

# PRODUCT INFORMATION PACKET

Model No: LM24718

Catalog No: LM24718

General Purpose Motors, TEFC, 5 HP, 1 Ph, 60 Hz, 230 V, 1758 RPM, 184T



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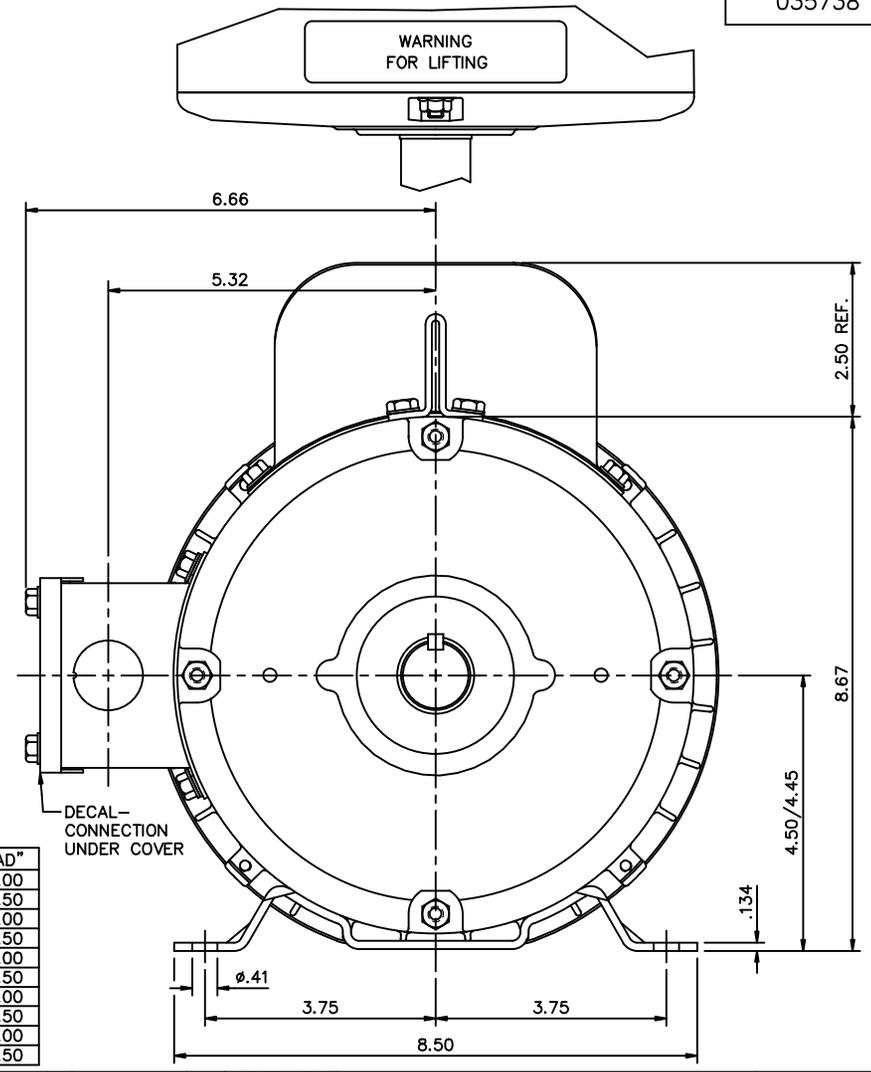
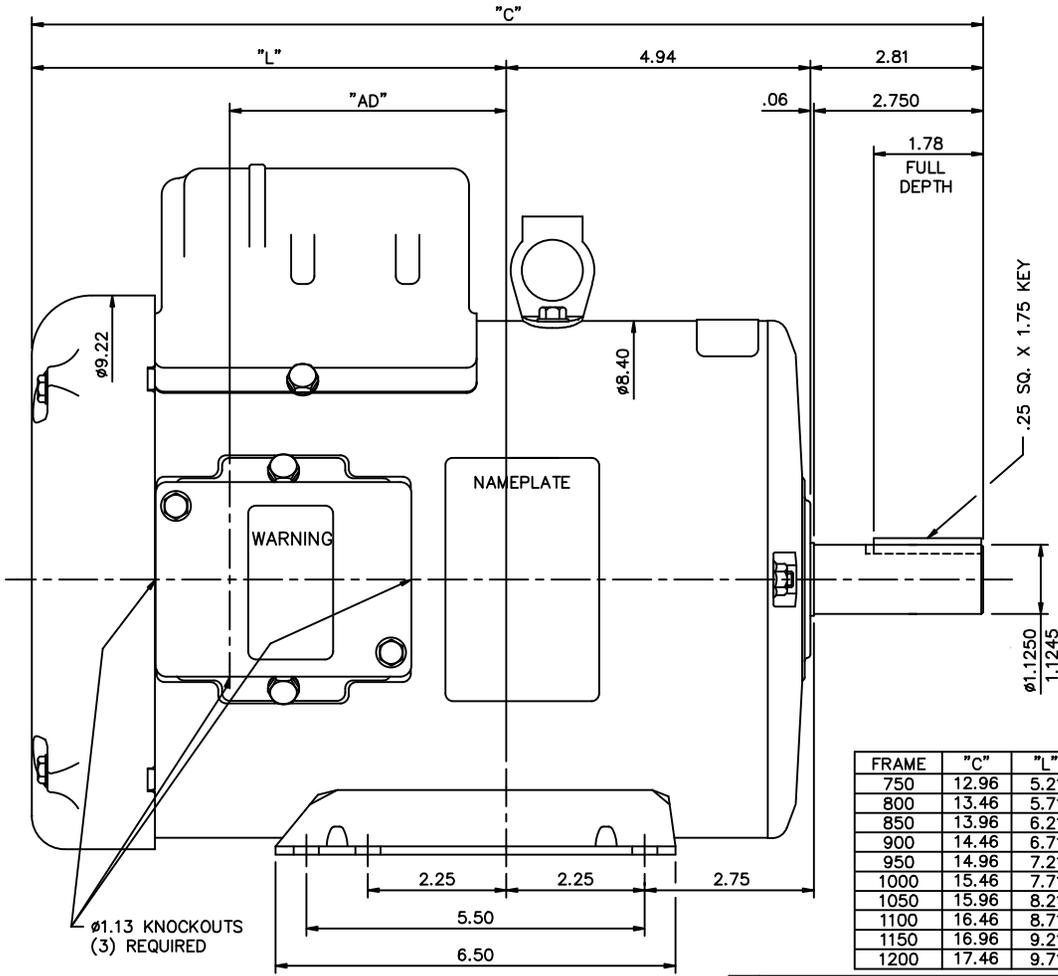
### Nameplate Specifications

Output HP	<b>5 Hp</b>	Output KW	<b>3.7 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>230 V</b>
Current	<b>21.7 A</b>	Speed	<b>1758 rpm</b>
Service Factor	<b>1</b>	Phase	<b>1</b>
Efficiency	<b>81.5 %</b>	Power Factor	<b>92</b>
Duty	<b>Continuous</b>	Insulation Class	<b>F</b>
Design Code	<b>L</b>	KVA Code	<b>H</b>
Frame	<b>184T</b>	Enclosure	<b>Totally Enclosed Fan Cooled</b>
Thermal Protection	<b>No</b>	Ambient Temperature	<b>40 °C</b>
Drive End Bearing Size	<b>206</b>	Opp Drive End Bearing Size	<b>205</b>
UL	<b>Recognized</b>	CSA	<b>Y</b>
CE	<b>N</b>	IP Code	<b>43</b>
Number of Speeds	<b>1</b>		

### Technical Specifications

Electrical Type	<b>Capacitor Start Capacitor Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>4</b>	Rotation	<b>Selective Counterclockwise</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>Rolled Steel</b>	Shaft Type	<b>T</b>
Overall Length	<b>17.46 in</b>	Frame Length	<b>12.00 in</b>
Shaft Diameter	<b>1.125 in</b>	Shaft Extension	<b>2.75 in</b>
Assembly/Box Mounting	<b>F1 ONLY</b>		
Connection Drawing	<b>005018.01LN</b>	Outline Drawing	<b>035738-1200</b>

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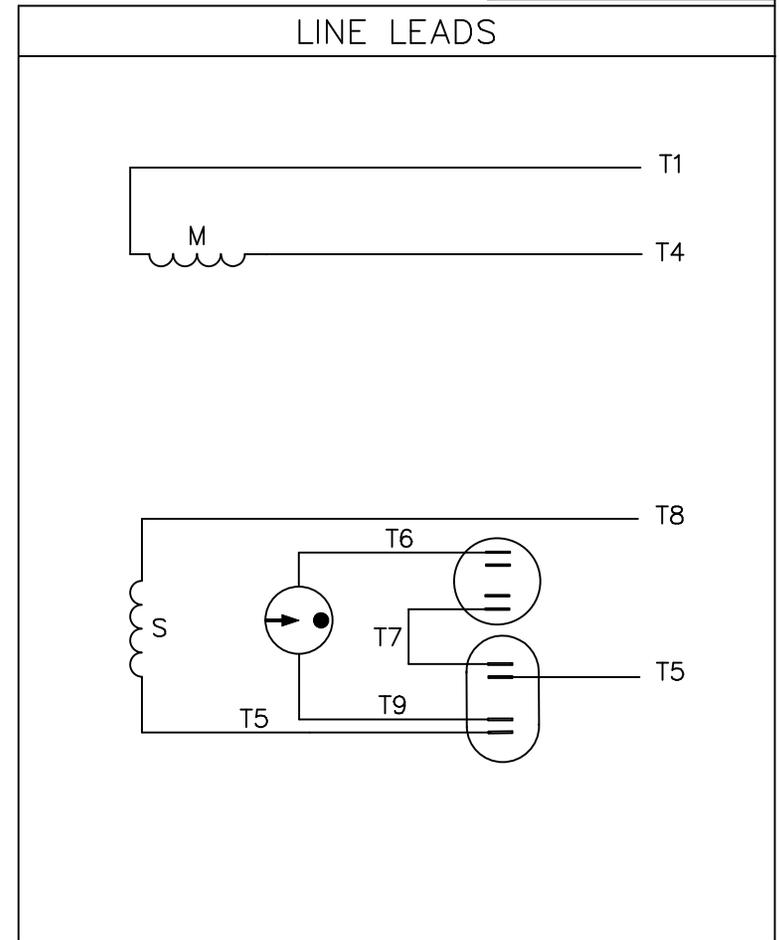
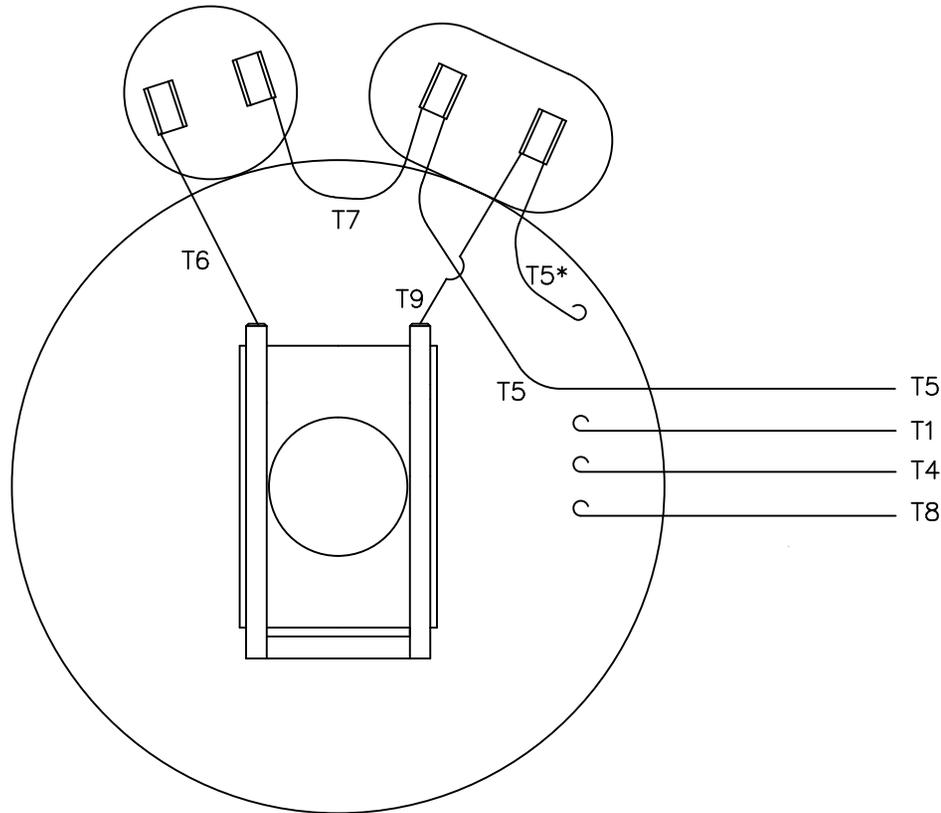


FRAME	"C"	"L"	"AD"
750	12.96	5.21	2.00
800	13.46	5.71	2.50
850	13.96	6.21	3.00
900	14.46	6.71	3.50
950	14.96	7.21	4.00
1000	15.46	7.71	4.50
1050	15.96	8.21	5.00
1100	16.46	8.71	5.50
1150	16.96	9.21	6.00
1200	17.46	9.71	6.50

GASKETS THROUGHOUT

		TOLERANCES UNLESS SPECIFIED				DRAWN AK 08/28/2009	
		DEC.	INCHES			CHK KVN 08/28/2009	
		.X	±.1	TITLE		APPD AK 08/28/2009	
		.XX	±.03	OUTLINE- 180T FRAME		SCALE 1=2	
		.XXX	±.005	TEFC- RIGID		REF 035352	
01	UPDATED PER MT2 CONVERSION	LST	6/9/10	.XXXX	±.0005	MAT'L	FMF LM24718
NO.	REVISION	BY & DATE	CHK	ANG	±1/2'	FINISH	PREV
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT				RFP	CAD FILE	035738	SIZE B
				DIST	DRAWING NO.	035738	REV. 01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



ROTATION FACING LEAD END	L1	L2
C.C.W.	T1, T8	T4, T5
C.W.	T1, T5	T4, T8

\* THIS LEAD MAY BE WHITE

				TOLERANCES UNLESS SPECIFIED				DRAWN AK 08/28/09		
				DEC.	INCHES			CHK KVN 08/28/09		
				.X	±.1			APPD AK 08/28/09		
				.XX	±.01			SCALE 1=1		
				.XXX	±.005			REF		
				.XXXX	±.0005	MAT'L. DECAL - 004018		FMF LM24718		
NO.	REVISION	BY & DATE	CHK	ANG	±1/2'	FINISH		PREV		
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT				RFP	CAD FILE 00501801LN		SIZE A	DRAWING NO. 005018-01LN		REV.
				DIST	BRF-NLV					