PRODUCT INFORMATION PACKET

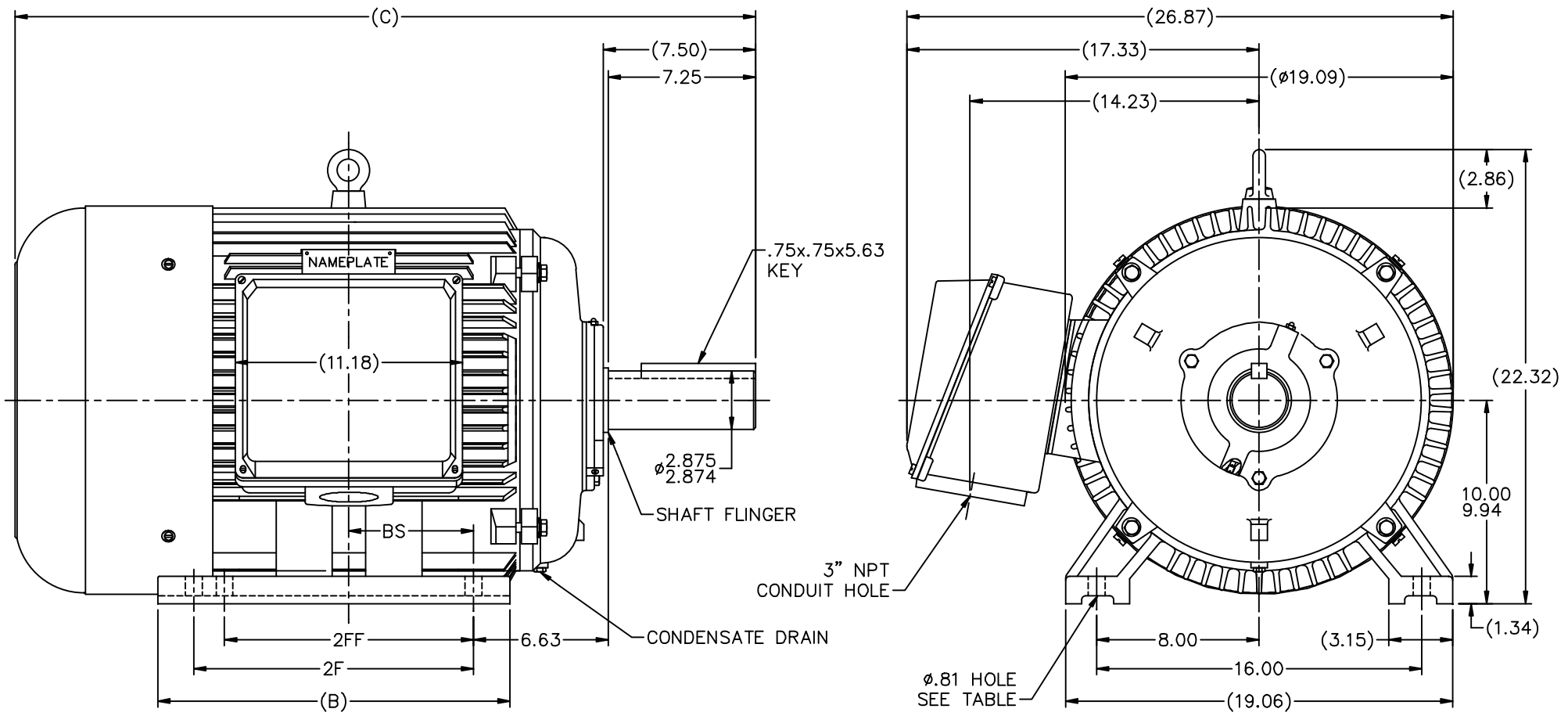
Model No: LM60057
Catalog No: LM60057
OBSOLETE,
REPLACED BY 199035.00 - 60HP..1200RPM.404T.TEFC.230/460V.3PH.60HZ.CONT.40C.1.15SF.RIGID.....

Nameplate Specifications

Phase	3	Output HP	60 & 50 Hp
Output KW	45.0 & 37.0 kW	Voltage	208-230/460 & 190/380 V
Speed	1190 & 990 rpm	Service Factor	1.15 & 1.15
Frame	404T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Thermostat	Efficiency	94.5 & 94.1 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	154-142/71 & 140/70 A	Power Factor	83.4
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	NONE	Opp Drive End Bearing Size	NONE
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
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

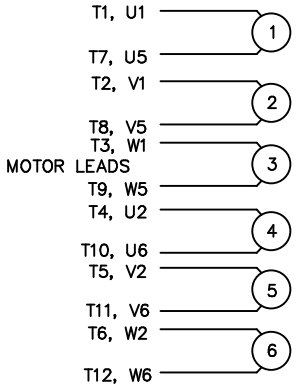
MAT'L.
FINISH
CAD FILE 16954560ln
RFP
DIST WA

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

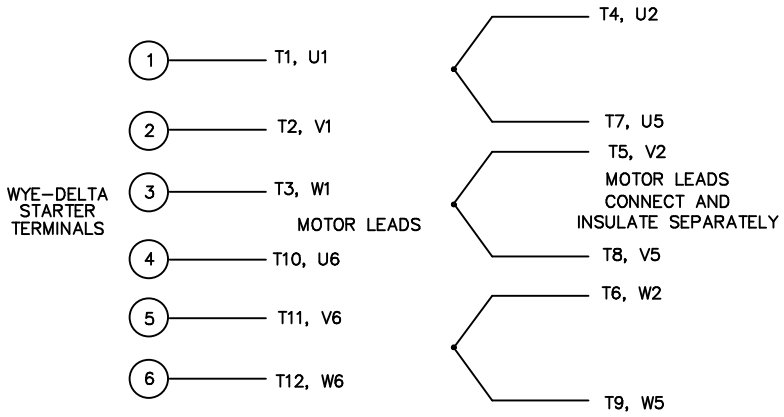
SIZE	DRAWING NO.	PAGE OF	REV.
B	169545-60LN		2

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

LOW VOLTAGE CONNECTION

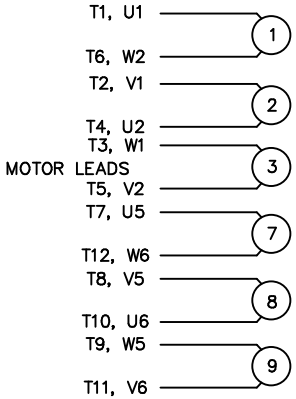


HIGH VOLTAGE CONNECTION



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

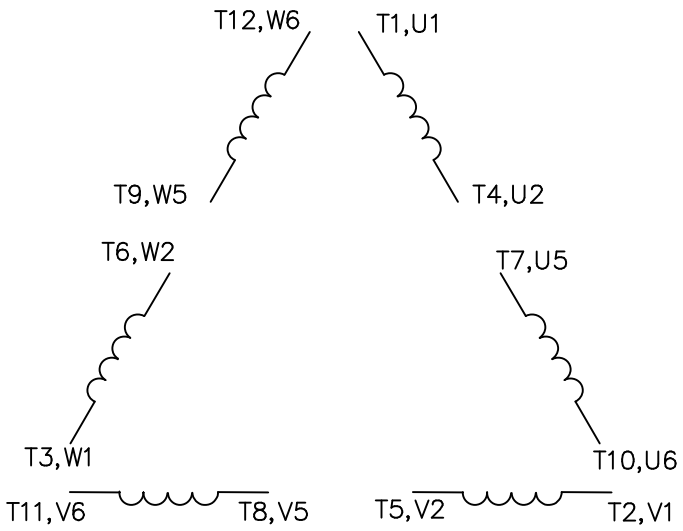
PART WINDING START USABLE ON 4 & 6 POLE MOTORS LOW VOLTAGE CONNECTION ONLY



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.

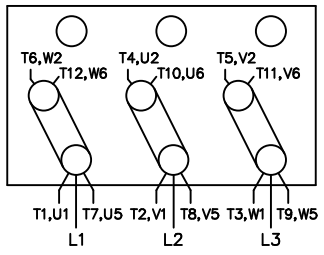
LINE LEADS



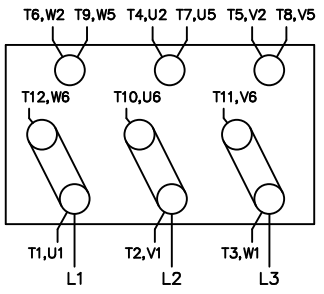
ROTATION CAN BE REVERSED BY INTERCHANGING ANY TWO LINE LEADS

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)



				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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