PRODUCT INFORMATION PACKET

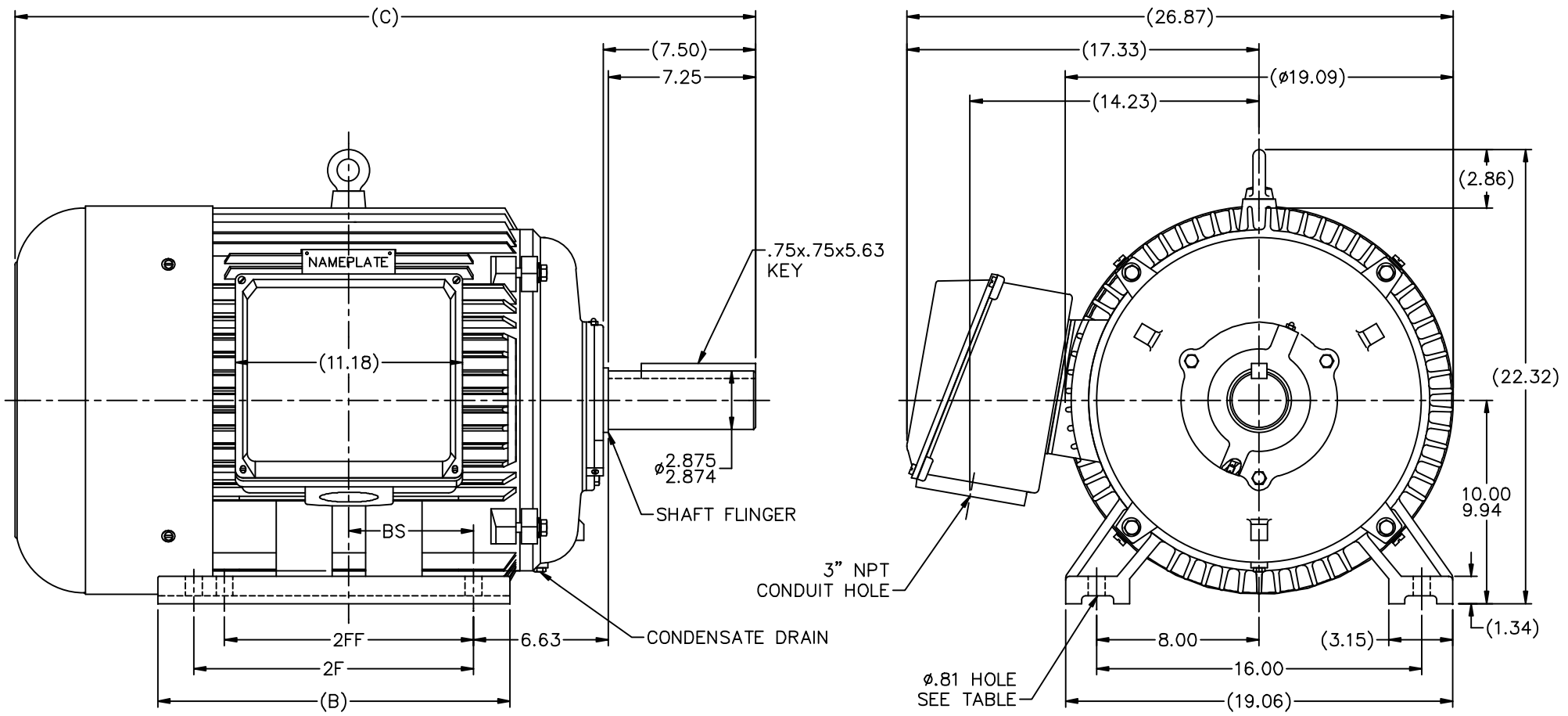
Model No: LM60060
Catalog No: LM60060
OBSOLETE,
REPLACED BY 199038.00 - 75HP..1200RPM.405T.TEFC.230/460V.3PH.60HZ.CONT.40C.1.15SF.RIGID.....

Nameplate Specifications

Phase	3	Output HP	75 & 60 Hp
Output KW	56.0 & 45.0 kW	Voltage	208-230/460 & 190/380 V
Speed	1190 & 990 rpm	Service Factor	1.15 & 1.15
Frame	405T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Thermostat	Efficiency	95 & 94.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	197-176/88 & 168/84 A	Power Factor	84
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6316	Opp Drive End Bearing Size	6314
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	6	Rotation	Reversible
Resistance Main	.0696 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	16954560LN	Connection Drawing	004172.03LN



DASH	FRAME	C	B	2F	2FF	BS	HOLE QTY
1681	404T	36.42	15.83	12.25	–	5.39	4
1831	405T	37.91	17.32	13.75	12.25	6.14	6

NO.	REVISION	BY & DATE	CHK
2	CORRECTED FOOT MOUNTING HOLES DISCRIPTION	MOL 10-21-2011	
1	NEW DRAWING	CTO 08-30-2002	SB

TOLERANCES UNLESS SPECIFIED

DEC.	INCHES
.X	±.1
.XX	±.03
.XXX	±.005
.XXXX	±.0005
ANG	±7'30"

Lincoln MOTORS

TITLE OUTLINE – RIGID
400T FR. – TEFC

MAT'L.

FINISH

CAD FILE 16954560ln

RFP

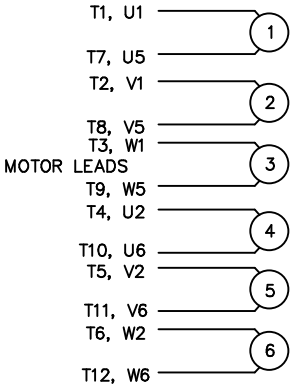
DIST WA

DRAWN CTO 08-21-2002
CHK ML 08-29-2002
APPD SB 08-30-2002
SCALE 1=4.75
REF
FMF
PREV

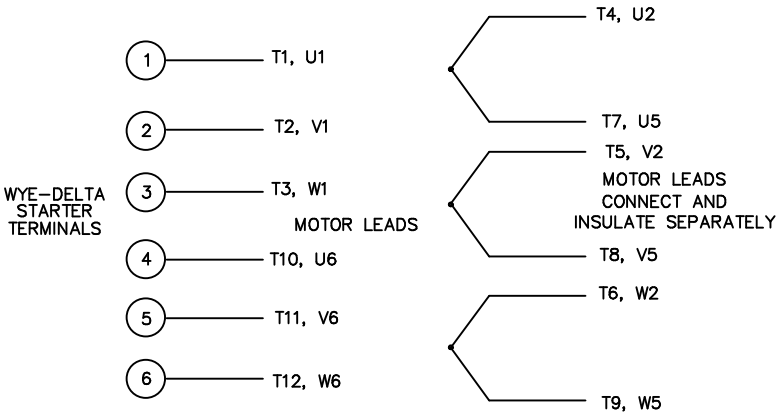
SIZE	DRAWING NO.	PAGE OF	REV.
B	169545-60LN		2

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

LOW VOLTAGE CONNECTION

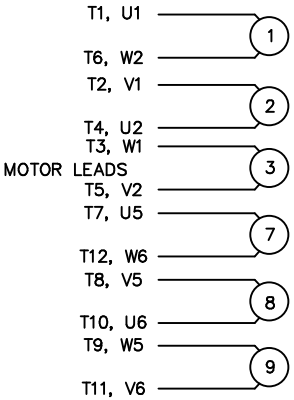


HIGH VOLTAGE CONNECTION



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

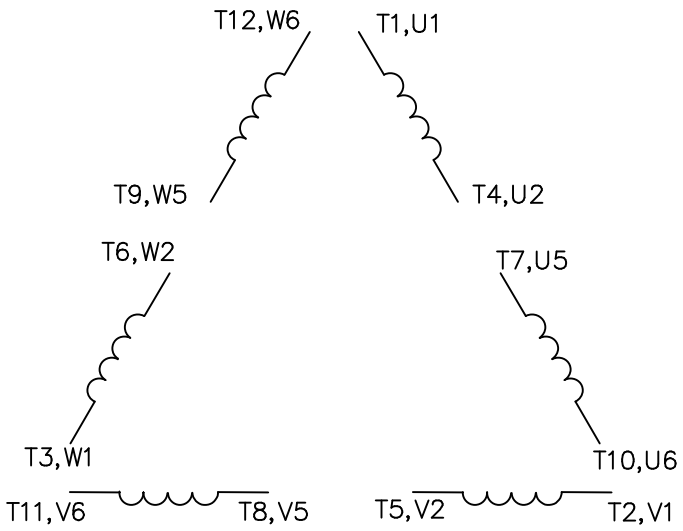
PART WINDING START USABLE ON 4 & 6 POLE MOTORS
LOW VOLTAGE CONNECTION ONLY



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.

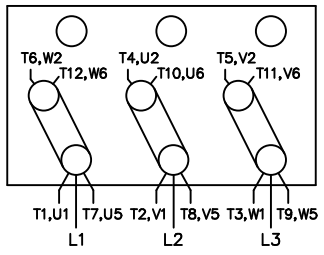
LINE LEADS



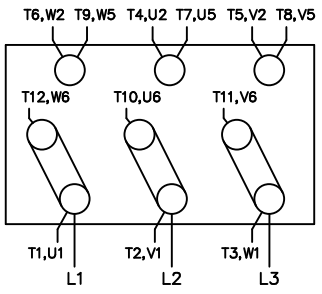
ROTATION CAN BE REVERSED BY INTERCHANGING ANY TWO LINE LEADS

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)



NO.	REVISION	BY & DATE	CHK

TOLERANCES UNLESS SPECIFIED

DEC.	INCHES
.X	±.1
.XX	±.02
.XXX	±.005
.XXXX	±.0005
ANG	±7'30"

Lincoln MOTORS

TITLE DELTA – WYE CONNECTION DIAGRAM
IEC CAST IRON MOTORS

MAT'L.
FINISH
CAD FILE 00417203LN
RFP 09–12–2005
DIST WA–PR

DRAWN RJW 09–12–2005
CHK ML 09–12–2005
APPD GK 09–12–2005
SCALE
REF
FMF
PREV

SIZE A
DRAWING NO. 004172–03–LN
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