	5.50	2.75

F2 MTG.



NO.	REVISION	BY & DATE	CHK
3	CHG COND. BOX DIM TO 3.75 WAS 5.00 ECN 18821	TF 01-31-2011	EMH
2	ADDED MOUTING HOLE NOTE CN 26000-581	DRS 01-02-2002	ML
1	NEW DRAWING	NJS 08-30-2000	

TOLERANCES UNLESS SPECIFIED

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

Lincoln MOTORS

TITLE OUTLINE
180T FR. – BB – TS – TEFC

MAT'L.

FINISH

CAD FILE ss63661ln

RFP

DIST LB

DRAWN NJS 09-29-2000
CHK ML 08-29-2000
APPD TB 09-30-2000
SCALE 1=4
REF
FMF
PREV

SIZE A | DRAWING NO. SS63661LN | PAGE OF | REV. 3

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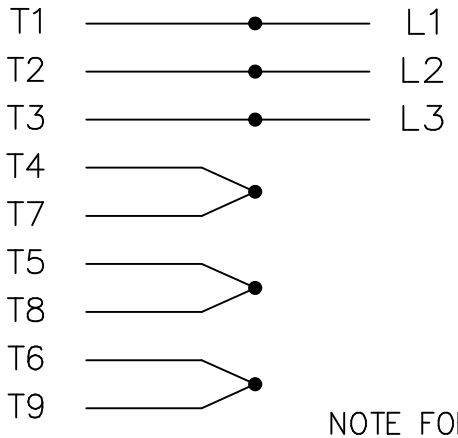
EE7308T-LN

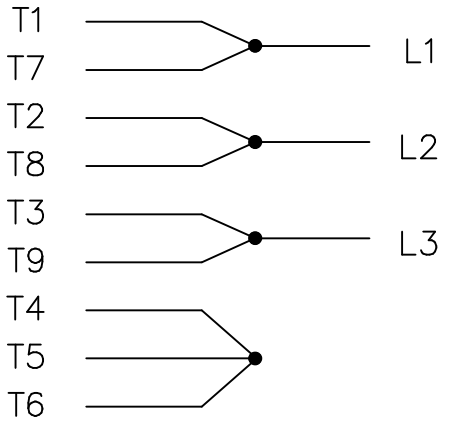
THREE PHASE
DUAL VOLTAGE MOTOR

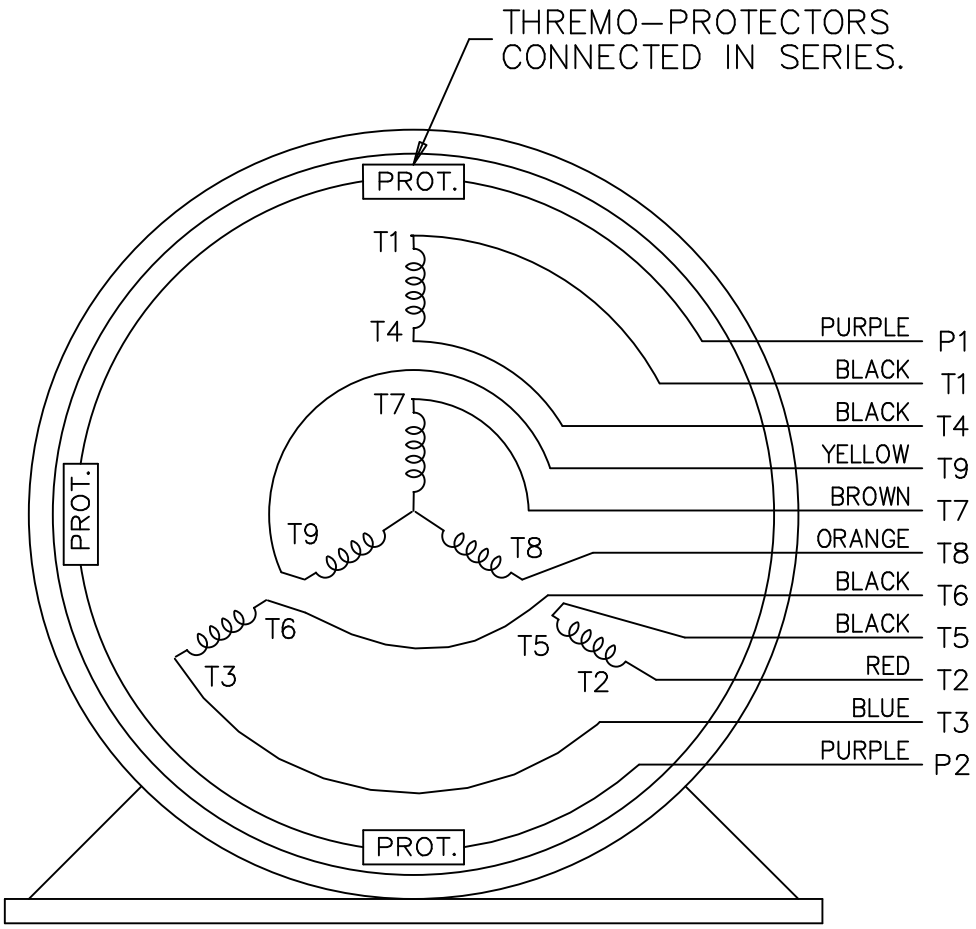
HIGH VOLTAGE



NOTE FOR FACTORY USE ONLY:
TO SURGE TEST FOR COMMON CONNECT:
HIGH VOLT: CONNECT P1 TO T1
THEN P2 TO L1
LOW VOLT: CONNECT P1 TO T1 & T7,
THEN P2 TO L1

LOW VOLTAGE





VIEW OF TERMINAL END

NO.	REVISION	BY & DATE	CHK
2	ADDED COLORS TO "T & P" LEADS CN 40494	MSG 08-08-2006	ML
1	NEW DRAWING	BJK 07-18-2002	DRS

TOLERANCES UNLESS SPECIFIED	
DEC.	INCHES
.X	±.1
.XX	±.02
.XXX	±.005
.XXXX	±.0005
ANG	±7'30"

Lincoln MOTORS

TITLE CONNECTION DIAGRAM
3 PHASE – DUAL VOLTAGE MOTOR

MAT'L.

FINISH

CAD FILE ee7308t_ln

RFP

DIST LB

DRAWN	BJK 07-16-2002
CHK	DRS 07-18-2002
APPD	GK 07-18-2002
SCALE	1=1
REF	
FMF	
PREV	

SIZE	DRAWING NO.	PAGE	OF	REV.
A	EE7308T-LN			2

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