PRODUCT INFORMATION PACKET

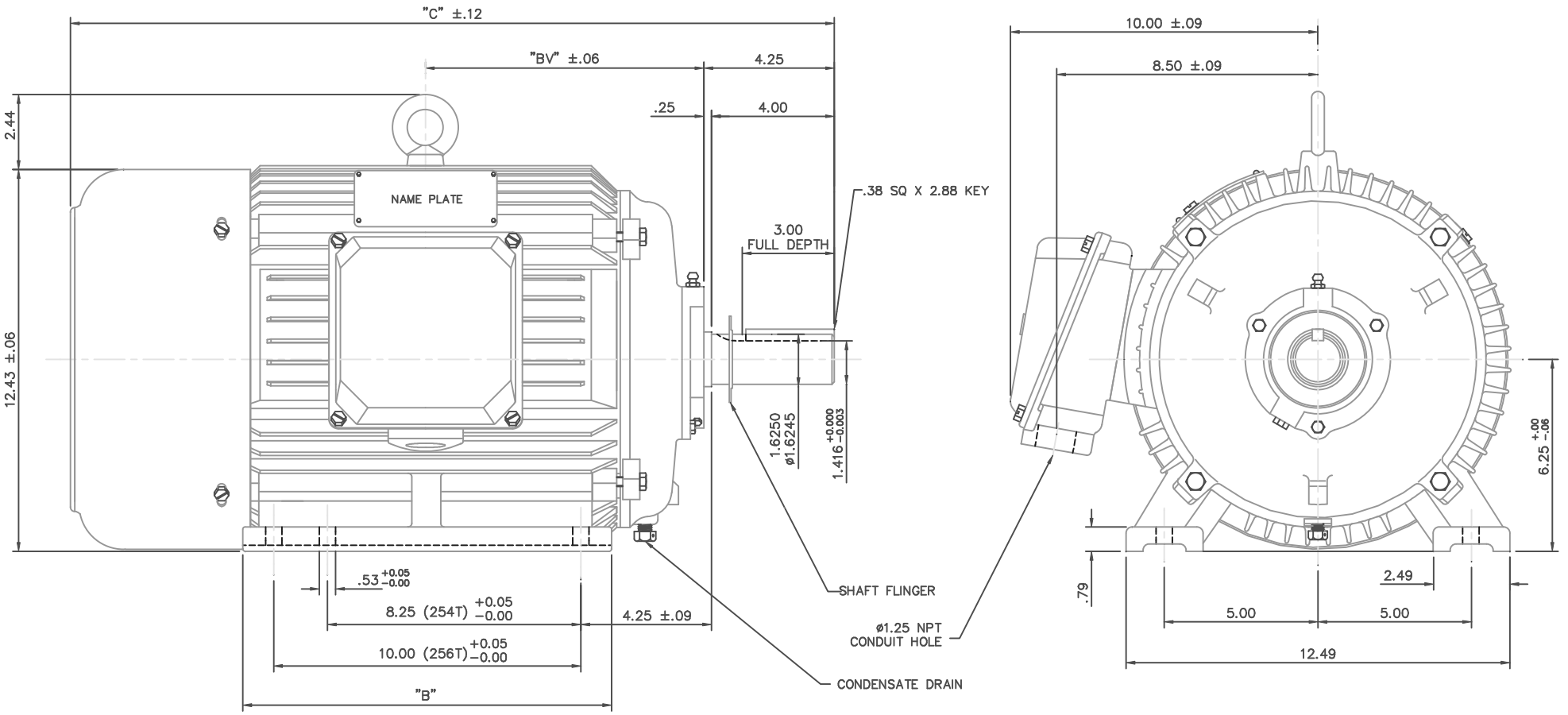
Model No: LM60040
Catalog No: LM60040
OBSOLETE,
REPLACED BY 199018.00 -..20HP..3600RPM.256T.TEFC.230/460V.3PH.60HZ.CONT.40C.1.15SF.RIGID.....

Nameplate Specifications

Phase	3	Output HP	20 & 15 Hp
Output KW	14.9 & 11.2 kW	Voltage	208-230/460 & 190/380 V
Speed	3550 & 2957 rpm	Service Factor	1.15 & 1.15
Frame	256T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	92.4 & 92.4 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	49-46/23 & 40/20 A	Power Factor	88.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6308
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	2	Rotation	Reversible
Resistance Main	.295 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	16953860LN	Connection Drawing	004172.03LN



NOTE: 256T HAS 6 MTG. HOLES, USING BOTH 254T AND 256T "2F" LOCATIONS.

FRAME	"C"	"B"	"BV"
254T	23.19	10.25	8.19
256T	24.92	12.00	9.06

NO.	REVISION	BY & DATE	CHK
01	REDRAWN TO CURRENT CAD STANDARDS	CJK 8/3/01	

TOLERANCES UNLESS SPECIFIED

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

Lincoln MOTORS

TITLE: OUTLINE – 250 FRAME TEFC – RIGID, NEW CON-BOX

MAT'L.: CAST IRON

FINISH:

CAD FILE: 16953860LN

RFP:

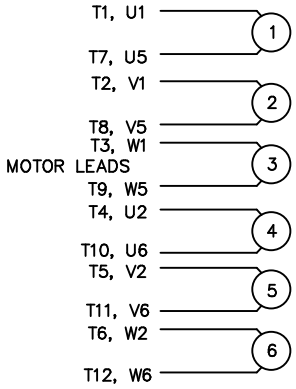
DIST:

DRAWN	DRZ 05/22/01
CHK	
APPD	
SCALE	5=16
REF	
FMF	
PREV	

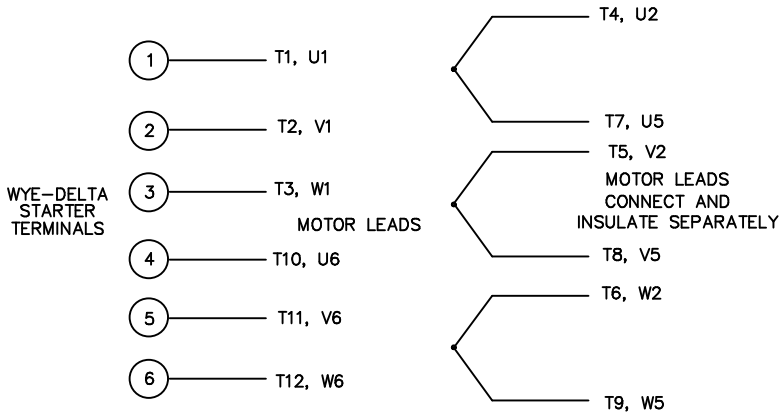
SIZE: B | DRAWING NO.: 169538-60LN | REV.: 01

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

LOW VOLTAGE CONNECTION

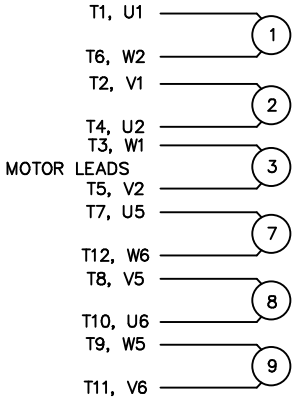


HIGH VOLTAGE CONNECTION



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

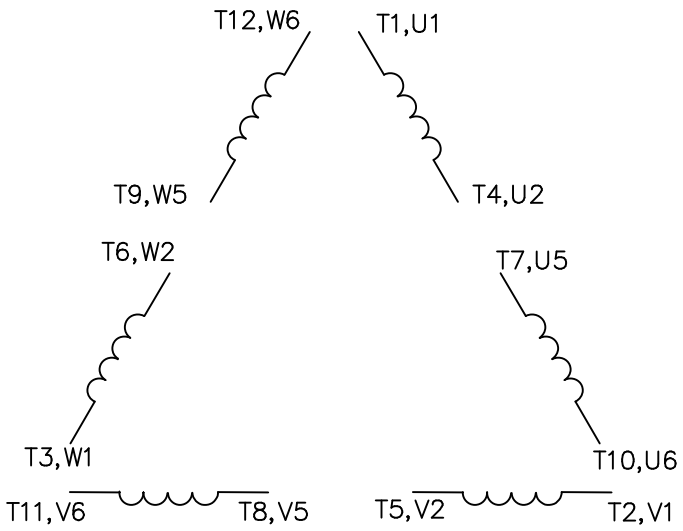
PART WINDING START USABLE ON 4 & 6 POLE MOTORS LOW VOLTAGE CONNECTION ONLY



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.

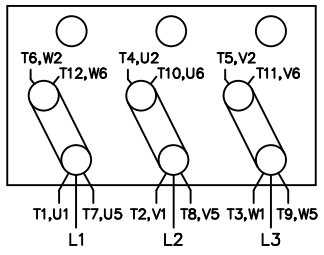
LINE LEADS



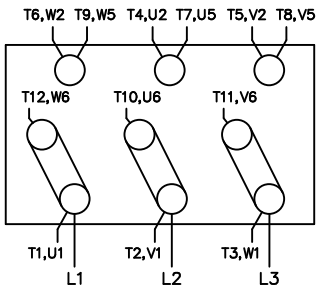
ROTATION CAN BE REVERSED BY INTERCHANGING ANY TWO LINE LEADS

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.
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