PRODUCT INFORMATION PACKET

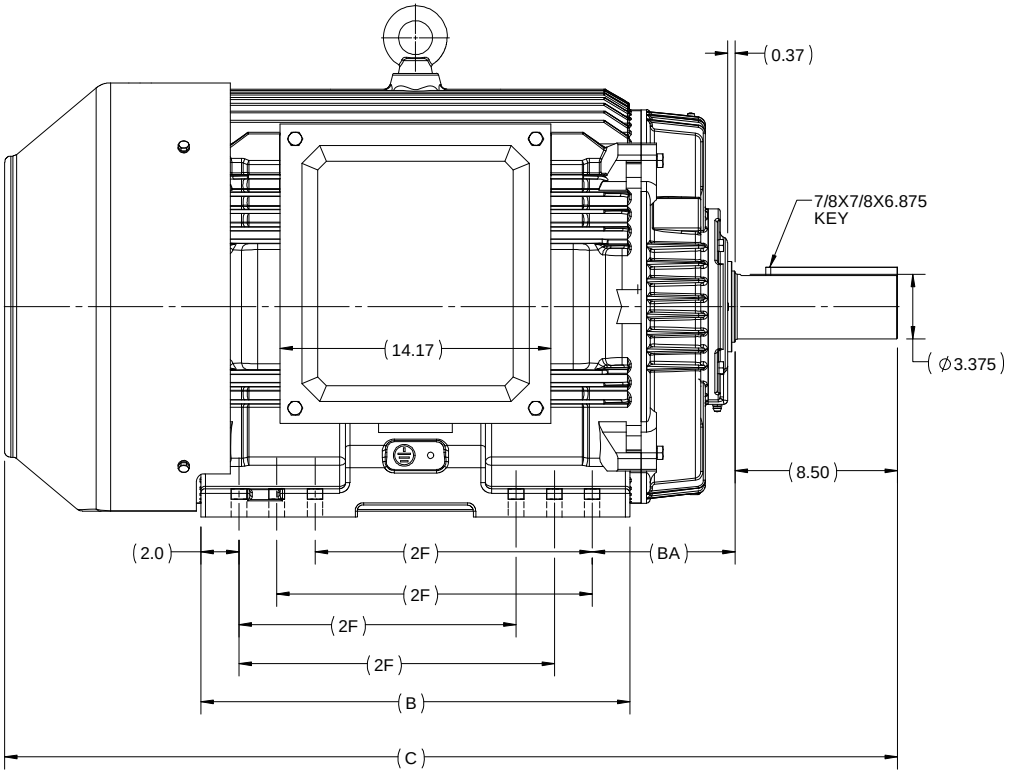
Model No: B199044.00
Catalog No: B199044.00
125 HP General Purpose Motor, 3 phase, 1200 RPM, 460 V, 445T Frame, TEFC
Three Phase TEFC Motors

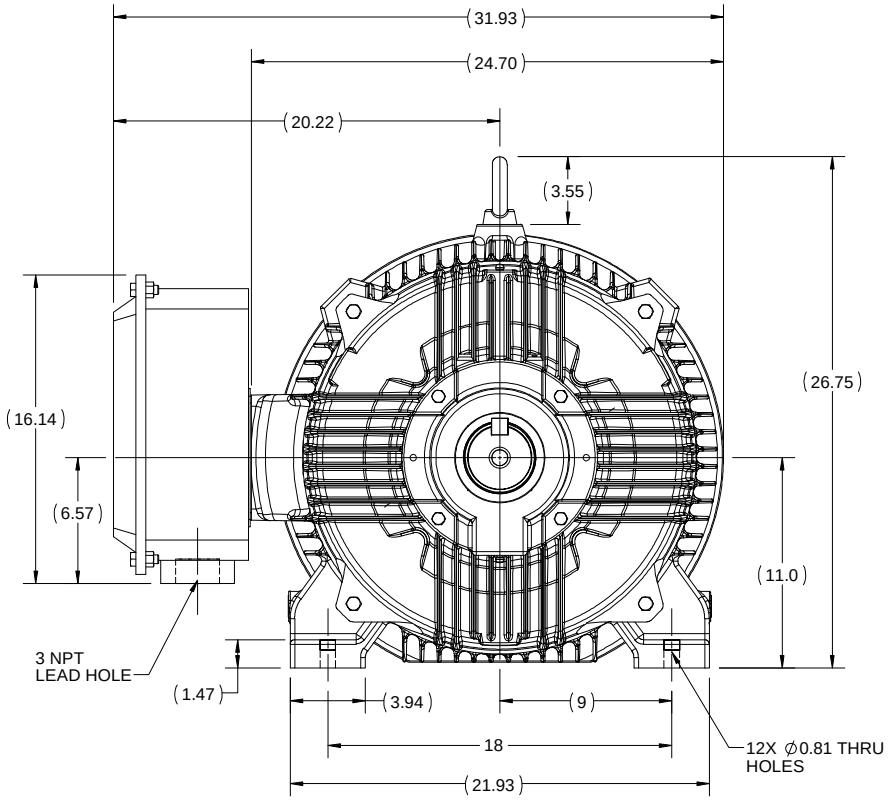
Nameplate Specifications

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





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		

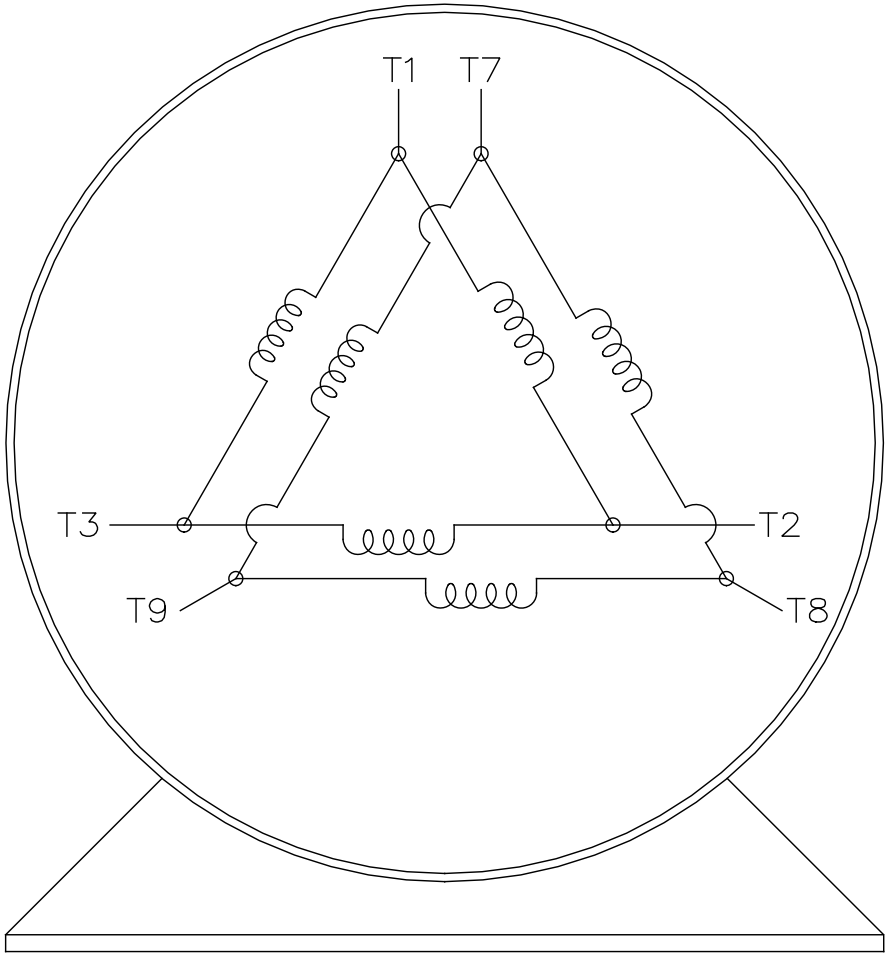
DRAWN BY: NIV	Regal Beloit America, Inc.
DATE: 25/03/2016	
APPROVED BY: SBD	DESCRIPTION: OUTLINE 444/445T FR-TEFC
DATE: 25/03/2016	
REFERENCE	MATERIAL / PROCESS/FINISH
THIRD ANGLE PROJECTION	SIZE: B / DRAWING NUMBER: SS557009 / SHEET: 1 OF 1

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

NO.	REVISION	BY & DATE	CHK
D	RE–DRAWN WITH REGAL LOGO ECO–0110493	WGJ 09–30–2016	EMH

TOLERANCES UNLESS SPECIFIED

DEC.	INCHES
.X	± –
.XX	± –
.XXX	± –
.XXXX	± –
ANG	± –

REGAL - BELOIT CORPORATION

TITLE: CONNECTION DIAGRAM 3ø – 6 LEADS

DRAWN	BLR 03–09–1998
CHK	ML 03–23–1998
APPD	GK 03–23–1998
SCALE	1=1
REF	
FMF	
PREV	

MAT'L.

FINISH

RFP

DIST

CAD FILE EE7341C

SIZE	DRAWING NO.	PAGE	OF	REV.
A	EE7341C			D