

# PRODUCT INFORMATION PACKET



Model No: C326T17FBFEAA  
Catalog No: 170023.00  
50 HP 1800 230/460 TEFC 326T PREM EFF  
Totally Enclosed Fan Cooled (TEFC)



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### Nameplate Specifications

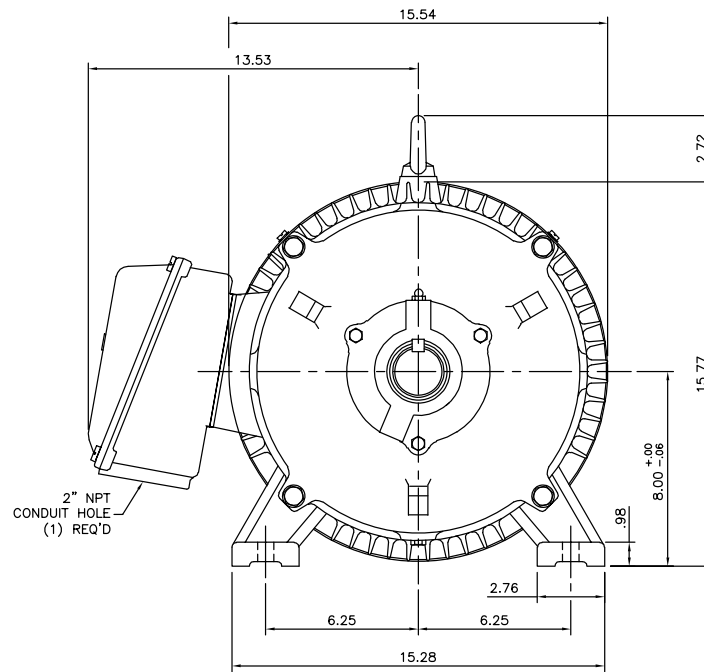
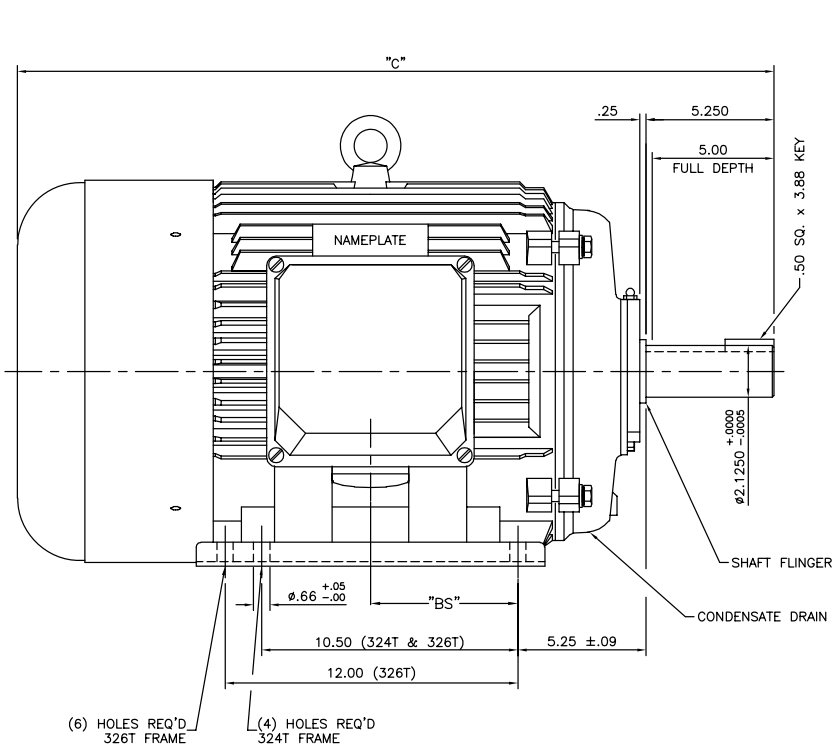
Output HP	<b>50 Hp</b>	Output KW	<b>37.0 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>208-230/460 V</b>
Current	<b>125.0-117.0/58.5 A</b>	Speed	<b>1780 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>3</b>
Efficiency	<b>94.5 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>F</b>	Design Code	<b>B</b>
KVA Code	<b>G</b>	Frame	<b>326T</b>
Enclosure	<b>Totally Enclosed Fan Cooled</b>	Overload Protector	<b>No</b>
Ambient Temperature	<b>40 °C</b>	Drive End Bearing Size	<b>6312</b>
Opp Drive End Bearing Size	<b>6312</b>	UL	<b>Recognized</b>
CSA	<b>Y</b>	CE	<b>Y</b>
IP Code	<b>43</b>		

### Technical Specifications

Electrical Type	<b>Squirrel Cage Induction Run</b>	Starting Method	<b>Wye Start Delta Run</b>
Poles	<b>4</b>	Rotation	<b>Reversible</b>
Mounting	<b>Rigid base</b>	Motor Orientation	<b>Horizontal</b>
Drive End Bearing	<b>Ball</b>	Opp Drive End Bearing	<b>Ball</b>
Frame Material	<b>Cast Iron</b>	Shaft Type	<b>T</b>
Overall Length	<b>31.02 in</b>	Shaft Diameter	<b>2.125 in</b>
Shaft Extension	<b>5.25 in</b>	Assembly/Box Mounting	<b>F1/F2 CAPABLE</b>
Outline Drawing	<b>16954160LE</b>	Connection Diagram	<b>004172.03</b>

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169541-60LE



FRAME DESIGN	"C"	"BS"
324T	29.53	5.30
326T	31.02	6.00

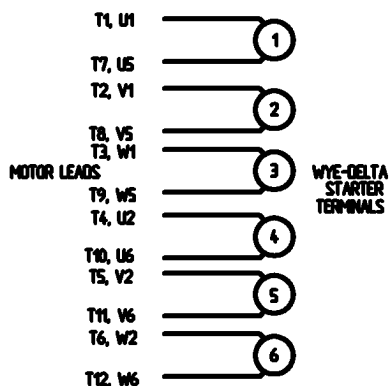
(6) HOLES REQ'D  
326T FRAME

(4) HOLES REQ'D  
324T FRAME

		TOLERANCES UNLESS SPECIFIED		REGAL REGAL-BELOIT CORPORATION		DRAWN JJK 03/29/99	
		DEC.	INCHES			CHK	
		.X	±.1			APPD PG 03/31/99	
		.XX	±.03	TITLE OUTLINE - 320T FRAME		SCALE N/A	
		.XXX	±.005	TEFC - RIDIG		REF 169504	
1	ADDED "BS" DIM. AND UPDATED TITLE BLOCK ECO-00	RFH	04/07/2014	EH	.XXX ±.0005	MAT'L CAST IRON	
NO.	REVISION	BY & DATE	CHK	ANG	±1/2'	FINISH	
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT				RFP	CAD FILE 16954160LE		SIZE A
				DIST			DRAWING NO. 169541-60LE
						PAGE 1 OF 1	REV. 1

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

LOW VOLTAGE CONNECTION

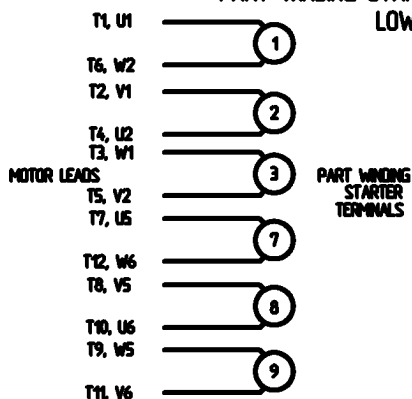


HIGH VOLTAGE CONNECTION



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

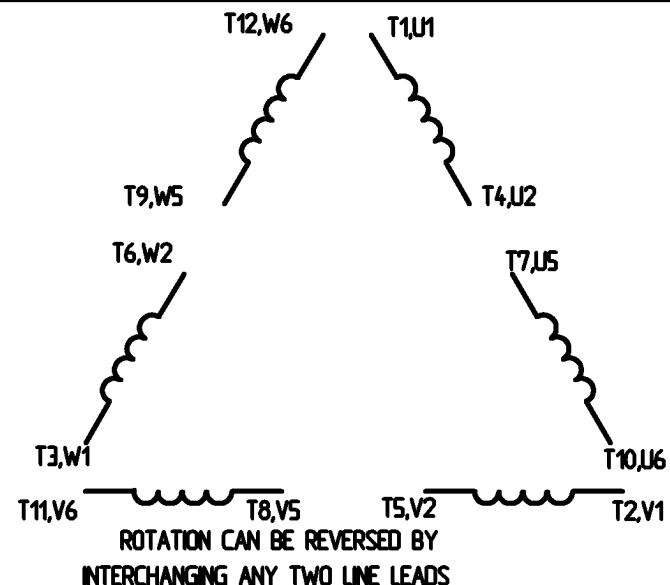
PART WINDING START USABLE ON 4 & 6 POLE MOTORS  
LOW VOLTAGE CONNECTION ONLY



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.

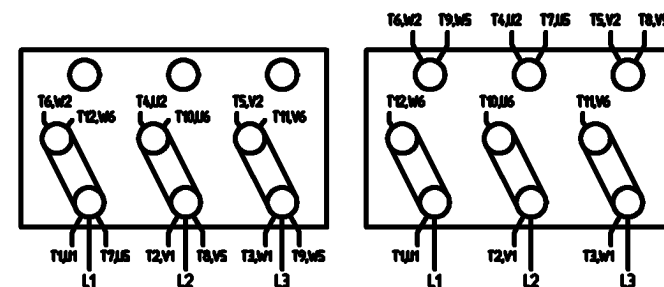
LINE LEADS



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		<b>ELECTRIC MOTORS GEARMOTORS AND DRIVES</b>	DRAWN	CJW 08/28/02	
				DEC.	INCHES		CHK		
				X	+ .1		APPO		
				XX	+ .01		SCALE	1:1	
				XXX	+ .005		REF		
				XXXX	+ .0005	FINISH			
NO.	REVISION	BY & DATE	CHK	ANG	+ 1/2°		PREV		
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STACK:
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