

# PRODUCT INFORMATION PACKET



Model No: LM62047

Catalog No: LM62047

..60HP..1800RPM.364TC.TEFC.230/460V.3PH.60HZ.CONT.40C.1.15SF.RIGID-C.....

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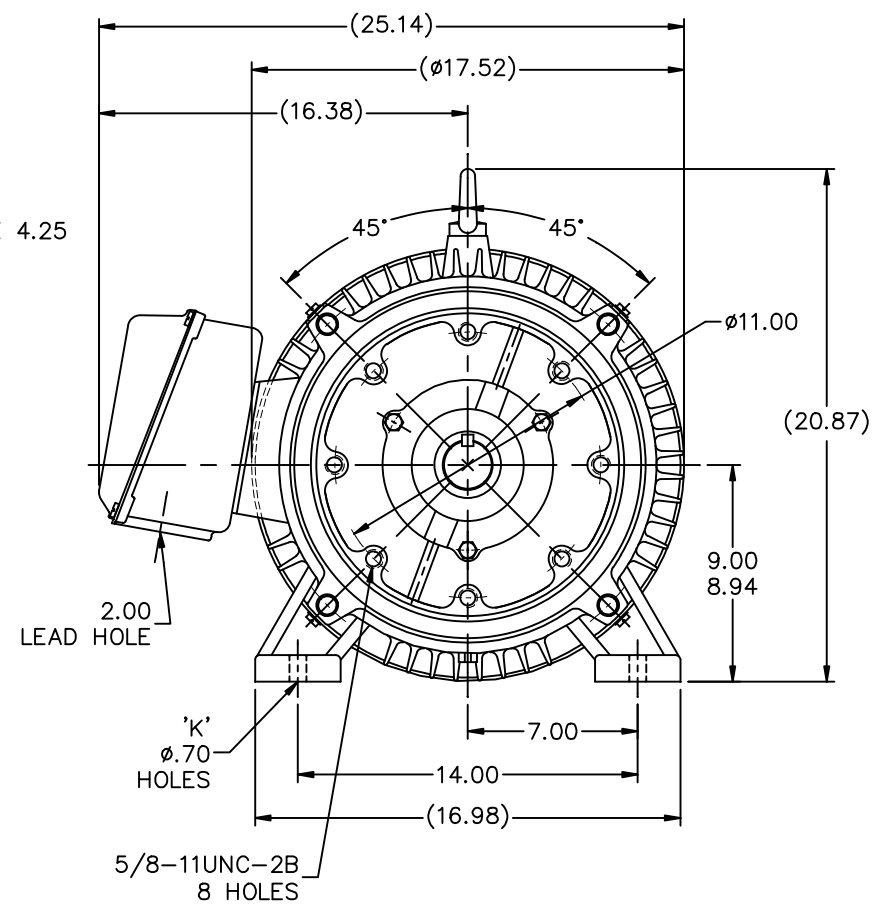
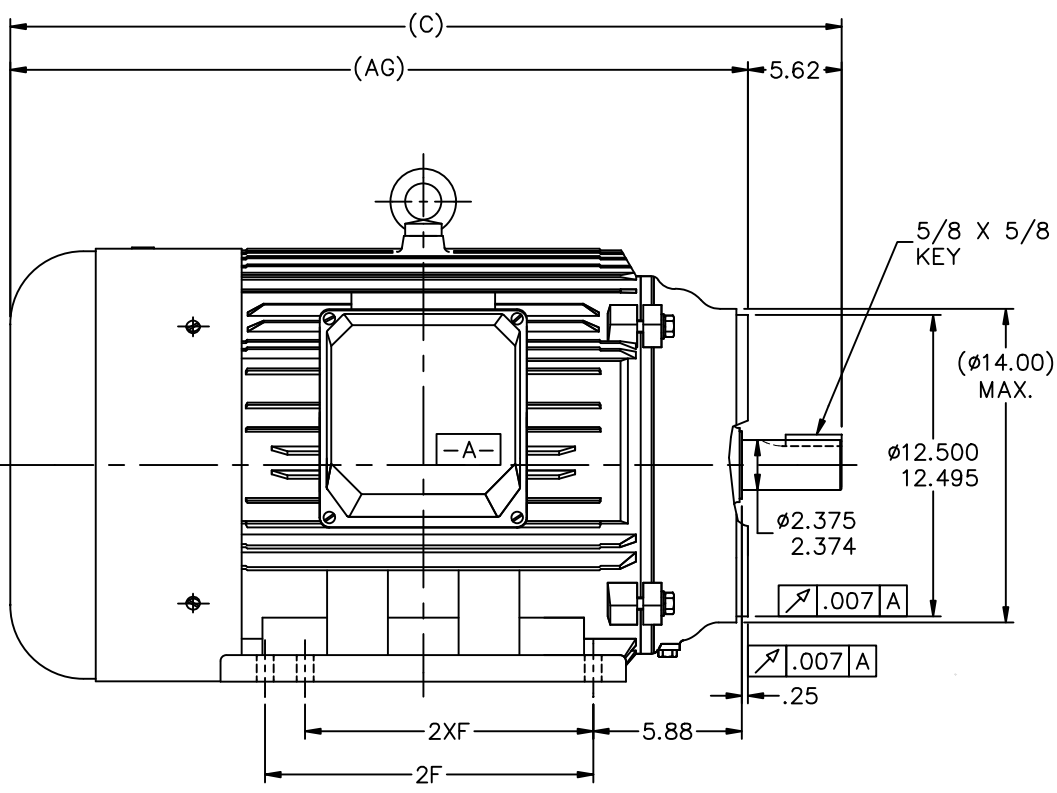
**Nameplate Specifications**

Phase	<b>3</b>	Output HP	<b>60 &amp; 50 Hp</b>
Output KW	<b>45.0 &amp; 37.0 kW</b>	Voltage	<b>208-230/460 &amp; 190/380 V</b>
Speed	<b>1790 &amp; 1490 rpm</b>	Service Factor	<b>1.15 &amp; 1.15</b>
Frame	<b>364TC</b>	Enclosure	<b>Totally Enclosed Fan Cooled</b>
Thermal Protection	<b>No Protection</b>	Efficiency	<b>95.4 &amp; 95 %</b>
Ambient Temperature	<b>40 °C</b>	Frequency	<b>60 &amp; 50 Hz</b>
Current	<b>147-139/69.5 &amp; 140/70 A</b>	Power Factor	<b>84.5</b>
Duty	<b>Continuous</b>	Insulation Class	<b>F</b>
Design Code	<b>B</b>	KVA Code	<b>G</b>
Drive End Bearing Size	<b>6313</b>	Opp Drive End Bearing Size	<b>6313</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 Inverter Rated</b>	Starting Method	<b>Wye Start Delta Run Or Inverter</b>
Poles	<b>4</b>	Rotation	<b>Reversible</b>
Resistance Main	<b>.06 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>
Inverter Load	<b>CONSTANT 10:1</b>		
Outline Drawing	<b>SS622047LN</b>	Connection Drawing	<b>004172.03</b>

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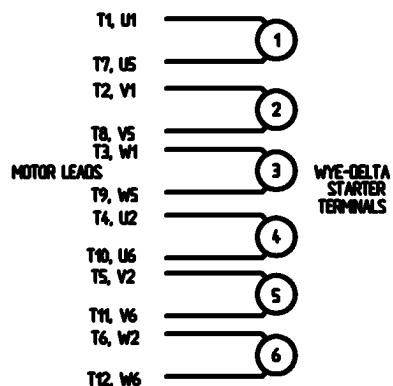
NOT DRAWN TO SCALE

DASH	FRAME	C	AG	B	2F	2XF	K	BS
---	N364TC-4	32.64	27.02	---	11.25	---	4	---
---	N365TC-4	33.62	28.00	---	12.25	11.25	6	---

		TOLERANCES UNLESS SPECIFIED		Lincoln MOTOR		DRAWN JJB 03-11-2011	
		DEC.	INCHES			CHK	DJK 03-11-2011
		.X	±.1			APPD	TB 03-11-2011
		.XX	±.03	TITLE OUTLINE		SCALE	1=1
		.XXX	±.005	364/STC FRAME - C'FACE		REF	
		.XXXX	±.0005	MAT'L		FMF	
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	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	03-14-2011	CAD FILE	SS622047LN
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						B	SS622047LN

WYE - DELTA STARTING USEABLE ON 2,4 AND 6 POLE MOTORS.

LOW VOLTAGE CONNECTION

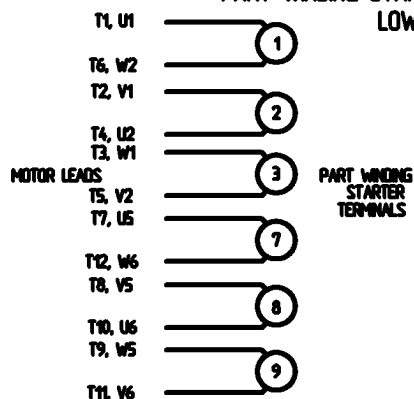


HIGH VOLTAGE CONNECTION



REFER TO THE WYE-DELTA STARTER CONNECTION INSTRUCTIONS FOR PROPER CONNECTION OF POWER LINES TO STARTER.

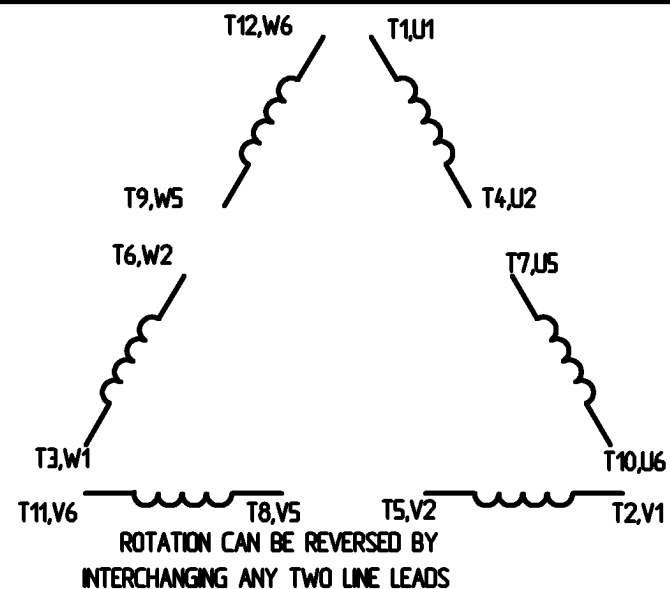
PART WINDING START USABLE ON 4 & 6 POLE MOTORS  
LOW VOLTAGE CONNECTION ONLY



REFER TO THE PART WINDING STARTER INSTRUCTIONS FOR PROPER CONNECTION OF POWER LINES TO STARTER.

REFER TO THE CUTLER - HAMMER OR EQUIV. FOR PROPER SELECTION OF OVERLOAD HEATER COILS.

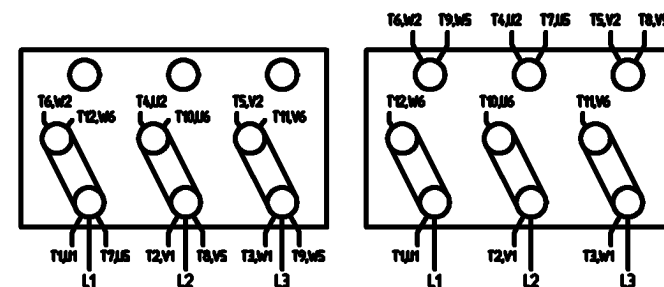
LINE LEADS



12 LEAD DELTA CONNECTION ACROSS THE LINE START  
(FOR Y START DELTA RUN, REMOVE THE JUMPERS)

LOW VOLTAGE  
MUST BE REWIRED  
AS SHOWN

HIGH VOLTAGE  
FACTORY WIRED FOR HIGH  
VOLTAGE AS SHOWN



				TOLERANCES UNLESS SPECIFIED		<b>LEESON</b> ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN	CJW 08/28/02	
				DEC.	INCHES		CHK		
				X	+ .1	TITLE	APPD		
				XX	+ .01	DELTA - WYE CONNECTION DIAGRAM IEC CAST IRON MOTORS	SCALE	1:1	
				XXX	+ .005		REF		
				XXXX	+ .0005	MAT'L	FMF		
NO.	REVISION	BY & DATE	CHK	ANG	+ 1/2°	FINISH	PREV		
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