

PRODUCT INFORMATION PACKET



Model No: LM60053

Catalog No: LM60053

OBsolete - REPLACED BY 199031.00 - ..50HP..1800RPM.326T.TEFC.230/460V.3PH.60HZ.CONT.40C.1.15SF.RIGI
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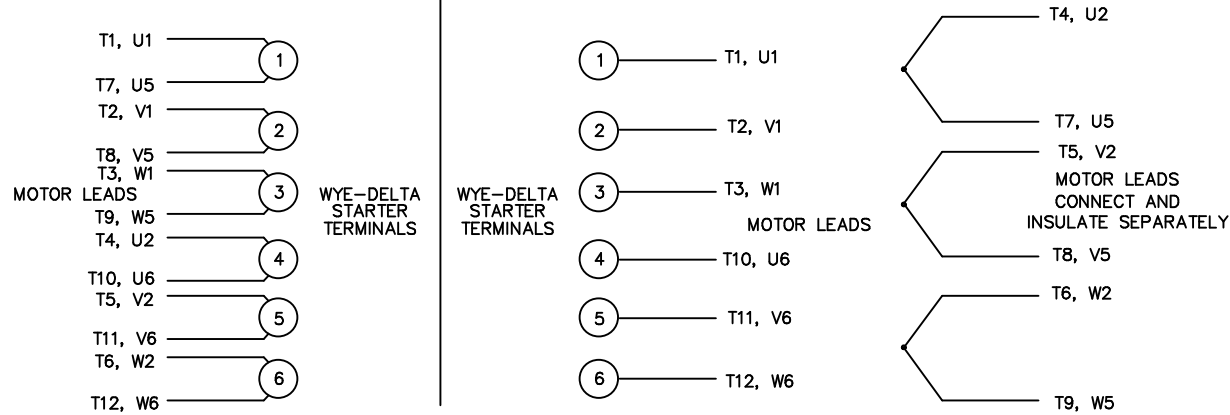
Nameplate Specifications

Phase	3	Output HP	50 & 40 Hp
Output KW	37.0 & 30.0 kW	Voltage	208-230/460 & 190/380 V
Speed	1780 & 1480 rpm	Service Factor	1.15 & 1.15
Frame	326T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Thermostat	Efficiency	94.5 & 94.1 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	125-117/58.5 & 112/56 A	Power Factor	84
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

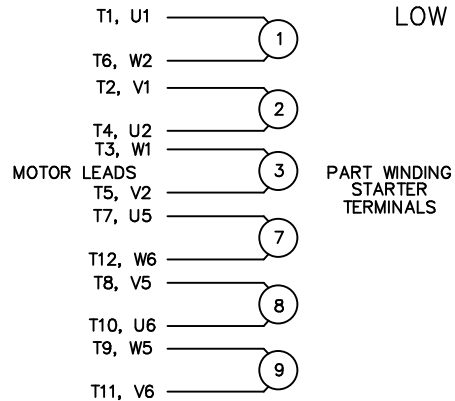
Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	.135 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	16954160LN	Connection Drawing	004172.03LN

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

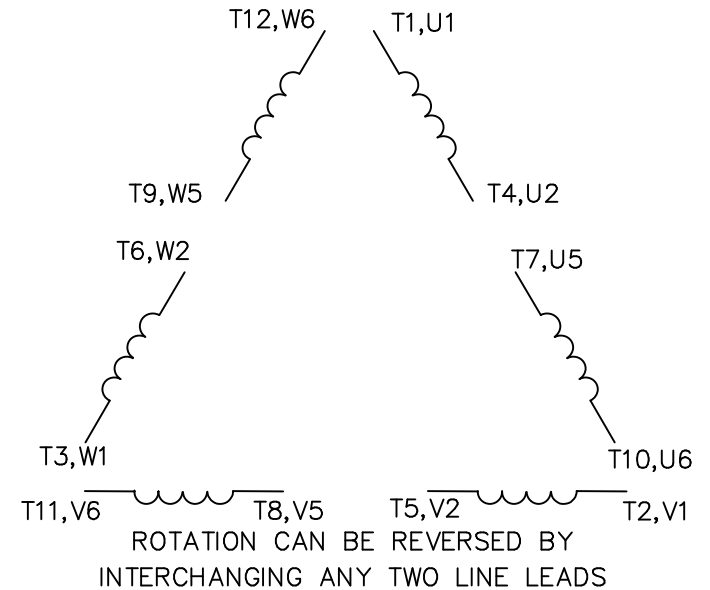
REFER TO THE WYE-DELTA STARTER CONNECTION INSTRUCTIONS FOR PROPER CONNECTION OF POWER LINES TO STARTER.

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.

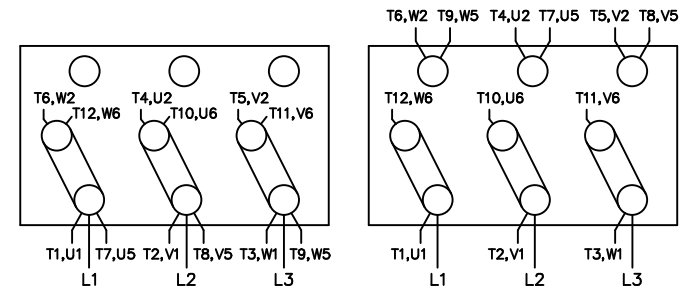
REFER TO THE CUTLER – HAMMER OR EQUIV. FOR PROPER SELECTION OF OVERLOAD HEATER COILS.

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"



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

CAD FILE 00417203LN

SIZE

DRAWING NO. PAGE OF REV.

DIST WA-PR

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004172-03-LN

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