

# PRODUCT INFORMATION PACKET

Model No: 447TTFCD6087  
Catalog No: GT1053A  
150,1200,TEFC,447T,3/60/460PWS  
Totally Enclosed Fan Cooled (TEFC)



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### Nameplate Specifications

Output HP	<b>150 Hp</b>	Output KW	<b>112.0 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>460 V</b>
Current	<b>171.0 A</b>	Speed	<b>1190 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>3</b>
Efficiency	<b>95.8 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>F</b>	Design Code	<b>B</b>
KVA Code	<b>G</b>	Frame	<b>447T</b>
Enclosure	<b>Totally Enclosed Fan Cooled</b>	Overload Protector	<b>No</b>
Ambient Temperature	<b>40 °C</b>	Drive End Bearing Size	<b>6319</b>
Opp Drive End Bearing Size	<b>6317</b>	UL	<b>Listed</b>
CSA	<b>Y</b>	CE	<b>Y</b>
IP Code	<b>55</b>		

### Technical Specifications

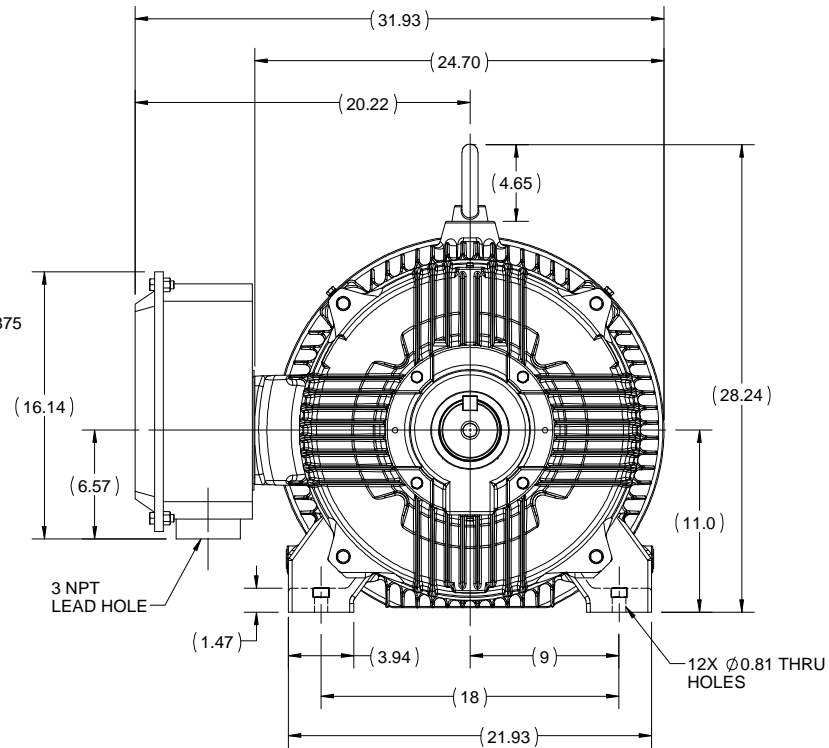
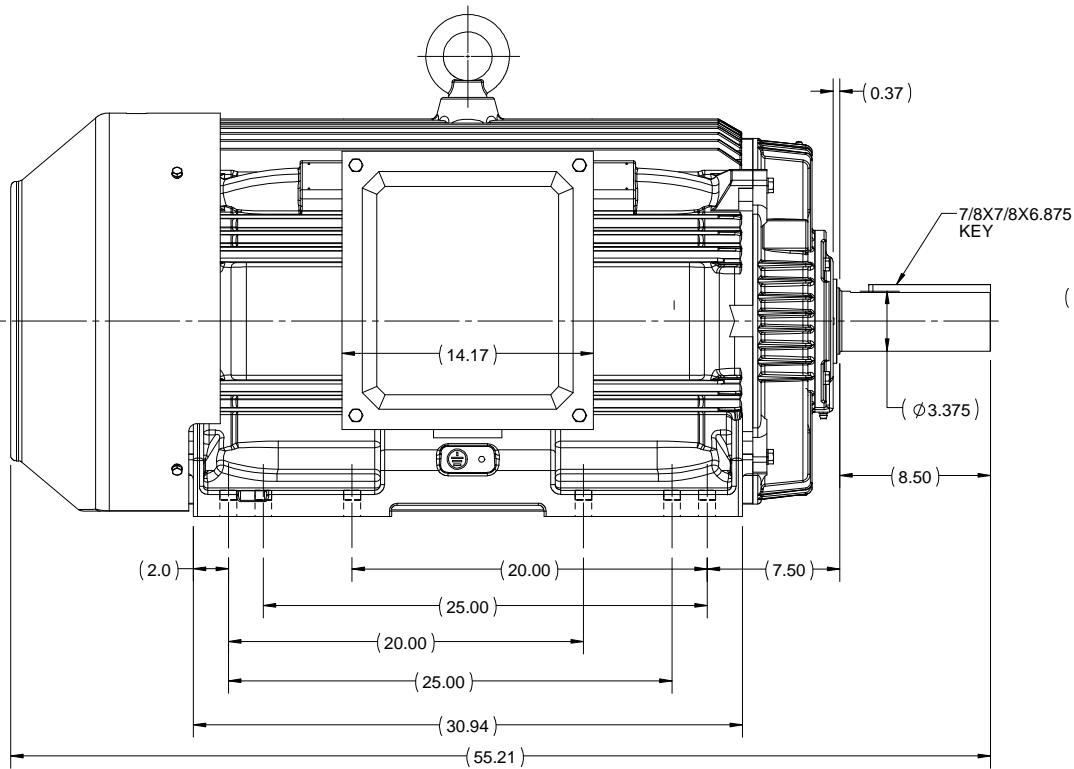
Electrical Type	<b>Squirrel Cage Inverter Rated</b>	Starting Method	<b>Part Wdg Start Or Inverter</b>
Poles	<b>6</b>	Rotation	<b>Reversible</b>
Mounting	<b>Rigid base</b>	Motor Orientation	<b>Horizontal</b>
Drive End Bearing	<b>Ball</b>	Opp Drive End Bearing	<b>Ball</b>
Frame Material	<b>Cast Iron</b>	Shaft Type	<b>T</b>
Overall Length	<b>55.21 in</b>	Shaft Diameter	<b>3.375 in</b>
Shaft Extension	<b>8.5 in</b>	Assembly/Box Mounting	<b>F1/F2 Capable</b>
Outline Drawing	<b>SS557013</b>	Connection Diagram	<b>EE7341C</b>

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# OUTLINE

B



B



A

A

DRAWING REVISION <b>C</b>	REVISION BY <b>GNK</b>	DATE <b>09/05/2018</b>
ECO <b>ECO-0143704</b>	APPROVED BY <b>SBD</b>	DATE <b>09/05/2018</b>
ECO DESCRIPTION <b>DRAWING UPDATED</b>		
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DRAWN BY <b>NIV</b>	 <b>Regal</b> Beloit America, Inc.
DATE <b>23/05/2016</b>	
APPROVED BY <b>SBD</b>	DESCRIPTION <b>OUTLINE</b> 447/449T FR-TEFC
DATE <b>23/05/2016</b>	MATERIAL
REFERENCE	PROCESS/FINISH
THIRD ANGLE PROJECTION 	SIZE <b>B</b>
DRAWING NUMBER <b>SS557013</b>	SHEET <b>1 OF 1</b>

EE7341C

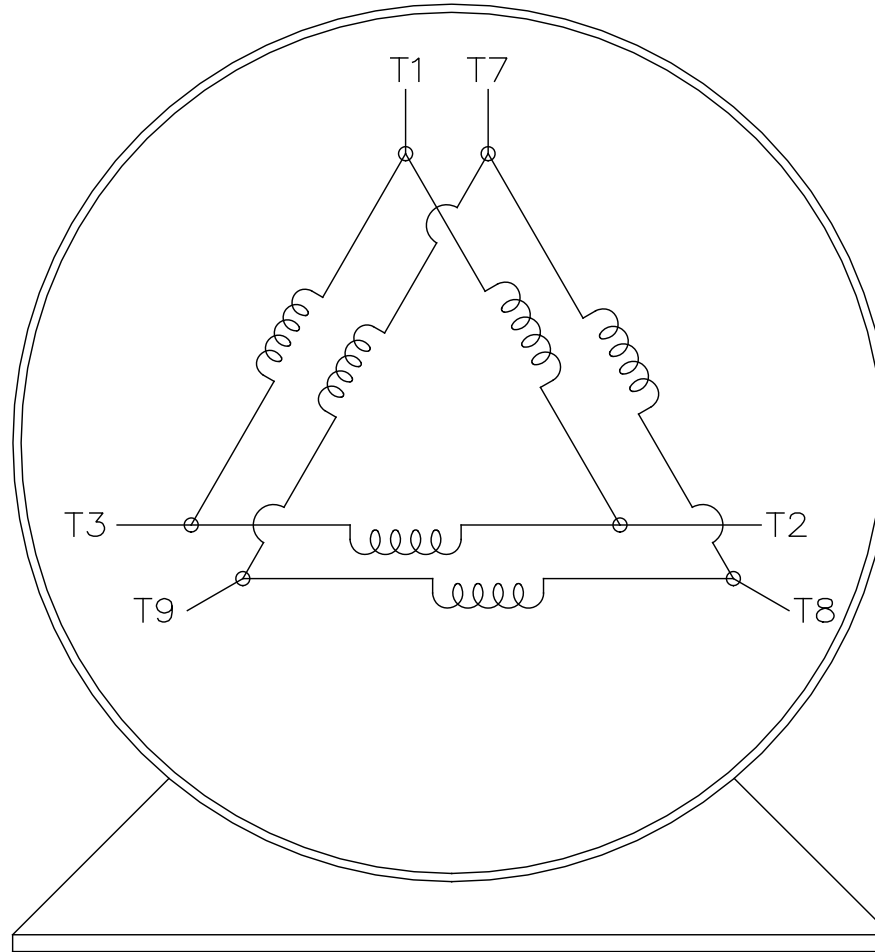
THREE PHASE – PART WINDING START  
DELTA – 6 LEADS

START

- CONNECT T1 TO LINE 1
- CONNECT T2 TO LINE 2
- CONNECT T3 TO LINE 3
- T7–T8–T9 OPEN

RUN

- CONNECT T1&T7 TO LINE 1
- CONNECT T2&T8 TO LINE 2
- CONNECT T3&T9 TO LINE 3



VIEW OF TERMINAL END

		TOLERANCES UNLESS SPECIFIED		REGAL REGAL - BELOIT CORPORATION		DRAWN BLR 03-09-1998						
		DEC.	INCHES			CHK	ML	03-23-1998				
		.X	±	–	TITLE CONNECTION DIAGRAM 3Ø – 6 LEADS	APPD	GK	03-23-1998				
		.XX	±	–		SCALE	1=1					
		.XXX	±	–		REF						
D	RE-DRAWN WITH REGAL LOGO ECO-0110493	WGJ	09-30-2016	EMH	.XXXX	±	–	MAT'L.	FMF			
NO.	REVISION	BY & DATE	CHK	ANG	±	–	FINISH	PREV				
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