

# PRODUCT INFORMATION PACKET



Model No: LM33938  
Catalog No: LM33938

..100/75HP..1800/1500RPM.405T.TEFC.230/460 190/380V.3PH.60/50HZ.CONT.40.1.15/1.0SF.RIGID.....

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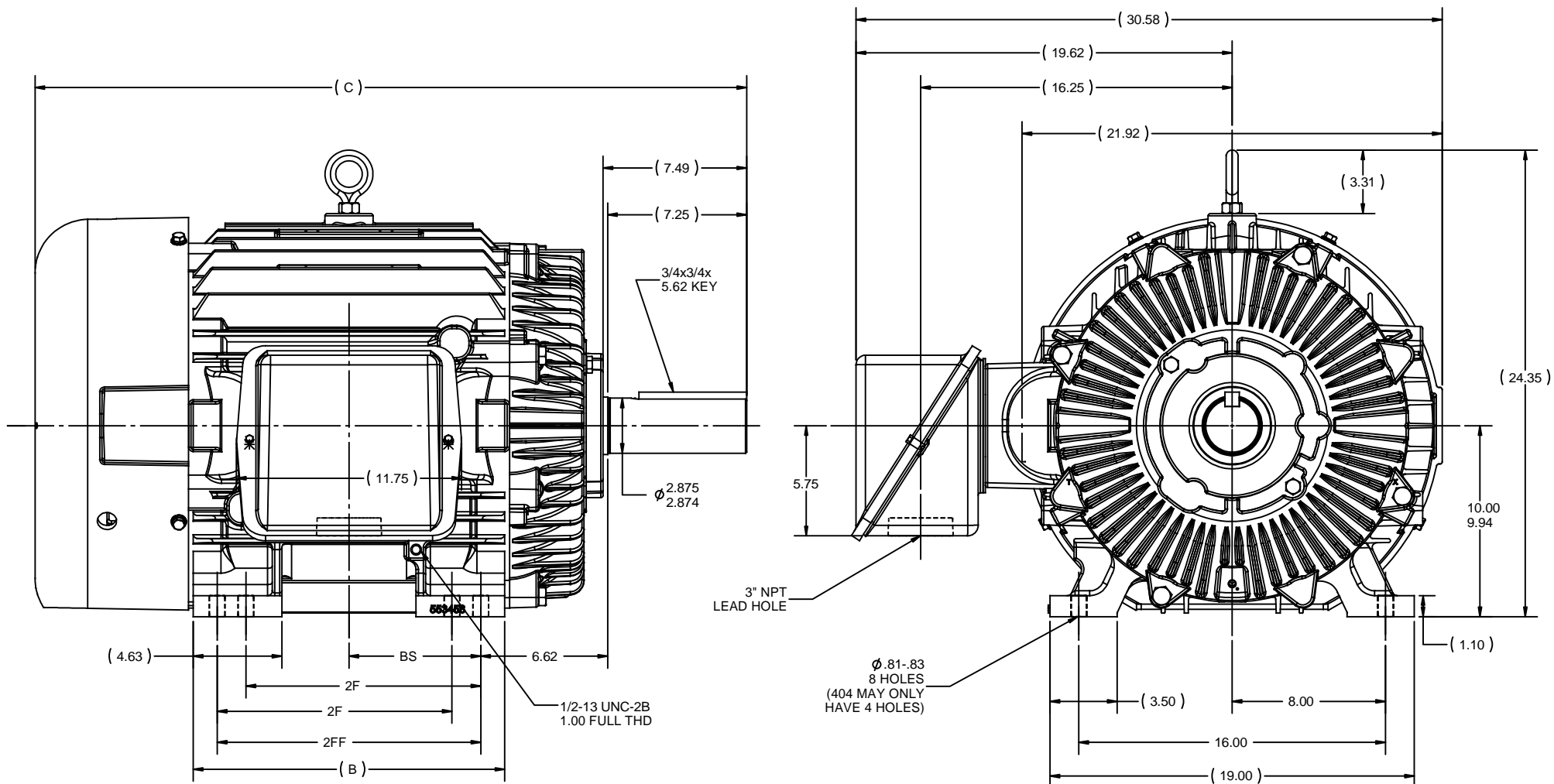
**Nameplate Specifications**

Phase	<b>3</b>	Output HP	<b>100 &amp; 75 Hp</b>
Output KW	<b>75.0 &amp; 56.0 kW</b>	Voltage	<b>460 &amp; 380 V</b>
Speed	<b>1780 &amp; 1485 rpm</b>	Service Factor	<b>1.15 &amp; 1.0</b>
Frame	<b>405T</b>	Enclosure	<b>Totally Enclosed Fan Cooled</b>
Thermal Protection	<b>No Protection</b>	Efficiency	<b>95.4 &amp; 95.8 %</b>
Ambient Temperature	<b>40 °C</b>	Frequency	<b>60 &amp; 50 Hz</b>
Current	<b>113 &amp; 102 A</b>	Power Factor	<b>87</b>
Duty	<b>Continuous</b>	Insulation Class	<b>F</b>
Design Code	<b>B</b>	KVA Code	<b>F</b>
Drive End Bearing Size	<b>6316</b>	Opp Drive End Bearing Size	<b>6313</b>
UL	<b>Recognized</b>	CSA	<b>Y</b>
CE	<b>Y</b>	IP Code	<b>54</b>
Number of Speeds	<b>1</b>		

**Technical Specifications**

Electrical Type	<b>Squirrel Cage Induction Run</b>	Starting Method	<b>Part Wdg Start &amp; Wye Start Delta Run</b>
Poles	<b>4</b>	Rotation	<b>Reversible</b>
Resistance Main	<b>.054 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>Cast Iron</b>
Shaft Type	<b>T</b>	Assembly/Box Mounting	<b>F1/F2 CAPABLE</b>
Outline Drawing	<b>B-SS508859LN-1675</b>	Connection Drawing	<b>A-EE7300BH-LN</b>

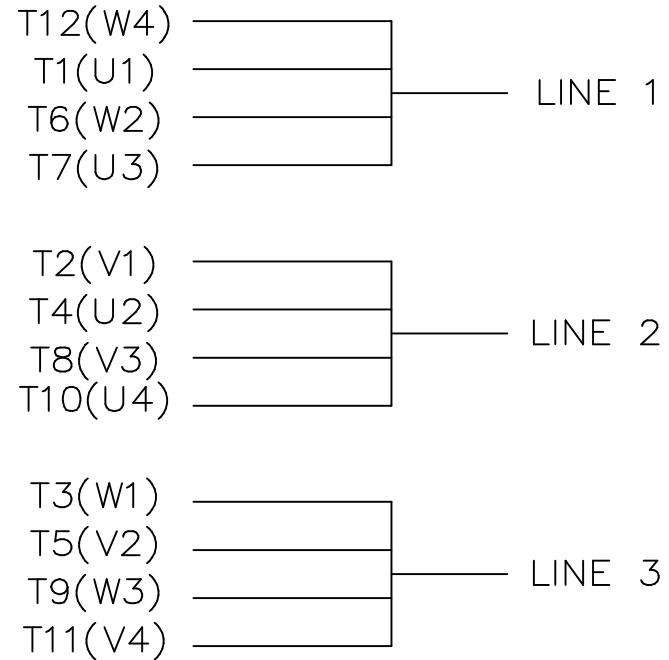
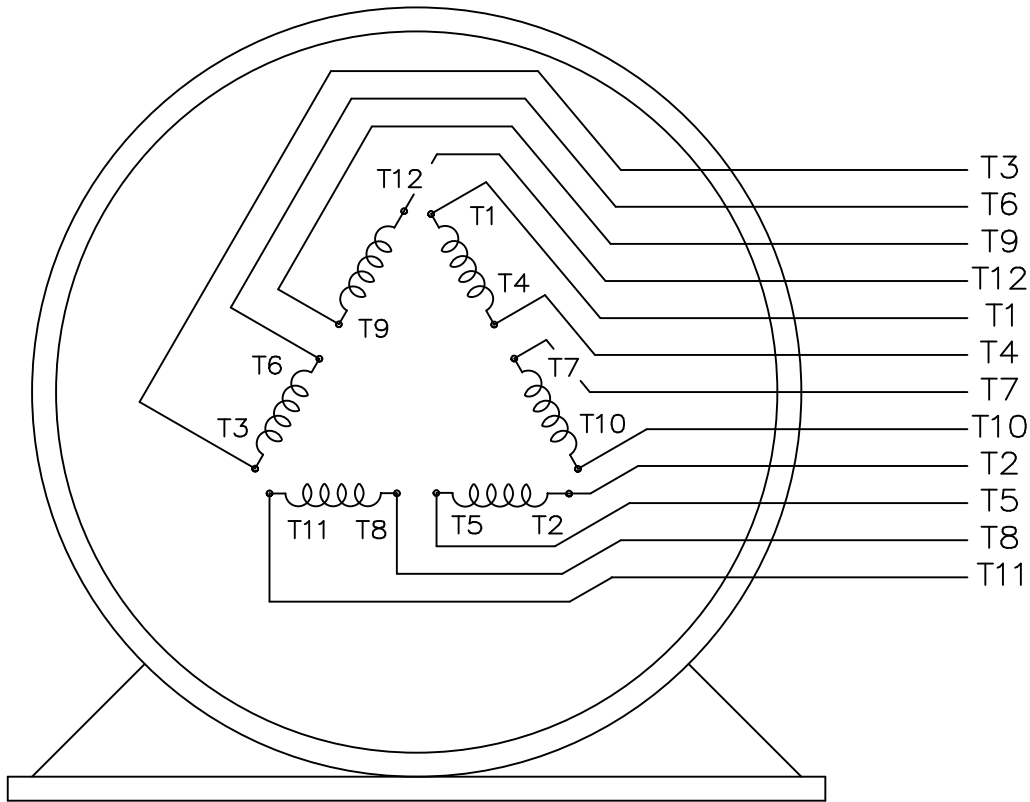
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NOTES:  
 1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS.  
 2. CONDUIT BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°.  
 3. NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

DASH	FRAME	B	C	2F	2FF	BS
1525	404T	14.75	35.62	12.25		6.12
1675	404/405T	16.25	37.14	12.25	13.75	6.88

		TOLERANCES UNLESS SPECIFIED				DRAWN TJW 09-06-2007	
		DEC INCHES				CHK ML 09-06-2007	
		X ±.1		TITLE OUTLINE - TEFC		APPR JES 09-06-2007	
		.XX ±.03		400T FR. - TAPPED LEAD HOLE		SCALE 1:5	
		.XXX ±.005		MATL		REF SS508859	
1		UPDATED FRAME & REDRAWN IN SOLIDWORKS MU102119		JSB 09-13-2011		FMF	
NO		REVISION		BY & DATE		PAGE OF	
		THIRD ANGLE PROJECTION		CHK ANG ±1/2°		FINISH	
				RFP 05-22-1988		PREV	
				NETWORK FILE NAME SS508859LN		SIZE DRAWING NO	
						B SS508859LN	
						REV 1	



VIEW OF TERMINAL END

				TOLERANCES UNLESS SPECIFIED			DRAWN KL 04-23-2002			
				DEC.	INCHES		CHK DJK 04-24-2002			
				.X	±.1		APPD EAB 04-24-2002			
				.XX	±.01		SCALE 1=1			
2	ADDED IEC TERMINAL MARKINGS CN 41429	JJB 05/24/2004	ML	.XXX	±.005	TITLE CONNECTION DIAGRAM - EXTERNAL 12 LEAD - SINGLE VOLTAGE	REF			
1	NEW DRAWING MU41562	KL 04-12-02		.XXXX	±.0005		MAT'L.	FMF		
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	ee7300bh_ln	SIZE	DRAWING NO.	PAGE OF	REV.
				DIST	WA-SB		A	EE7300BH-LN	2	2