

PRODUCT INFORMATION PACKET



Model No: B199044.00
Catalog No: B199044.00
125 HP General Purpose Motor, 3 phase, 1200 RPM, 460 V, 445T Frame, TEFC
Three Phase TEFC Motors



Regal and Leeson are trademarks of Regal Beloit Corporation or one of its affiliated companies.
©2019 Regal Beloit Corporation, All Rights Reserved. MC017097E

The Regal logo is positioned in the bottom right area of the page. It features the word "REGAL" in a white, bold, sans-serif font, set against a dark grey, trapezoidal background. The background of the entire page on the right side is a blue gradient with a halftone dot pattern.



Nameplate Specifications

Output HP	125 Hp	Output KW	93.0 kW
Frequency	60 Hz	Voltage	460 V
Current	143.0 A	Speed	1190 rpm
Service Factor	1.15	Phase	3
Efficiency	95 %	Power Factor	86
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Frame	445T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6319	Opp Drive End Bearing Size	6317
UL	Listed	CSA	Y
CE	Y	IP Code	55

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Part Wdg Start Or Inverter
Poles	6	Rotation	Reversible
Resistance Main	.0353 Ohms	Mounting	Rigid base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Overall Length	46.71 in
Frame Length	23.62 in	Shaft Diameter	3.375 in
Shaft Extension	8.5 in	Assembly/Box Mounting	F1/F2 CAPABLE

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:01/11/2019

4

3

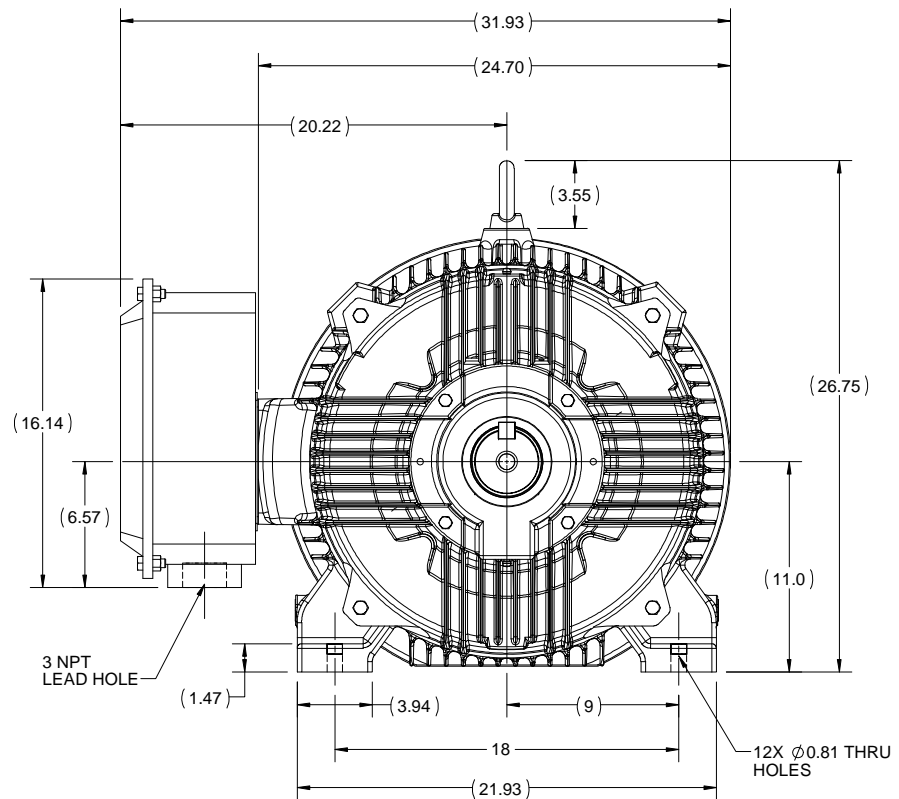
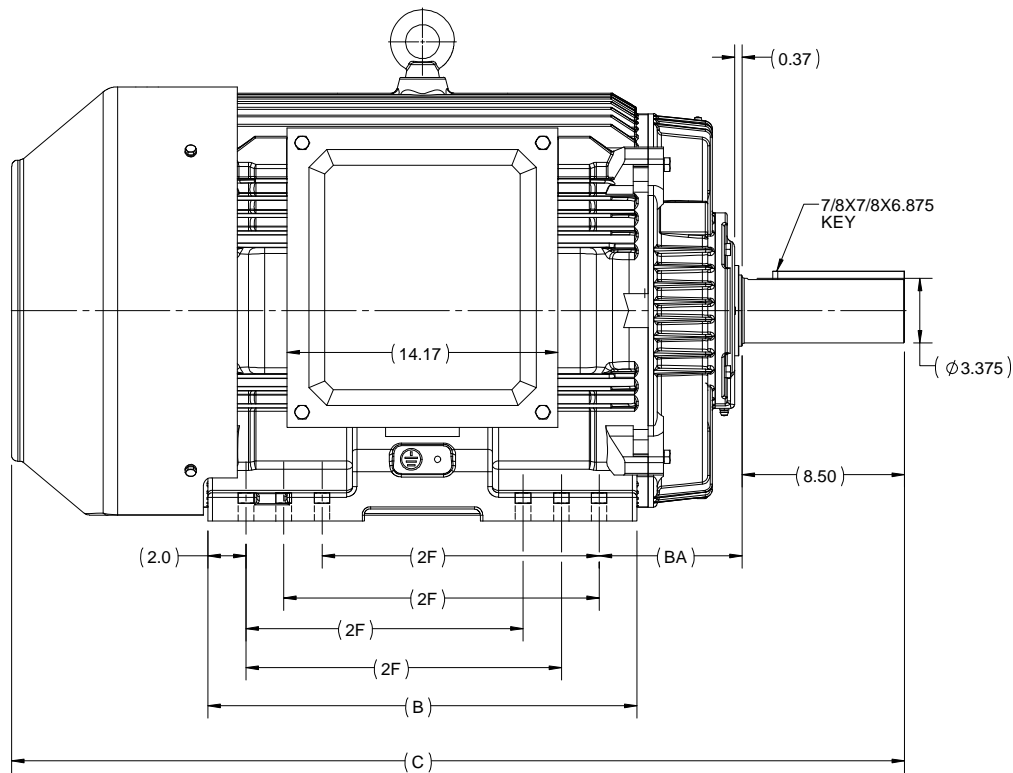
Uncontrolled Copy

2

1

B

B



A

A

445T	22.44	46.71	16.50	12	7.50
444T	22.44	46.71	14.50	12	7.50
FRAME	B	C	2F	N	BA

DRAWING REVISION D	REVISION BY S.MUDDA	DATE 28/8/2018
ECO ECO-0151027	APPROVED BY JAY	DATE 28/8/2018
ECO DESCRIPTION OUTLINE UPDATED AS PER NEW 3D STRUCTURING COPYRIGHT REGAL BELOIT AMERICA, INC. ALL RIGHTS RESERVED. PROPRIETARY AND CONFIDENTIAL INFORMATION - THIS DOCUMENT IS THE PROPERTY OF REGAL BELOIT AMERICA, INC. (OWNER) AND CONTAINS OWNER'S PROPRIETARY INFORMATION. ANY PERSON, CORPORATION OR OTHER FIRM RECEIVING IT IS DEEMED, BY RECEIVING IT, TO AGREE THAT IT, AND/OR ANY PART OF IT, SHALL NOT BE DISCLOSED TO ANY PERSON, CORPORATION OR OTHER ENTITY, DUPLICATED, AND/OR USED, EXCEPT AS EXPRESSLY APPROVED IN WRITING IN ADVANCE BY OWNER. THIS DOCUMENT SHALL BE RETURNED TO OWNER UPON REQUEST. IT MAY BE SUBJECT TO CERTAIN RESTRICTIONS UNDER APPLICABLE EXPORT CONTROL LAWS AND REGULATIONS.		

DRAWN BY NIV	Regal Beloit America, Inc.
DATE 25/03/2016	
APPROVED BY SBD	DESCRIPTION OUTLINE 444/445T FR-TEFC
DATE 25/03/2016	MATERIAL
REFERENCE	PROCESS/FINISH
THIRD ANGLE PROJECTION	SIZE B
	DRAWING NUMBER SS557009
	SHEET 1 OF 1

4

3

2

1

EE7341C

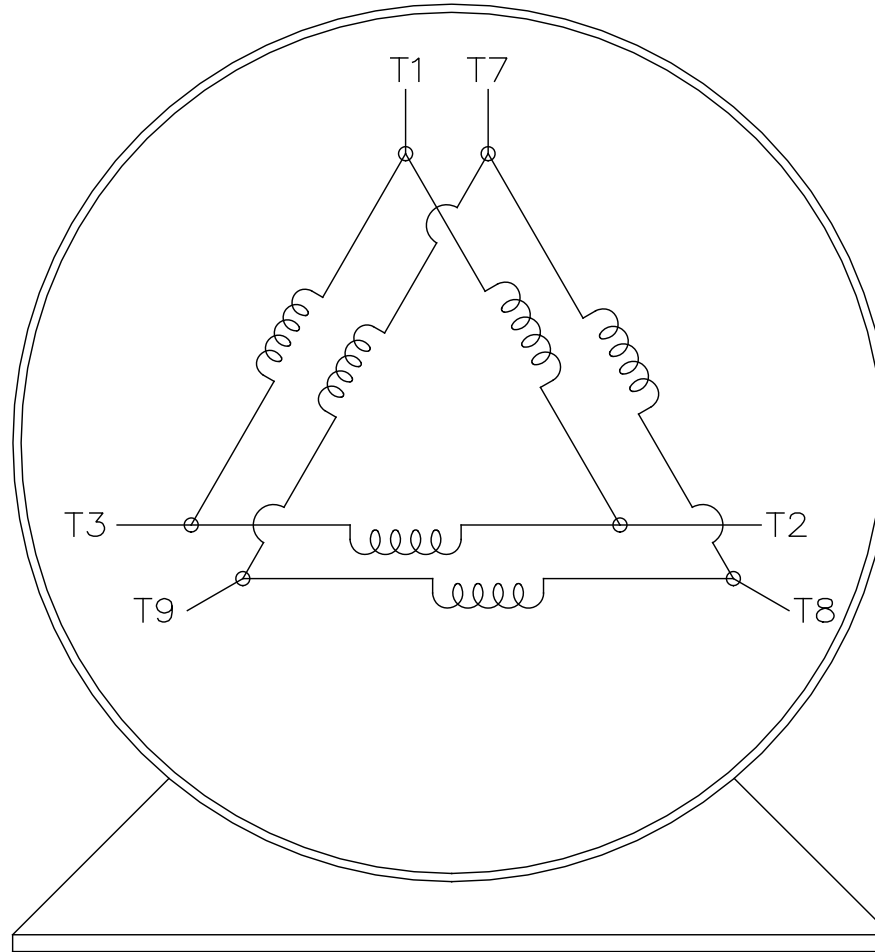
THREE PHASE – PART WINDING START
DELTA – 6 LEADS

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 3∅ – 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				
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 EE7341C		SIZE	DRAWING NO.	PAGE	OF	REV.
					DIST			A	EE7341C			D