PRODUCT INFORMATION PACKET

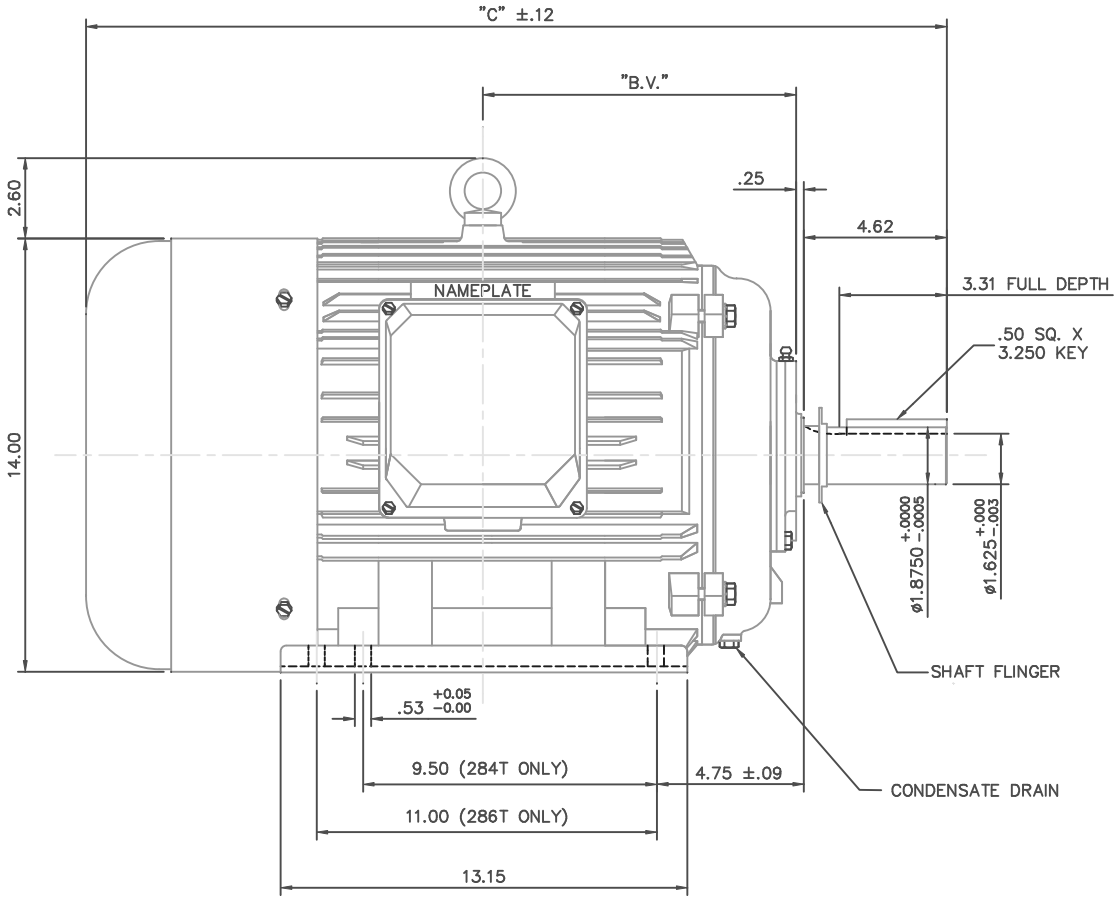
Model No: LM60047
Catalog No: LM60047
OBSOLETE - REPLACED BY 199025.00 - 30/25,1800/1500,TEFC,286T,3/60/50/208-230/460-190/380

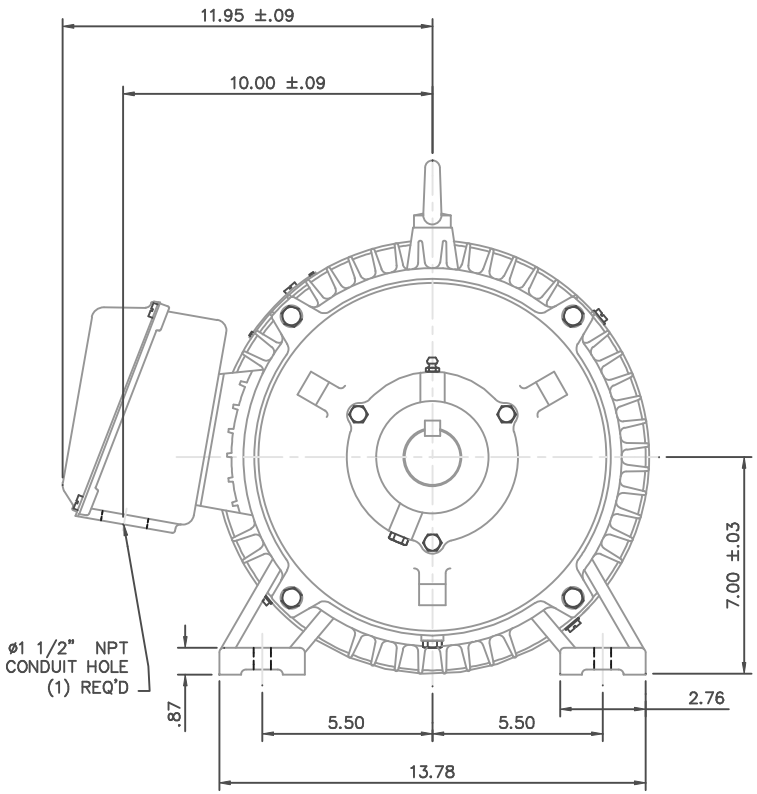
Nameplate Specifications

Phase	3	Output HP	30 & 25 Hp
Output KW	22.4 & 18.7 kW	Voltage	230/460 & 190/380 V
Speed	1780 & 1480 rpm	Service Factor	1.15 & 1.15
Frame	286T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	94.1 & 93 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	70/35 & 71/35.5 A	Power Factor	85.6
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	H
Drive End Bearing Size	6311	Opp Drive End Bearing Size	6309
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Wye Start Delta Run
Poles	4	Rotation	Reversible
Resistance Main	.052 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	16953960LN	Connection Drawing	004172.03LN





NOTE: 286T HAS 6 MTG. HOLES,
USING 284T AND 286T LOCATIONS

FRAME DESIGN	"C"	"BV"
284T	26.26	9.65
286T	27.83	10.43

NO.	REVISION	BY & DATE	CHK
02	REDRAWN TO CURRENT CAD STANDARDS	CJK 11/1/01	
01	ADDED HOLE FOR 286T BASE	JJK 07/13/99	

TOLERANCES UNLESS SPECIFIED

DEC.	INCHES
.X	±.1
.XX	±.03
.XXX	±.005
.XXXX	±.0005
ANG	±1/2°

Lincoln MOTORS

TITLE: OUTLINE-280T FRAME, TEFC-RIGID NEW CONDUIT BOX

MAT'L.: CAST IRON

FINISH:

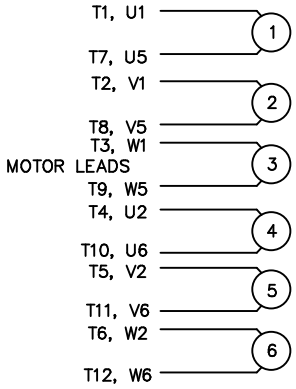
DRAWN CJK 07/016/01
CHK
APPD
SCALE 1=4
REF
FMF
PREV

RFP
DIST
CAD FILE 16953960LN

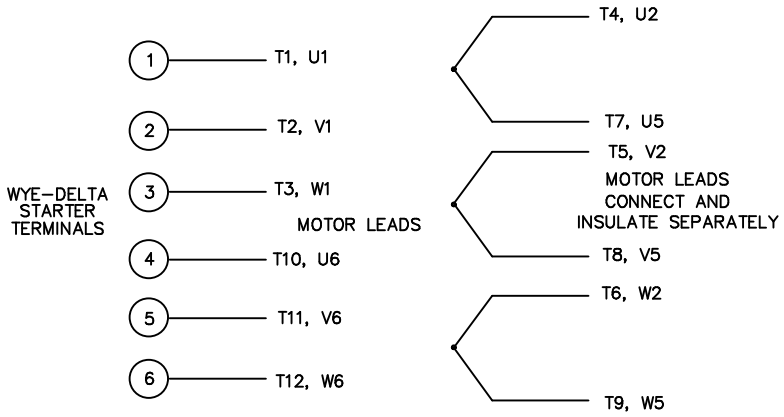
SIZE	DRAWING NO.	REV.
B	169539-60LN	02

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

LOW VOLTAGE CONNECTION

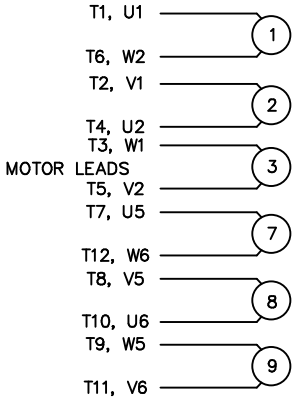


HIGH VOLTAGE CONNECTION



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

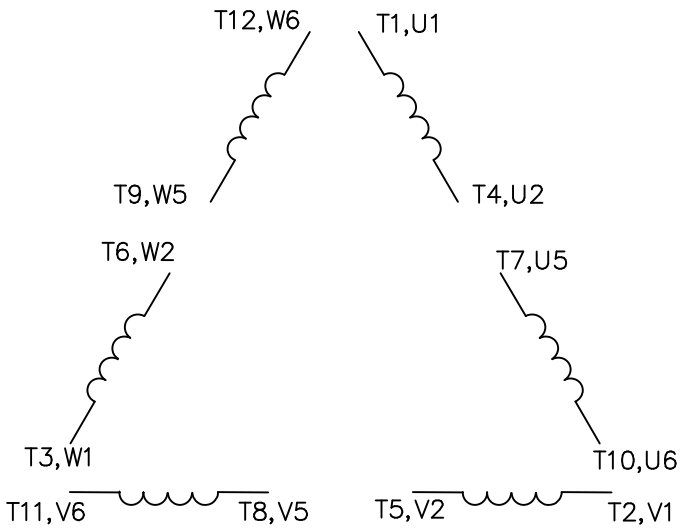
PART WINDING START USABLE ON 4 & 6 POLE MOTORS LOW VOLTAGE CONNECTION ONLY



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.

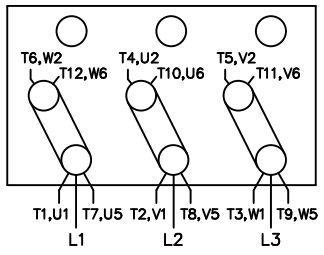
LINE LEADS



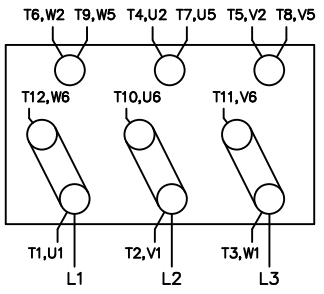
ROTATION CAN BE REVERSED BY INTERCHANGING ANY TWO LINE LEADS

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			
				DEC.	INCHES		DRAWN RJW 09–12–2005
				.X	±.1		CHK ML 09–12–2005
				.XX	±.02		APPD GK 09–12–2005
				.XXX	±.005	TITLE DELTA – WYE CONNECTION DIAGRAM IEC CAST IRON MOTORS	SCALE
				.XXXX	±.0005		REF
						MAT'L.	FMF
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH	PREV

RFP 09–12–2005
DIST WA–PR
CAD FILE 00417203LN

SIZE	DRAWING NO.	PAGE	OF	REV.
A	004172–03–LN			

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