

# PRODUCT INFORMATION PACKET



Model No: LM15650

Catalog No: LM15650

OBSOLETE-REPLACED BY LM33487 - 5HP,1800,TEFC,184T,3/60/230/460

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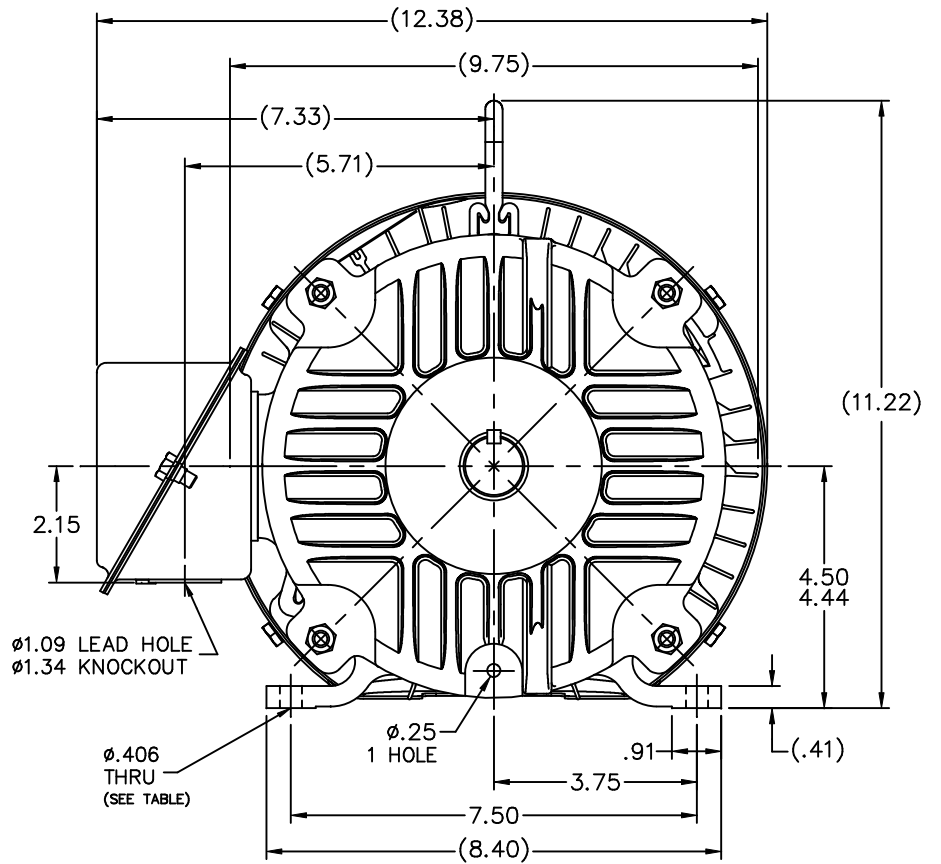
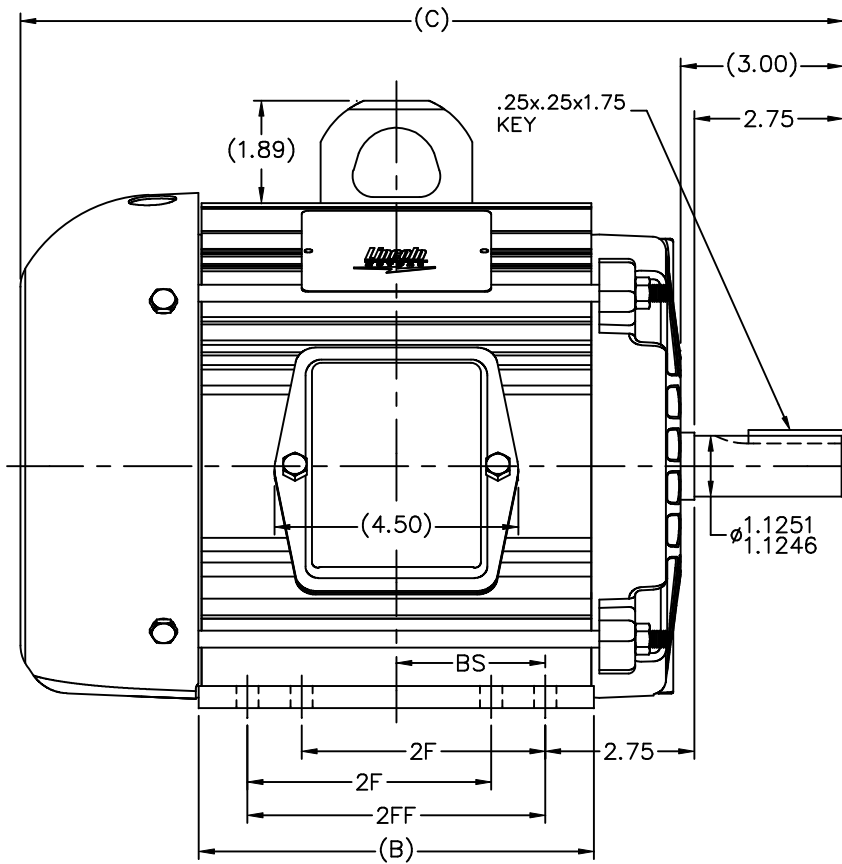
### Nameplate Specifications

Phase	<b>3</b>	Output HP	<b>5 &amp; 5 Hp</b>
Output KW	<b>3.7 &amp; 3.7 KW</b>	Voltage	<b>230/460 &amp; 190-208/380-415 V</b>
Speed	<b>1755 &amp; 1440 rpm</b>	Service Factor	<b>1.25 &amp; 1.0</b>
Frame	<b>184T</b>	Enclosure	<b>Totally Enclosed Fan Cooled</b>
Thermal Protection	<b>No Protection</b>	Efficiency	<b>90.2 &amp; 87.5 %</b>
Ambient Temperature	<b>40 °C</b>	Frequency	<b>60 &amp; 50 Hz</b>
Current	<b>12.4/6.2 &amp; 15-14/7.5-7 A</b>	Power Factor	<b>83.5</b>
Duty	<b>Continuous</b>	Insulation Class	<b>F</b>
Design Code	<b>B</b>	KVA Code	<b>J</b>
Drive End Bearing Size	<b>6207</b>	Opp Drive End Bearing Size	<b>6205</b>
UL	<b>Recognized</b>	CSA	<b>Y</b>
CE	<b>Y</b>	IP Code	<b>43</b>
Number of Speeds	<b>1</b>		

### Technical Specifications

Electrical Type	<b>Squirrel Cage Induction Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>4</b>	Rotation	<b>Reversible</b>
Resistance Main	<b>2.62 Ohms</b>	Mounting	<b>Rigid Base</b>
Motor Orientation	<b>Horizontal</b>	Drive End Bearing	<b>Ball</b>
Opp Drive End Bearing	<b>Ball</b>	Frame Material	<b>Aluminum</b>
Shaft Type	<b>T</b>	Assembly/Box Mounting	<b>F1/F2 CAPABLE</b>
Outline Drawing	<b>B-SS601006LN-820</b>	Connection Drawing	<b>A-EE7308-LN</b>

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- 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	2FF	2F	FOOT HOLE	NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH	PREV
								12	REVISED 'B' DIMENSION IN DASH TABLE ECN 14167	MSG 8/19/2009	BW		TO TOLERANCES UNLESS SPECIFIED		
								11	DE EXTN WAS 3.1 CHANGED TO 3.0	SVL 7/22/2009	ML	DEC.	INCHES		
								10	REVISED DASH TABLE INFORMATION CN 32829	DRS 09-10-2004	ML	.X	±.1		
								9	REVISED -820, 2FF WAS 5.50 & 2F WAS BLANK	TAT 06-23-2004	ML	.XX	±.03	TITLE OUTLINE	
								8	RE-ISSUE CLARIFIED HOLES	TAT 01-30-2004	ML	.XXX	±.005	180T FR. - TEFC	
								7	CHANGED 2F TO 2FF	TAT 01-27-2004	ML	.XXXX	±.0005	MAT'L	
620	182T	14.19	2.25	6.30	4.50	---	4								
720	182/4T	15.19	2.75	7.30	5.50	4.50	8								
720	184T	15.19	2.75	7.30	5.50	---	4								
820	184T	16.19	3.25	8.30	---	5.50	8								

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												DIST	LB	B	SS601006LN	12		

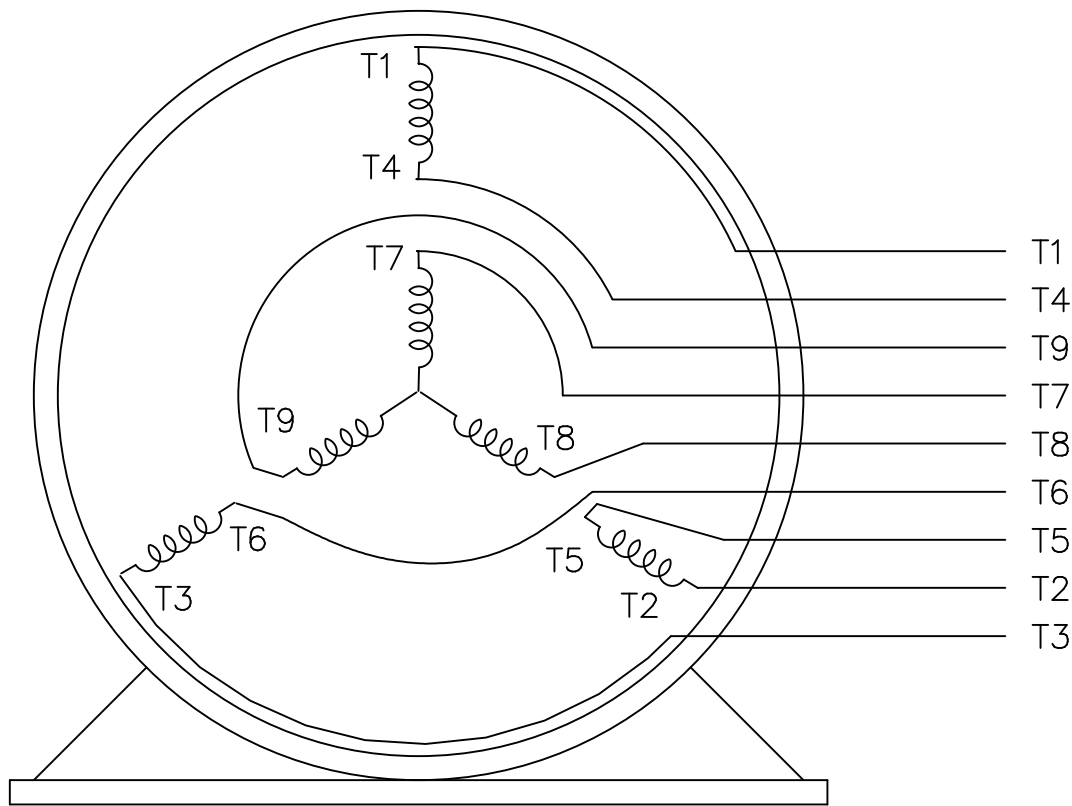


THREE PHASE  
DUAL VOLTAGE MOTOR

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	TOLERANCES UNLESS SPECIFIED		FINISH	DRAWN BLR 06/11/1999			
				DEC.	INCHES					
				.X	±.1		CHK ML 06/18/1999			
							APPD GK 06/18/1999			
3	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS	.XX	±.02	TITLE CONNECTION DIAGRAM	SCALE 1=1			
2	RE-ISSUE, ADDED '-' TO PART NUMBER	BLR 08/09/1999	GK	.XXX	±.005	3∅ - DUAL VOLTAGE MOTOR	REF			
1	NEW DRAWING	BLR 06/18/1999	GK	.XXXX	±.0005	MAT'L.	FMF			
				ANG	±7'30"		PREV			
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