

# PRODUCT INFORMATION PACKET



Model No: LM62035

Catalog No: LM62035

..25HP..1800RPM.284TC.TEFC.230/460V.3PH.60HZ.CONT.40C.1.15SF.RIGID-C.....

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## Nameplate Specifications

Phase	3	Output HP	25 & 20 Hp
Output KW	18.7 & 14.9 kW	Voltage	208-230/460 & 190/380 V
Speed	1782 & 1480 rpm	Service Factor	1.15 & 1.15
Frame	284TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	93 & 93 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	66-58.5/29.3 & 60/30 A	Power Factor	78
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	H
Drive End Bearing Size	6311	Opp Drive End Bearing Size	6309
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

## Technical Specifications

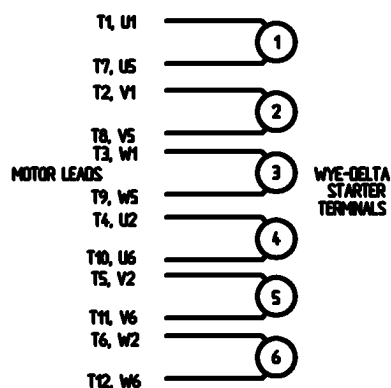
Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Wye Start Delta Run Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.058 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Assembly/Box Mounting	F1/F2 CAPABLE
Inverter Load	CONSTANT 10:1		
Outline Drawing	SS622045RB	Connection Drawing	004172.03

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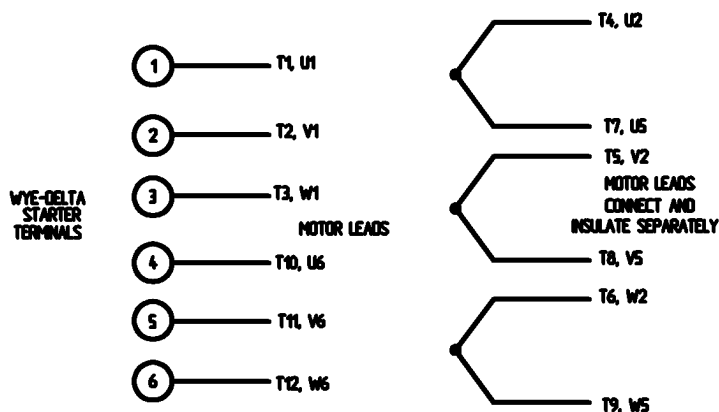
											TOLERANCES UNLESS SPECIFIED		 <b>REGAL-BELOIT CORPORATION</b>		DRAWN RFH 01/30/2012															
											DEC. INCHES				CHK SB 01/30/2012															
											.X ±.1				APPD EH 01/30/2012															
											.XX ±.03		TITLE OUTLINE		SCALE 1=2															
---									N284TSC-2		24.88		21.63		---		9.50		---		4		3.25							
---									N284TC-4		26.26		21.64		---		9.50		---		4		4.62							
---									N286TC-4		27.84		23.22		---		11.00		9.50		6		4.62							
DASH									FRAME		C		AG		B		2F		2XF		K		N-W							
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															RFP															
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WYE - DELTA STARTING USEABLE ON 2,4 AND 6 POLE MOTORS.

### LOW VOLTAGE CONNECTION

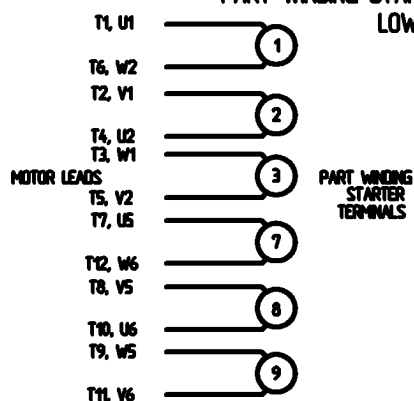


### HIGH VOLTAGE CONNECTION



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

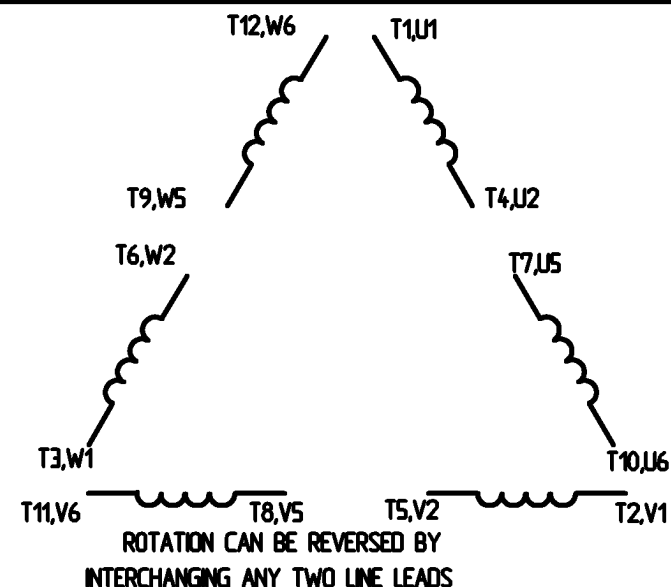
### PART WINDING START USABLE ON 4 & 6 POLE MOTORS LOW VOLTAGE CONNECTION ONLY



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.

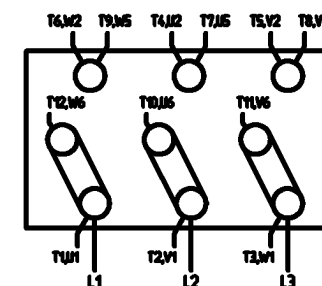
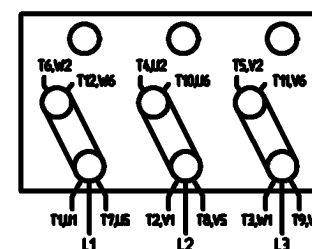
### LINE LEADS



### 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		<div>LEESON</div> <div>ELECTRIC MOTORS GEARMOTORS AND DRIVES</div>	DRAWN C/W 08/28/02	
				DEC.	INCHES		CHK	
				X	± .1		APPO	
				XX	± .01		SCALE	1:1
				XXX	± .005		REF	
				XXXX	± .0005		FMF	
NO.	REVISION	BY & DATE	CHK	ANG	± 1/2°	FINISH	PREV	
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				DIST				DRAWING NO. 004172-03
								REV.

ERROR: syntaxerror  
OFFENDING COMMAND: --nostringval--

STACK:

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