PRODUCT INFORMATION PACKET

Model No: 444TSTFCD6001
Catalog No: GT1048A
125,3600,TEFC,444TS,3/60/460
Totally Enclosed Fan Cooled (TEFC)

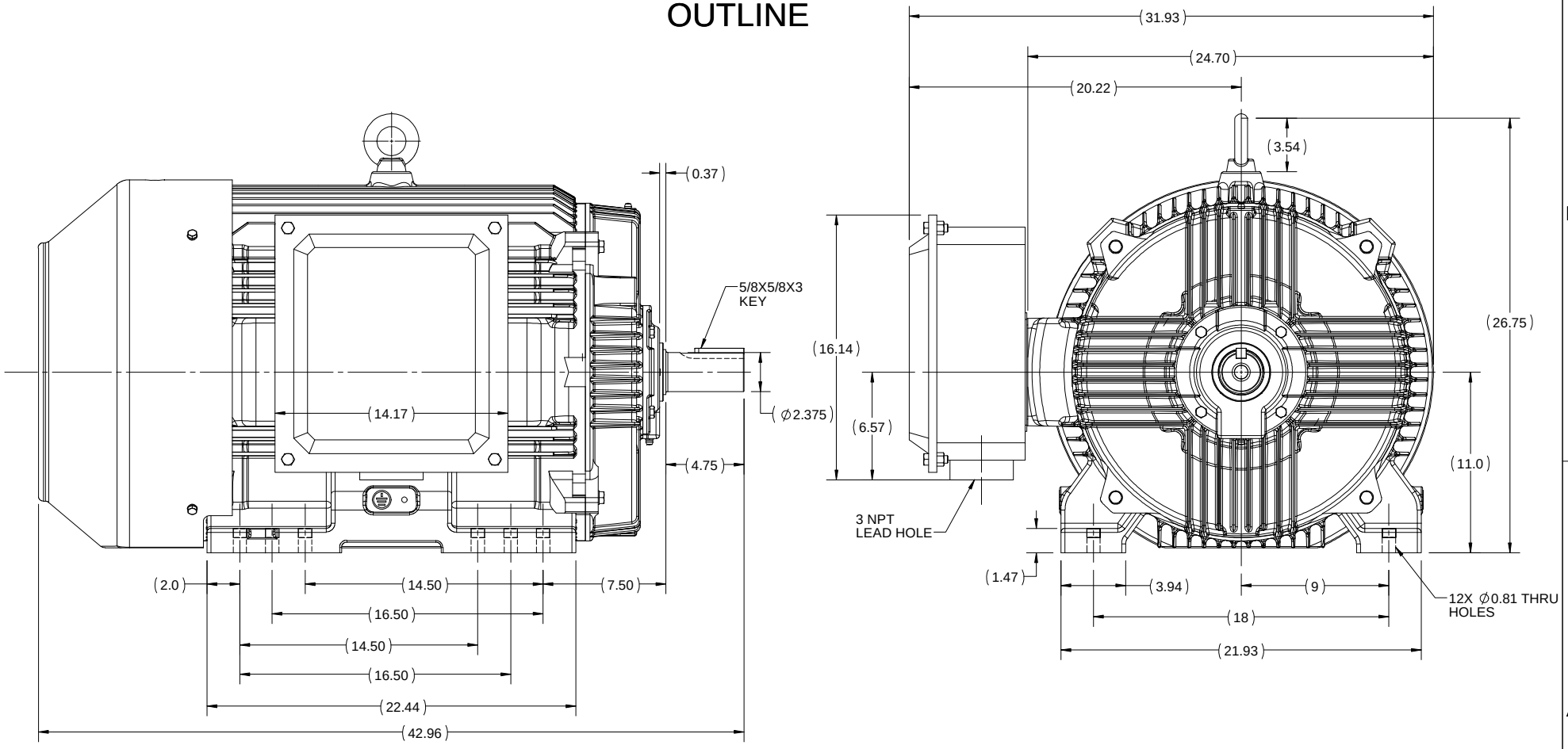
Nameplate Specifications

Output HP	**125 Hp**	Output KW	**93.0 kW**
Frequency	**60 Hz**	Voltage	**460 V**
Current	**138.0 A**	Speed	**3580 rpm**
Service Factor	**1.15**	Phase	**3**
Efficiency	**95 %**	Duty	**Continous**
Insulation Class	**F**	Design Code	**B**
KVA Code	**G**	Frame	**444TS**
Enclosure	**Totally Enclosed Fan Cooled**	Overload Protector	**No**
Ambient Temperature	**40 °C**	Drive End Bearing Size	**6314**
Opp Drive End Bearing Size	**6314**	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	**2**	Rotation	**Reversible**
Mounting	**Rigid base**	Motor Orientation	**Horizontal**
Drive End Bearing	**Ball**	Opp Drive End Bearing	**Ball**
Frame Material	**Cast Iron**	Shaft Type	**TS**
Overall Length	**42.96 in**	Shaft Diameter	**2.375 in**
Shaft Extension	**4.75 in**	Assembly/Box Mounting	**F1/F2 Capable**
Outline Drawing	**SS557008**	Connection Diagram	**EE7341C**

OUTLINE



DRAWING REVISION: C	REVISION BY: GNK	DATE: 04/05/2018
ECO: ECO-0143704	APPROVED BY: SBD	DATE: 04/05/2018
ECO DESCRIPTION: DRAWING UPDATED		

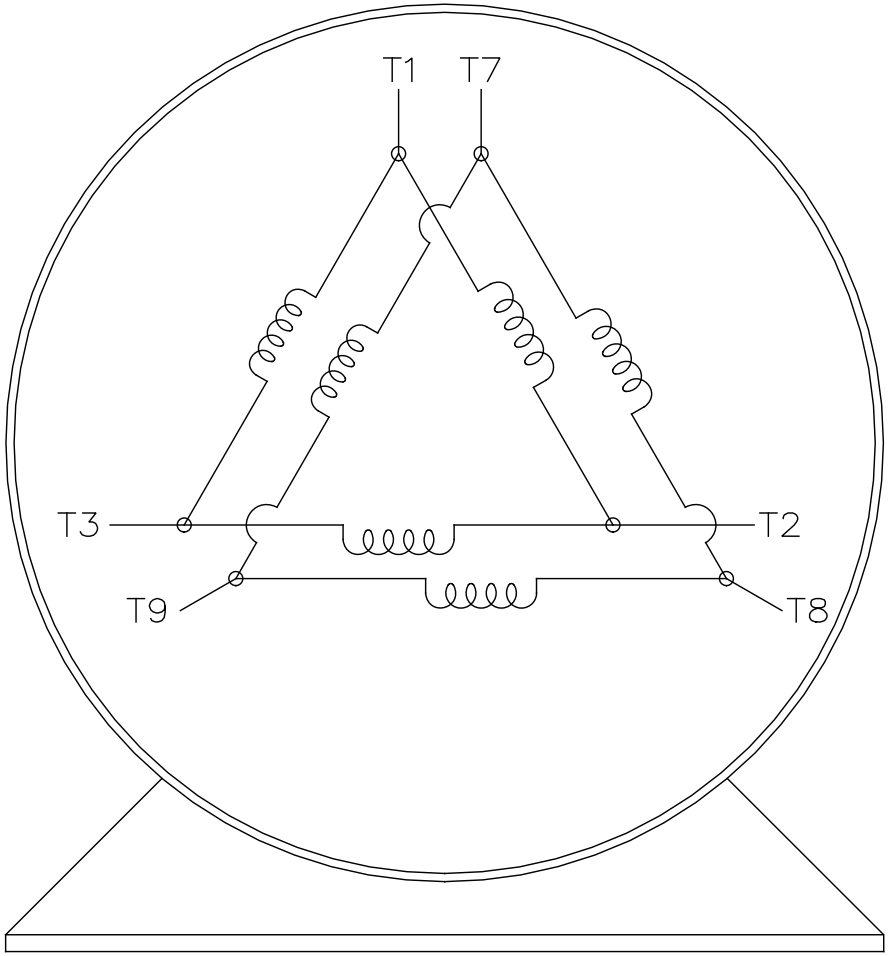
DRAWN BY: NIV	REGAL™ Regal Beloit America, Inc.	
DATE: 29/03/2015		
APPROVED BY: SBD	DESCRIPTION: OUTLINE 444/445TS FR-TEFC	
DATE: 29/03/2015		
REFERENCE	MATERIAL	PROCESS/FINISH
THIRD ANGLE PROJECTION	SIZE: B	DRAWING NUMBER: SS557008 — SHEET: 1 OF 1

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

CERTIFICATION DATA SHEET

Model#:	444TSTFCD6001 AA	**WINDING#:**	HE32802009 NONE 1
CONN. DIAGRAM:	EE7341C	**ASSEMBLY:**	F1/F2 CAPABLE
OUTLINE:	SS557008		

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
125&100	93&75	3600	3580&2980	444TS	TEFC	G	B

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60/50	460#380	138&134	PWS OR INVERTER	CONTINUOUS	F7	1.15/1.15	40	3300

FULL LOAD EFF: 95&94.5	3/4 LOAD EFF: 94.5	1/2 LOAD EFF: 93.6	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 89.5&89.5	**3/4 LOAD PF: 87.5**	**1/2 LOAD PF: 81.5**	94.5	SQ CAGE INV RATED	38.5

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
183 LB-FT	905	275 LB-FT 150	513 LB-FT 280	60

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
87 dBA	97 dBA	31 LB-FT^2	75 LB-FT^2	15 SEC.	2	2200 LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RIGID	HORIZONTAL	FALSE	DIVISION 2 T2B	FALSE	NONE	BLUE (ENAMEL)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE						
BALL 6314	BALL 6314	POLYREX EM	TS	NONE	NONE	1045 HOT ROLLED (C-204)	CAST IRON

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE /n HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

If Inverter equals NONE, contact factory for further information

INVERTER TORQUE: VARIABLE 10:1
INV. HP SPEED RANGE: NONE

ENCODER: NONE
NONE NONE
NONE NONE PPR

BRAKE: NONE NONE
NONE P/N NONE
NONE NONE
NONE FT-LB NONE V NONE Hz

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FORM 3531 REV.3 02/07/99
** Subject to change without notice.