

PRODUCT INFORMATION PACKET



Model No: LM62041

Catalog No: LM62041

..40HP..1800RPM.324TC.TEFC.230/460V.3PH.60HZ.CONT.40C.1.15SF.RIGID=C.....

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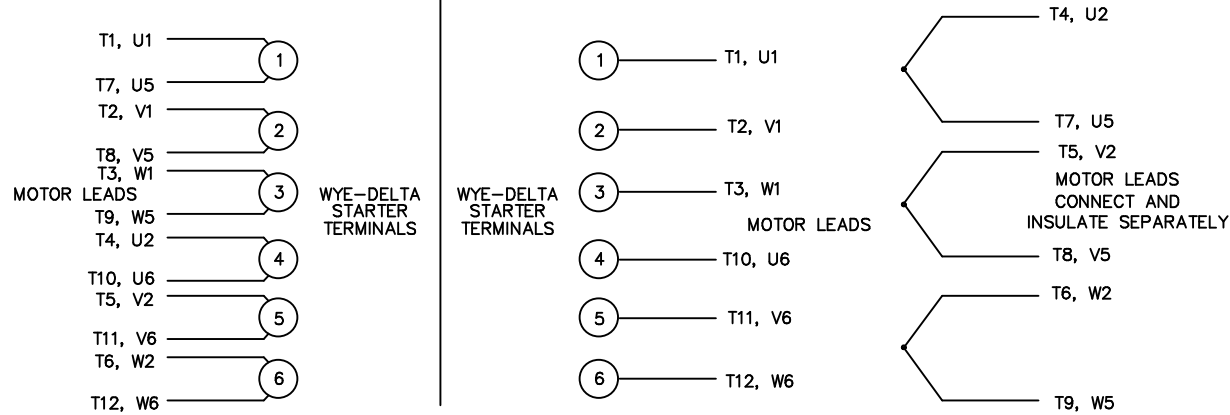
Nameplate Specifications

Phase	3	Output HP	40 & 30 Hp
Output KW	30.0 & 22.4 kW	Voltage	208-230/460 & 190/380 V
Speed	1780 & 1481 rpm	Service Factor	1.15 & 1.15
Frame	324TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	94.1 & 93.6 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	99-95/47.5 & 84/42 A	Power Factor	86
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

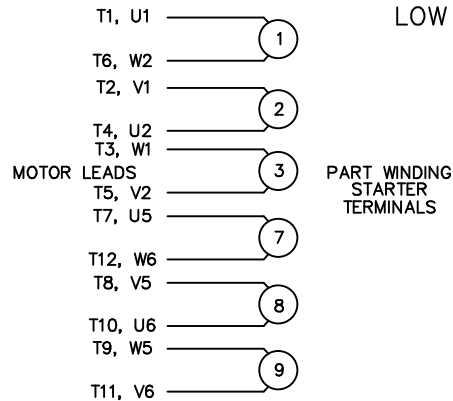
Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Wye Start Delta Run Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.042 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Assembly/Box Mounting	F1/F2 CAPABLE
Inverter Load	CONSTANT 4:1		
Outline Drawing	SS622046	Connection Drawing	004172.03LN

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WYE – DELTA STARTING USEABLE ON 2,4 AND 6 POLE MOTORS.LOW VOLTAGE CONNECTIONHIGH VOLTAGE CONNECTION

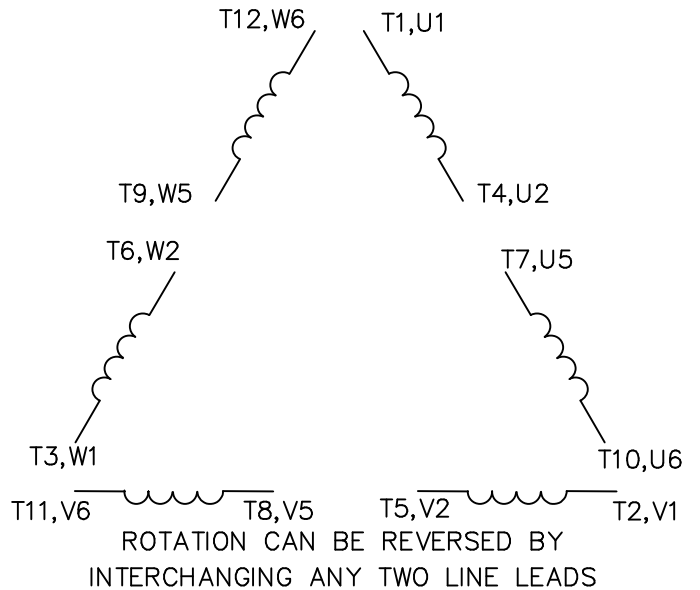
REFER TO THE WYE-DELTA STARTER CONNECTION INSTRUCTIONS FOR PROPER CONNECTION OF POWER LINES TO STARTER.

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.

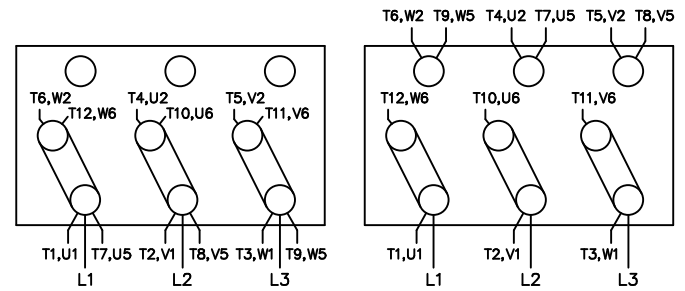
REFER TO THE CUTLER – HAMMER OR EQUIV. FOR PROPER SELECTION OF OVERLOAD HEATER COILS.

LINE LEADS

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

.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

DRAWN RJW 09-12-2005

CHK ML 09-12-2005

APPD GK 09-12-2005

SCALE

REF

FMF

PREV

NO. REVISION BY & DATE

RFP 09-12-2005

DIST WA-PR

CAD FILE 00417203LN

SIZE

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REV.