PRODUCT INFORMATION PACKET

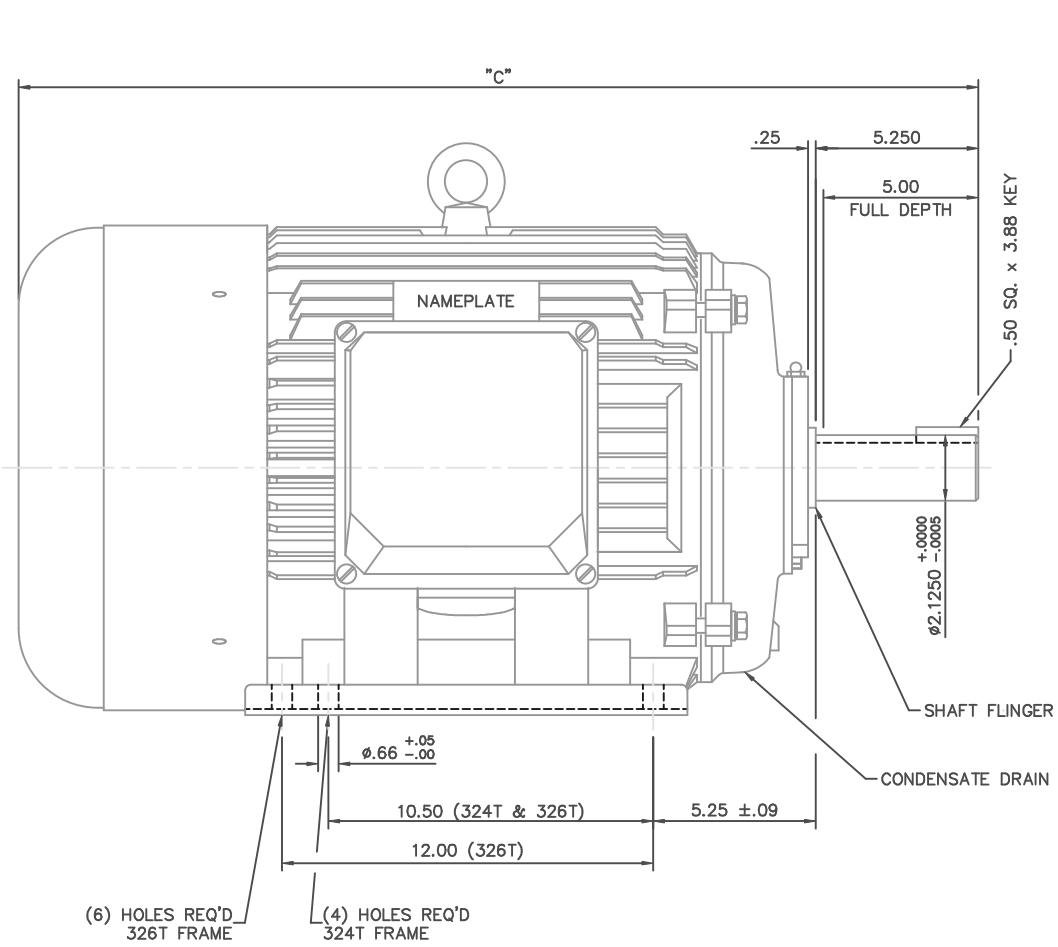
Model No: LM60045
Catalog No: LM60045
OBSOLETE - REPLACED BY 199023.00 - 25/20,1200/1000,TEFC,324T,3/60/50/208-230/460-190/380

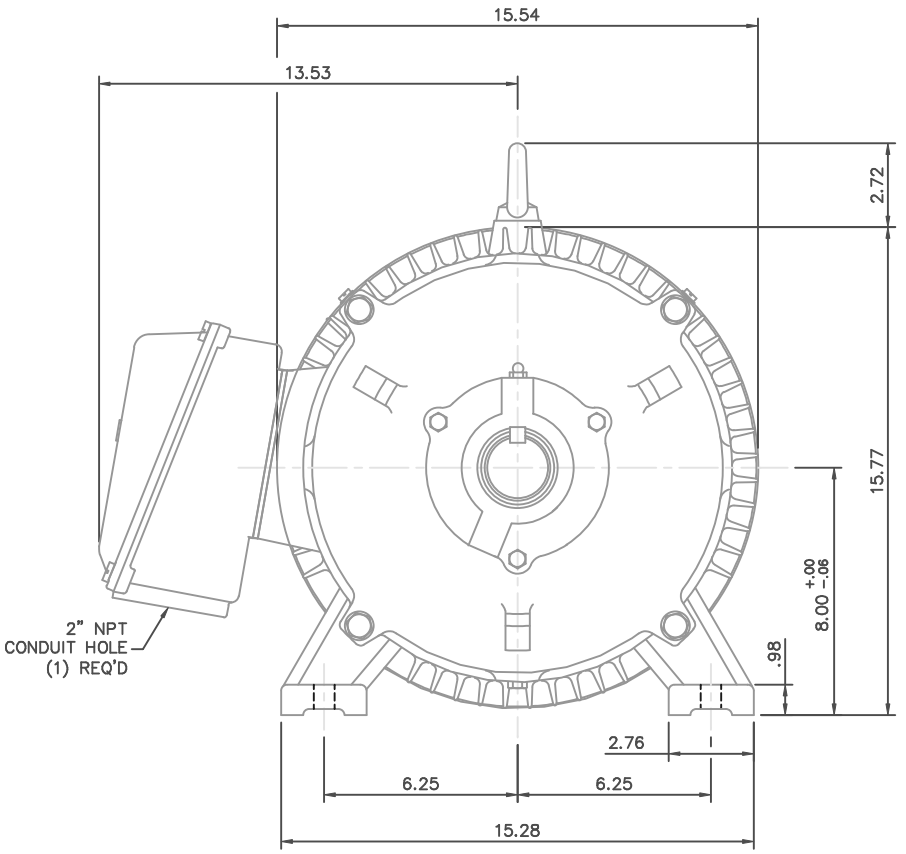
Nameplate Specifications

Phase	3	Output HP	25 & 20 Hp
Output KW	18.7 & 14.9 kW	Voltage	208-230/460 & 190/380 V
Speed	1190 & 990 rpm	Service Factor	1.15 & 1.15
Frame	324T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	93.6 & 92.4 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	72-66/33 & 62/31 A	Power Factor	76
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6312	Opp Drive End Bearing Size	6312
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	6	Rotation	Reversible
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	16954160LN	Connection Drawing	004172.03LN





FRAME DESIGN	"C"
324T	29.53
326T	31.02

NO.	REVISION	BY & DATE	CHK
01	ADDED HOLE FOR 326T 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 – 320T FRAME TEFC – RIGID

MAT'L.: CAST IRON

FINISH:

RFP:

DIST:

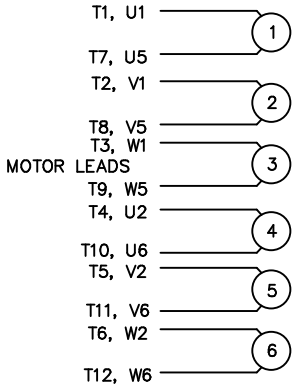
CAD FILE: 16954160LN

DRAWN	JJK 03/29/99
CHK	
APPD	PG 03/31/99
SCALE	1=4
REF	169504
FMF	
PREV	

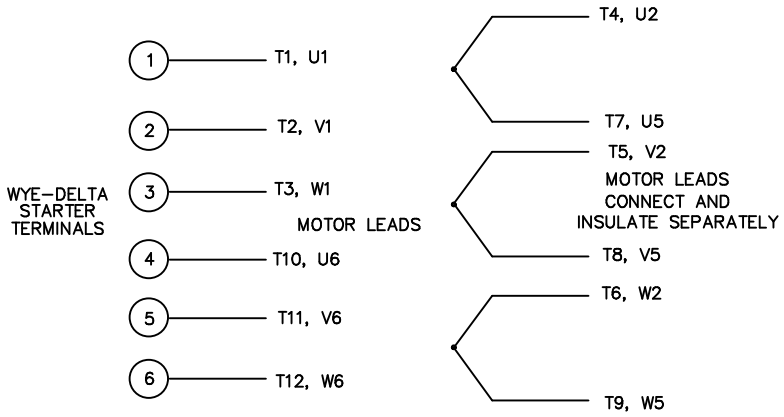
SIZE: B | DRAWING NO.: 169541–60LN | REV.: 01

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

LOW VOLTAGE CONNECTION

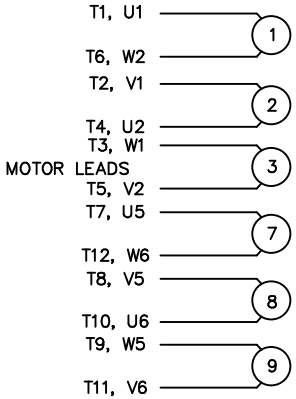


HIGH VOLTAGE CONNECTION



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

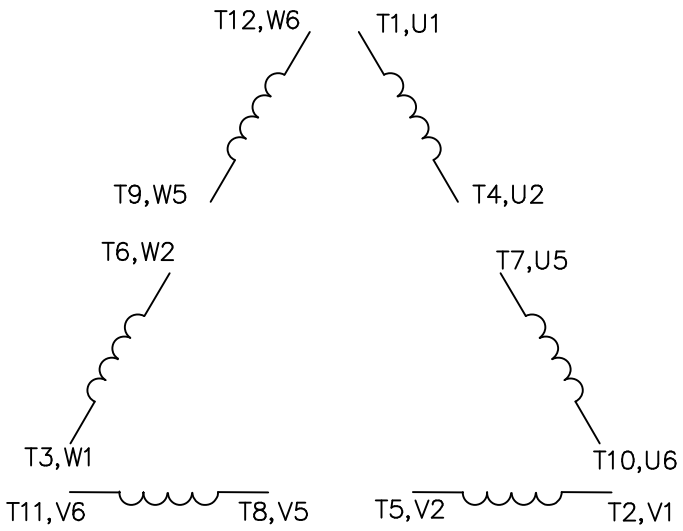
PART WINDING START USABLE ON 4 & 6 POLE MOTORS LOW VOLTAGE CONNECTION ONLY



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.

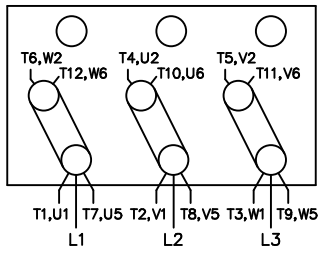
LINE LEADS



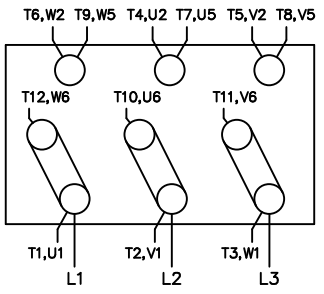
ROTATION CAN BE REVERSED BY INTERCHANGING ANY TWO LINE LEADS

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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