

# PRODUCT INFORMATION PACKET



Model No: LM33197

Catalog No: LM33197

Air Compressor Motor, 200 HP, 3 Ph, 60 Hz, 460 V, 1800 RPM, 445TSC Frame, TEFC

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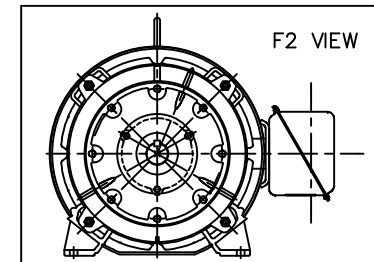
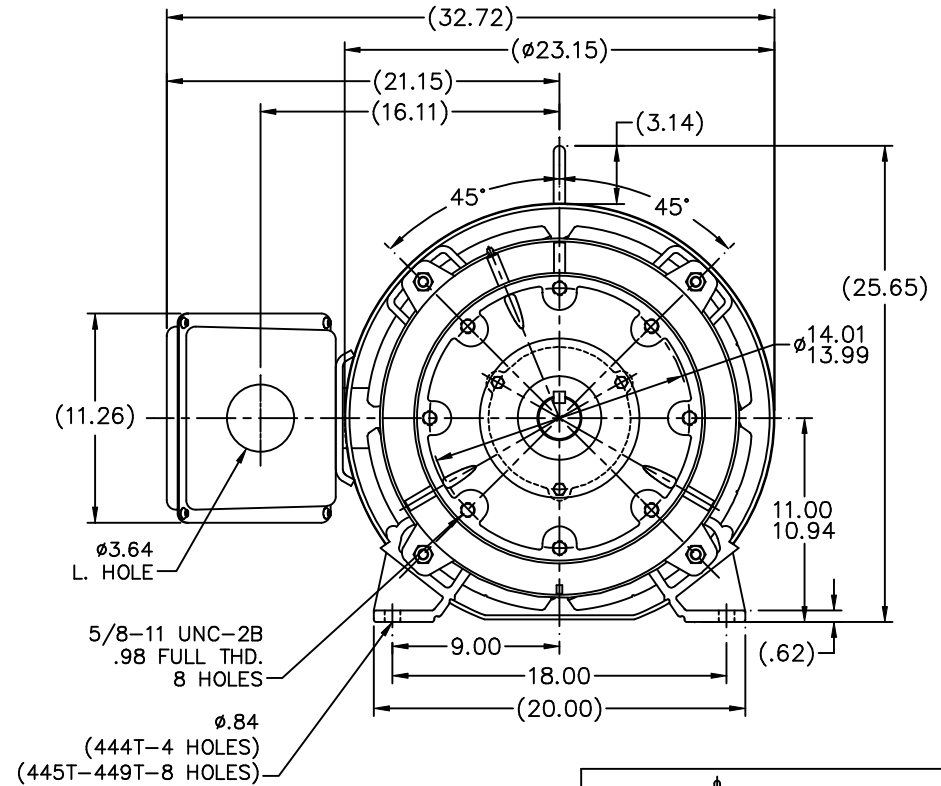
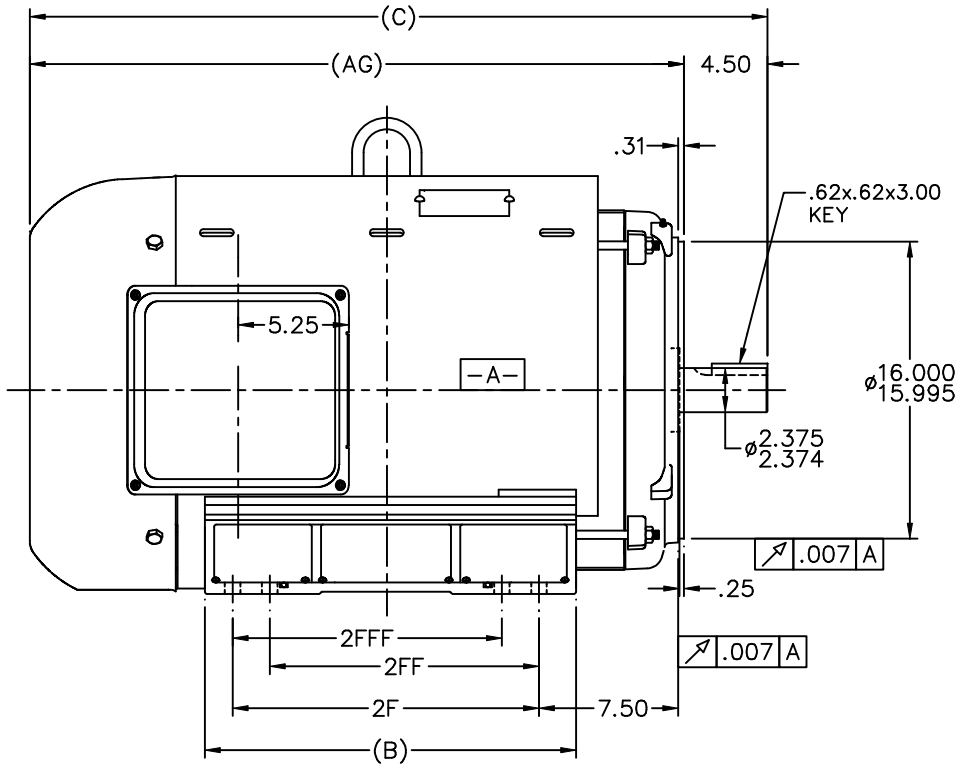
**Nameplate Specifications**

Output HP	<b>200 Hp</b>	Output KW	<b>149.0 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>460 V</b>
Current	<b>227.0 A</b>	Speed	<b>1788 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>3</b>
Efficiency	<b>96.2 %</b>	Power Factor	<b>86</b>
Duty	<b>Continuous</b>	Insulation Class	<b>F</b>
Design Code	<b>B</b>	KVA Code	<b>G</b>
Frame	<b>445TSC</b>	Enclosure	<b>Totally Enclosed Fan Cooled</b>
Thermal Protection	<b>No Protection</b>	Ambient Temperature	<b>40 °C</b>
Drive End Bearing Size	<b>6318</b>	Opp Drive End Bearing Size	<b>6315</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>Wye Start Delta Run</b>
Poles	<b>4</b>	Rotation	<b>Reversible</b>
Resistance Main	<b>.0117 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>Rolled Steel</b>
Shaft Type	<b>TS</b>	Shaft Diameter	<b>2.375 in</b>
Assembly/Box Mounting	<b>F2/F1 CAPABLE</b>		
Connection Drawing	<b>A-EE7340-LN</b>	Outline Drawing	<b>XK2FCSC2-2317</b>

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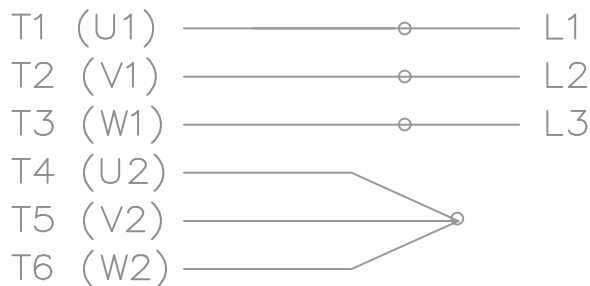
- NOTES:  
 1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS  
 2. NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

DASH	FRAME	C	AG	B	2F	2FF	2FFF	BS
2117	444TS	37.74	33.24	18.00	14.50			14.20
2317	445TS	39.74	35.24	20.00	16.50	14.50	14.50	16.20
2667	447TS	43.24	38.74	23.50	20.00	16.50	16.50	19.70
3167	449TS	48.24	43.74	28.50	25.00	20.00	20.00	23.95

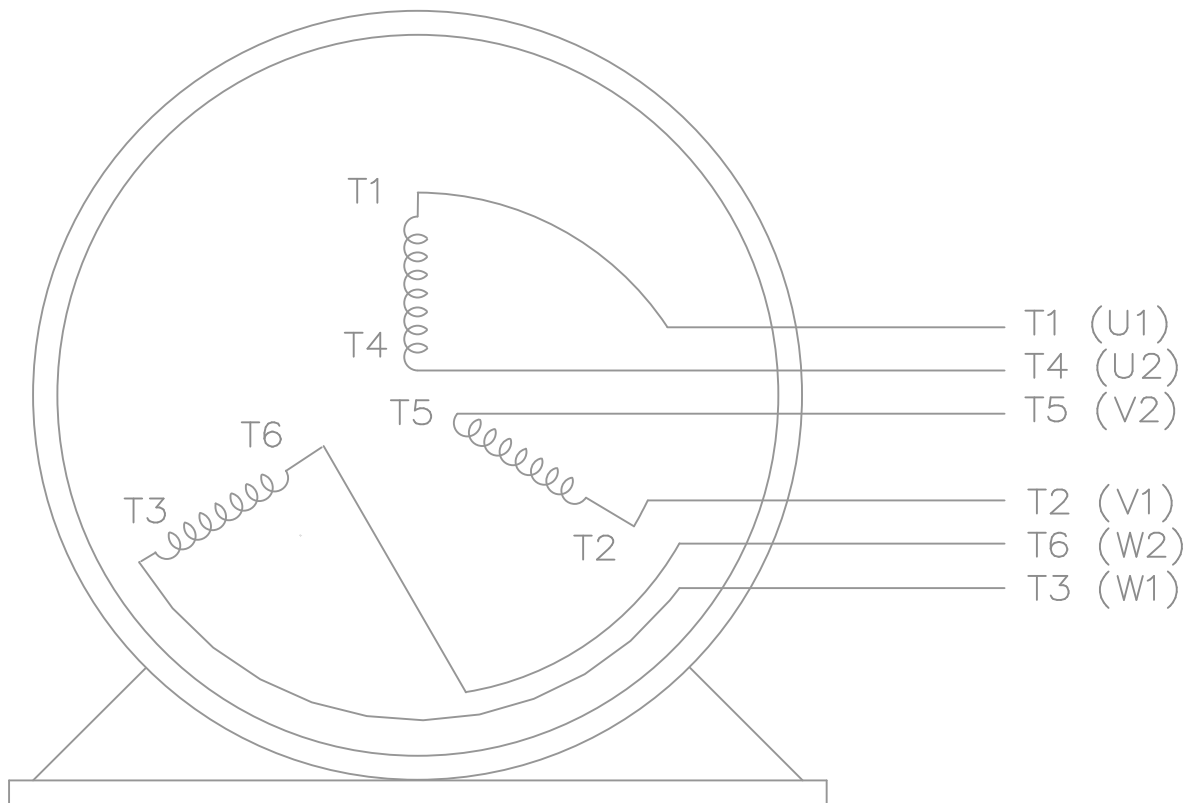
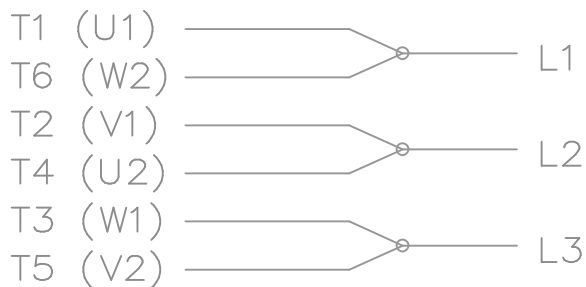
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		DEC.	INCHES			CHK	ML 09-20-2006
		.X	±.1			APPD	TB 09-20-2006
		.XX	±.03	TITLE OUTLINE NEMA MOTORS		SCALE 3-20	
		.XXX	±.005	440TS FR. - TEFC UE - C-FACE		REF	
		.XXXX	±.0005	MAT'L		FMF MU75252	
NO.	REVISION	BY & DATE	CHK	ANG	FINISH	PREV	
			RFP	09-20-2006	CAD FILE XK2FCSC2		
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						B	XK2FCSC2

THREE PHASE – Y START  
Δ RUN MOTOR

START




RUN



VIEW OF TERMINAL END

NOTE:  
IEC LEAD MARKINGS ARE NOTED  
IN PARENTHESES

T6CK  
T6BM  
T4CC  
T2DL  
T4C

				TOLERANCES UNLESS SPECIFIED			DRAWN BLR 10-04-1999		
				DEC.	INCHES		CHK DRS 10-04-1999		
				.X	±.1		APPD TB 10-04-1999		
3	REVISED TO MATCH M.E. ORIGINAL	TAT 07-25-2005	ML	.XX	±.02	TITLE CONNECTION DIAGRAM 3Ø – WYE START DELTA RUN	SCALE 1=1		
2	REVISED DRAWING MISTAKE CN 29200-2980	ERH 05-15-2003	ML	.XXX	±.005		REF		
1	NEW DRAWING	BLR 10-09-1999		.XXXX	±.0005		FMF		
NO.	REVISION	BY & DATE	CHK	ANG	±'30"	FINISH	PREV		
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				DIST	WA-LB-SB		A	EE7340-LN	3