PRODUCT INFORMATION PACKET

Model No: LM60056
Catalog No: LM60056
..60HP..1800RPM.364T.TEFC.230/460V.3PH.60HZ.CONT.40C.1.15SF.RIGID.....

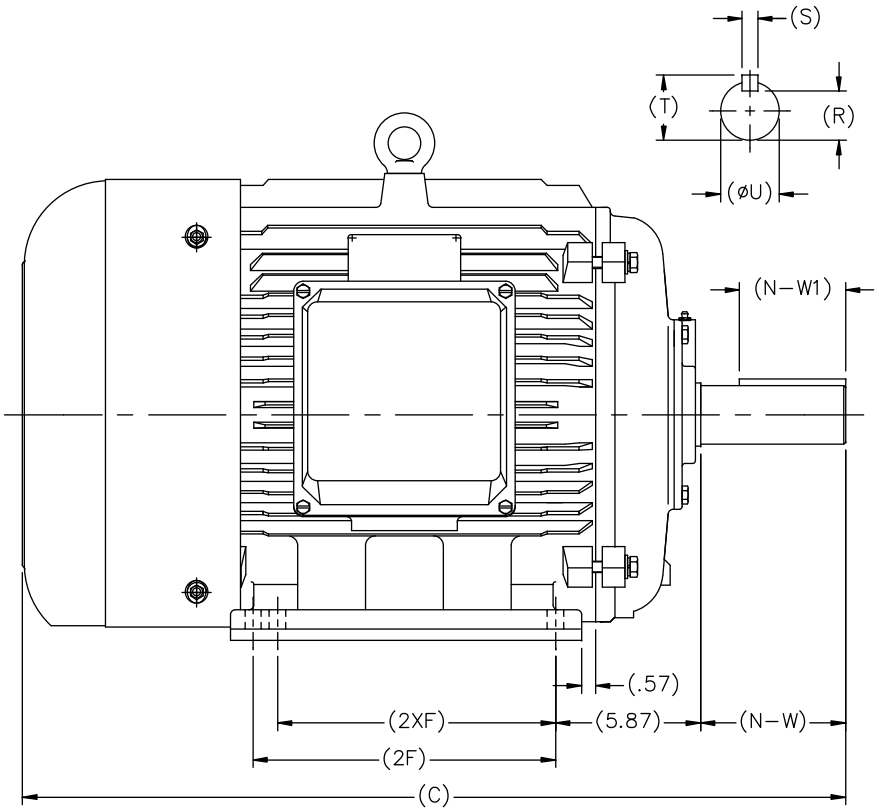
Nameplate Specifications

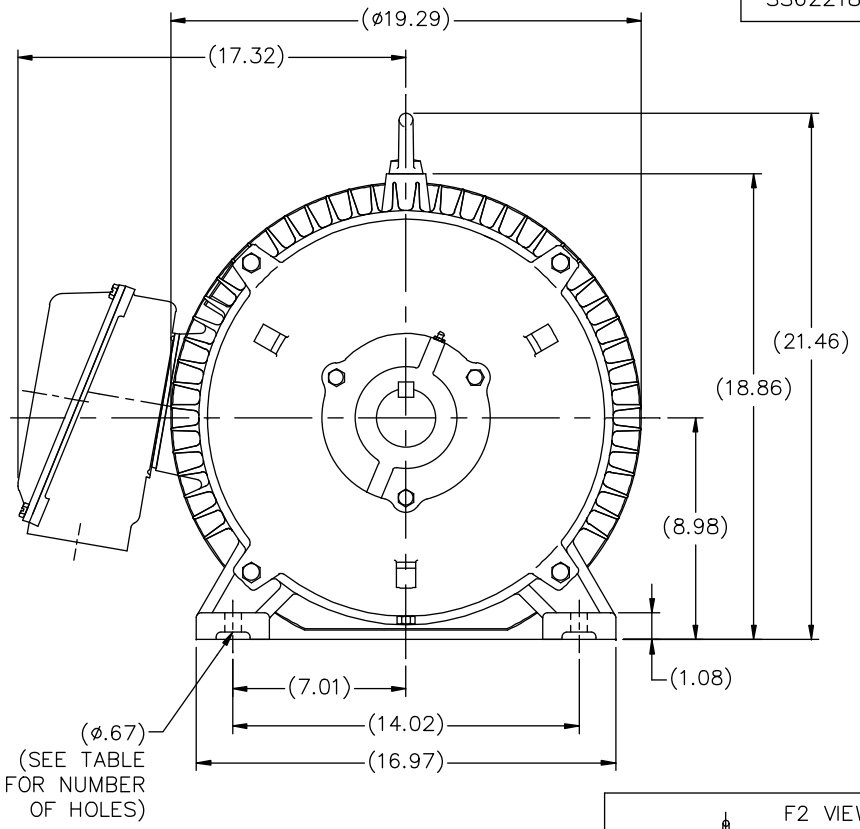
Phase	3	Output HP	60 & 50 Hp
Output KW	45.0 & 37.0 kW	Voltage	208-230/460 & 190/380 V
Speed	1790 & 1490 rpm	Service Factor	1.15 & 1.15
Frame	364T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	95.4 & 95 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	147-139/69.5 & 140/70 A	Power Factor	84.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6313	Opp Drive End Bearing Size	6313
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

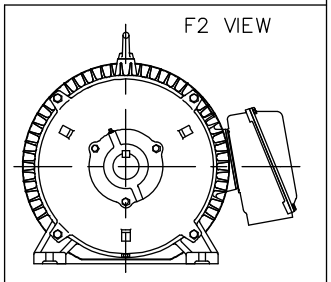
Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Wye Start Delta Run Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.06 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
Inverter Load	CONSTANT 10:1		
Outline Drawing	SS622180LN	Connection Drawing	004172.03LN

SS622180LN







NT364TS−2	30.20	11.26	−−−	4	3.74	2.05	1.87	1.59	0.50	2.09
NT365TS−2	31.18	12.24	11.26	6						
NT364T−4, 6	32.32	11.26	−−−	4	5.87	4.29	2.37	2.01	0.63	2.64
NT365T−4, 6	33.31	12.24	11.26	6						
FRAME	C	2F	2XF	HOLES	N−W	N−W1	øU	R	S	T

NO.	REVISION	BY & DATE	CHK
1	ADDED F2 VIEW	TJW 7/9/2013	SB

TOLERANCES UNLESS SPECIFIED

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

Lincoln MOTORS

TITLE OUTLINE
360 FR. − TEFC − (REDESIGNED)

MAT'L.

FINISH

CAD FILE SS622180LN

RFP

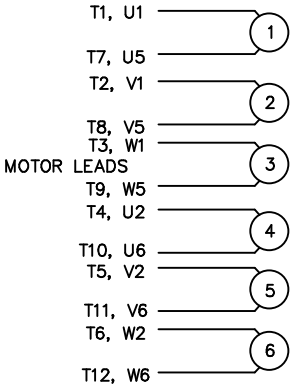
DIST

DRAWN MSG 02−13−2007
CHK ML 02−16−2207
APPD SB 02−23−2007
SCALE 1=5
REF
FMF HEBEI
PREV

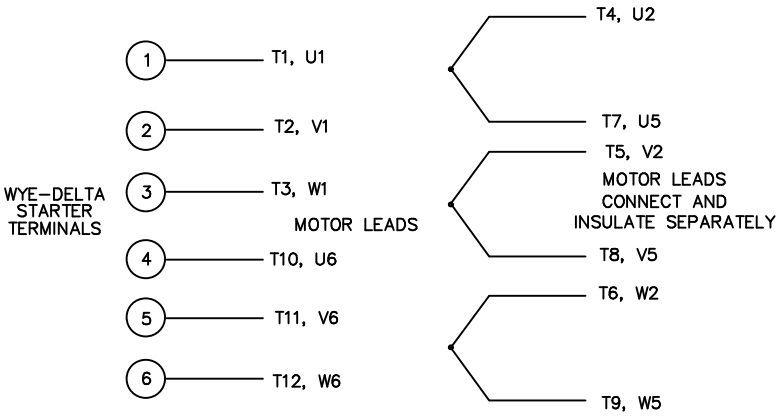
SIZE B | DRAWING NO. SS622180LN | PAGE OF | REV. 1

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

LOW VOLTAGE CONNECTION

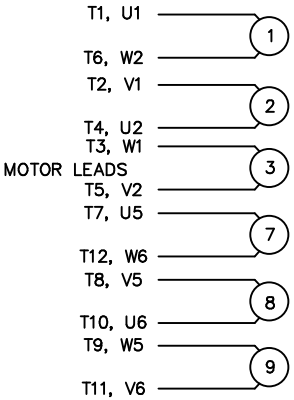


HIGH VOLTAGE CONNECTION



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

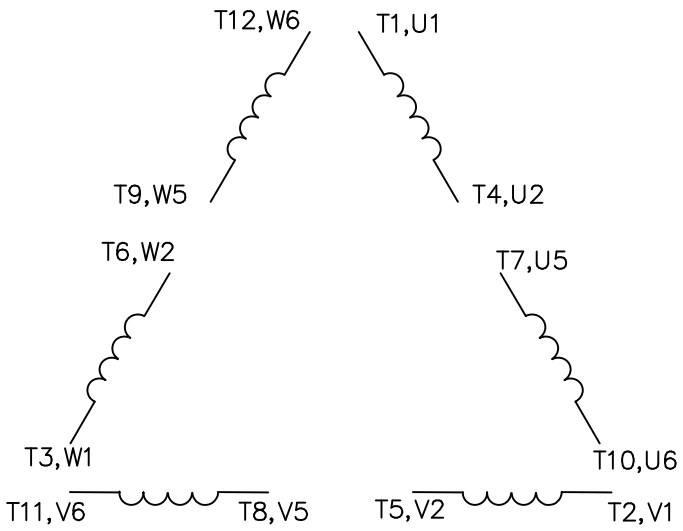
PART WINDING START USABLE ON 4 & 6 POLE MOTORS
LOW VOLTAGE CONNECTION ONLY



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.

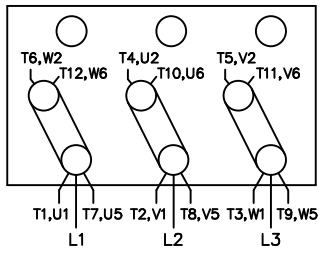
LINE LEADS



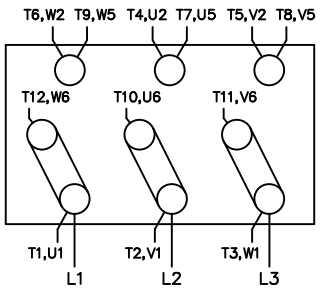
ROTATION CAN BE REVERSED BY INTERCHANGING ANY TWO LINE LEADS

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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