

# PRODUCT INFORMATION PACKET



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

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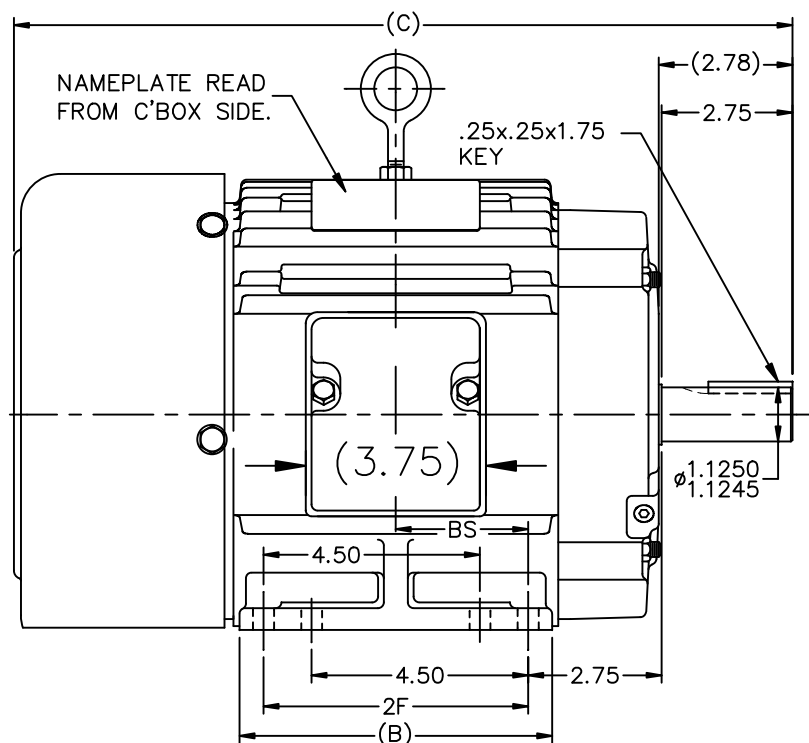
### Nameplate Specifications

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

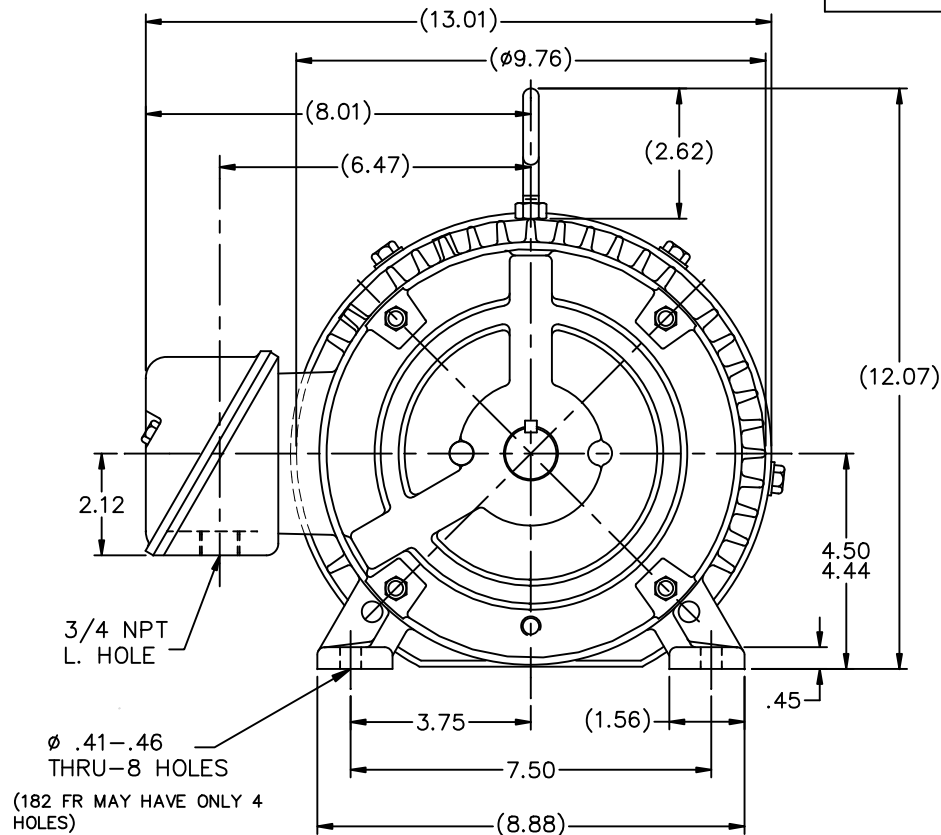
Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	2.62 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	A-SS63661LN-675	Connection Drawing	A-EE7308T-LN

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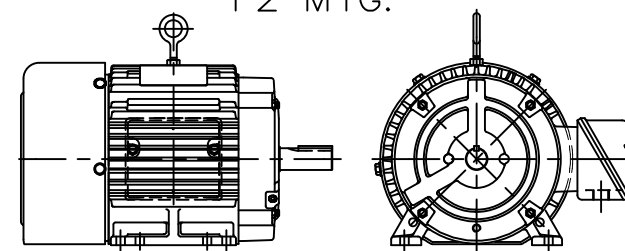


BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS & TURNING FRAME 180°.

BOX CAN BE ROTATED IN 90° STEPS.



F2 MTG.



**Lincoln**  
MOTORS

DRAWN NJS 09-29-2000

CHK ML 08-29-2000

APPD TB 09-30-2000

SCALE 1=4

REF

FMF

PREV

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

NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED	
					DEC.	INCHES
3	CHG COND. BOX DIM TO 3.75 WAS 5.00 ECN 18821	TF 01-31-2011	EMH	.XX	±.03	
2	ADDED MOUNTING HOLE NOTE CN 26000-581	DRS 01-02-2002	ML	.XXX	±.005	
1	NEW DRAWING	NJS 08-30-2000		.XXXX	±.0005	
					±7'30"	

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

MAT'L.

FINISH

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RFP

DIST LB

CAD FILE ss63661ln

SIZE

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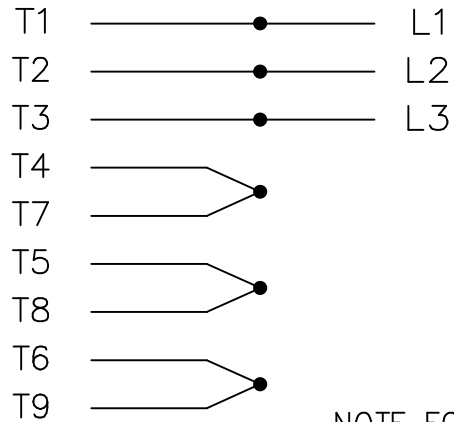
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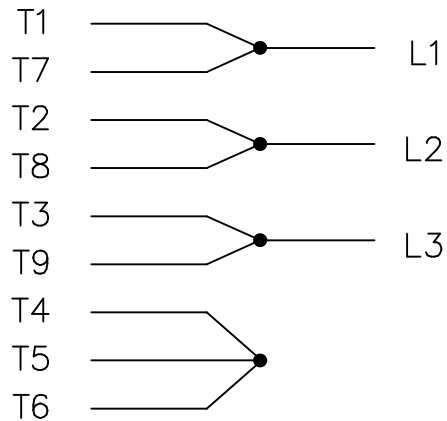
3

# 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

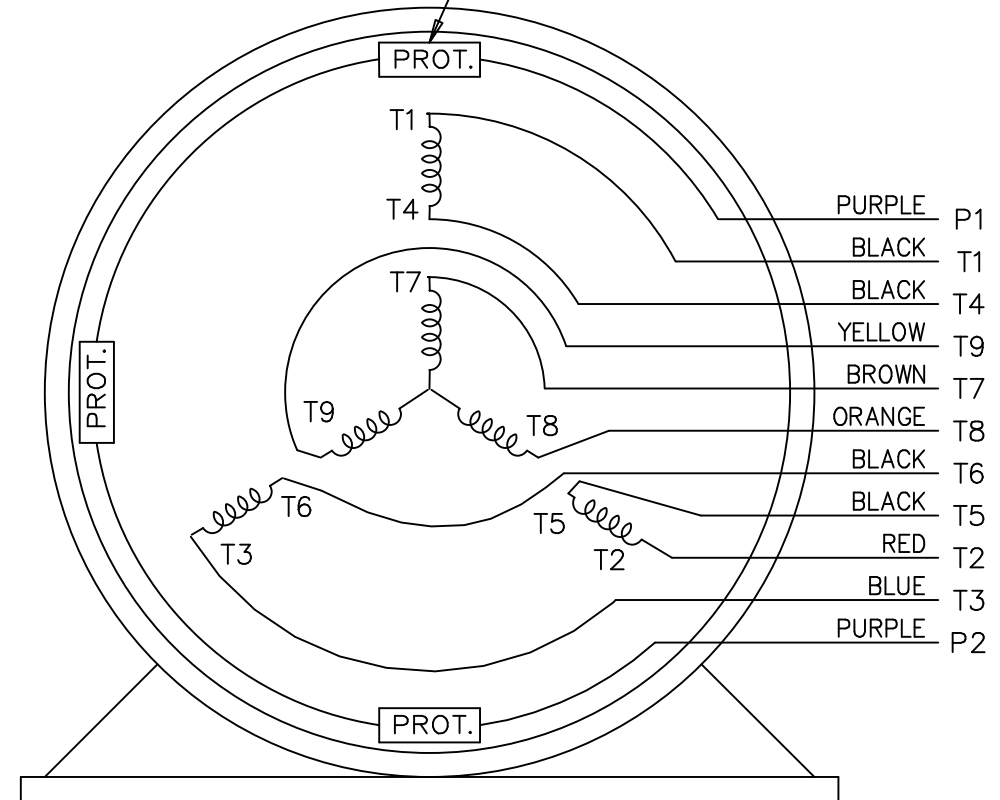
# LOW VOLTAGE




# THREE PHASE DUAL VOLTAGE MOTOR

EE7308T-LN

THREMO-PROTECTORS  
CONNECTED IN SERIES.



VIEW OF TERMINAL END

				TOLERANCES UNLESS SPECIFIED			DRAWN BJK 07-16-2002					
				DEC.	INCHES		CHK	DRS	07-18-2002			
				.X	±.1		APPD	GK	07-18-2002			
				.XX	±.02		TITLE CONNECTION DIAGRAM 3 PHASE – DUAL VOLTAGE MOTOR				SCALE	1=1
2	ADDED COLORS TO "T & P" LEADS	CN 40494	MSG 08-08-2006	ML	.XXX	±.005					REF	
1	NEW DRAWING		BJK 07-18-2002	DRS	.XXXX	±.0005	MAT'L.	FMF				
NO.	REVISION		BY & DATE	CHK	ANG	±7'30"	FINISH	PREV				
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				DIST LB						EE7308T-LN		