PRODUCT INFORMATION PACKET

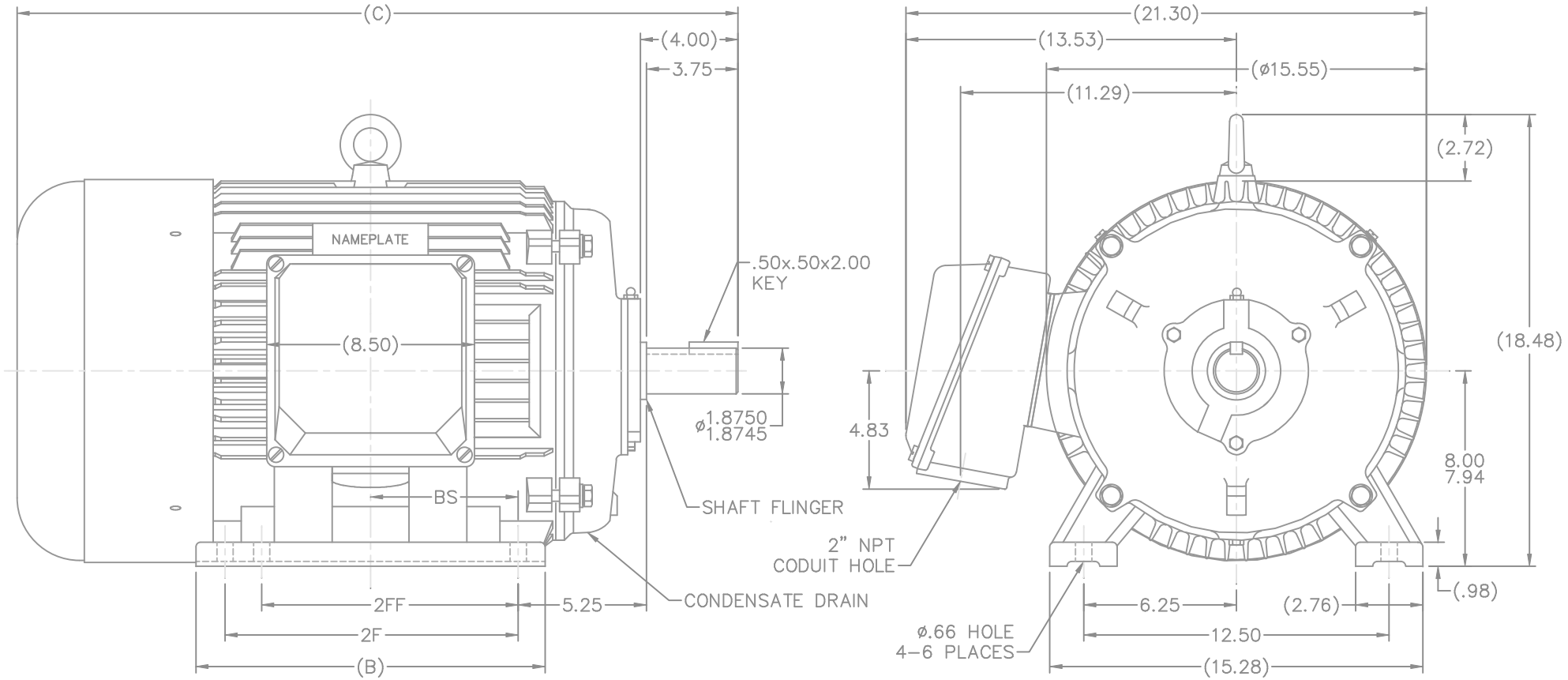
Model No: LM60052
Catalog No: LM60052
OBSOLETE - use 326TSTFCD6001 - 50/40,3600/3000,TEFC,326TS,3/60/50/208-230/460#190/380

Nameplate Specifications

Phase	3	Output HP	50 & 40 Hp
Output KW	37.0 & 30.0 kW	Voltage	208-230/460 & 190/380 V
Speed	3565 & 2965 rpm	Service Factor	1.15 & 1.15
Frame	326TS	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	94.1 & 94.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	123-112/56 & 100/50 A	Power Factor	88.5
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	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	.085 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	TS	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	16954260LN	Connection Drawing	004172.03LN



DASH	FRAME	C	AG	B	2F	2FF	2FFF	BS
1516	326TS	29.53	––	14.30	12.00	––	––	6.04
1366	324TS	3803	––	12.80	––	10.50	––	5.29

NO.	REVISION	BY & DATE	CHK
1	NEW DRAWING	CTO 08-27-2002	

TOLERANCES UNLESS SPECIFIED

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

Lincoln MOTORS

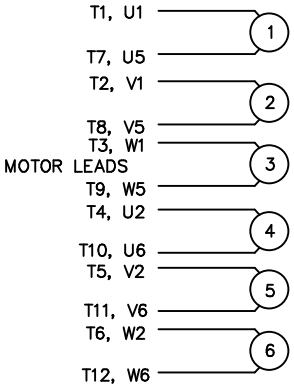
DRAWN CTO 08–21–2002
CHK ML 08–21–2002
APPD SB 08–26–2002
SCALE 1=4
REF
FMF
PREV

TITLE OUTLINE – RIGID
320TS FR. – TEFC
MAT'L.
FINISH
CAD FILE 16954260LN
RFP
DIST WA

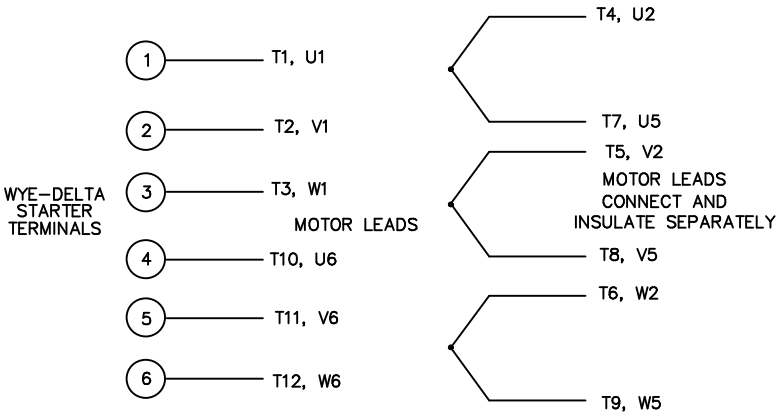
SIZE B | DRAWING NO. 169542–60LN | PAGE OF | REV. 1

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

LOW VOLTAGE CONNECTION

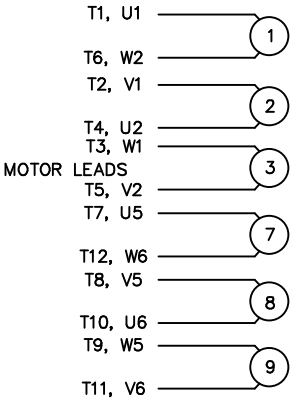


HIGH VOLTAGE CONNECTION



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

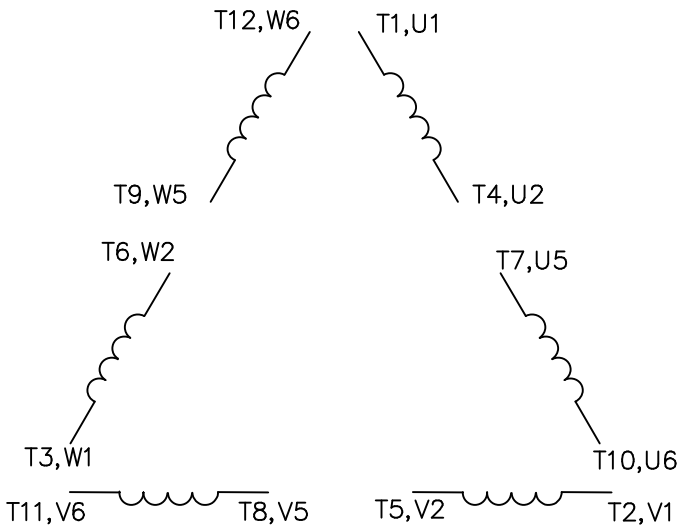
PART WINDING START USABLE ON 4 & 6 POLE MOTORS
LOW VOLTAGE CONNECTION ONLY



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.

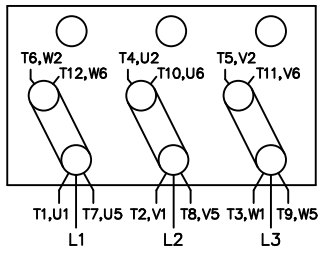
LINE LEADS



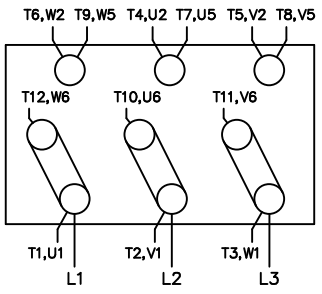
ROTATION CAN BE REVERSED BY INTERCHANGING ANY TWO LINE LEADS

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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