PRODUCT INFORMATION PACKET

Model No: 449TTFCD6088
Catalog No: GT1056A
200,1200,TEFC,449T,3/60/460PWS
Totally Enclosed Fan Cooled (TEFC)

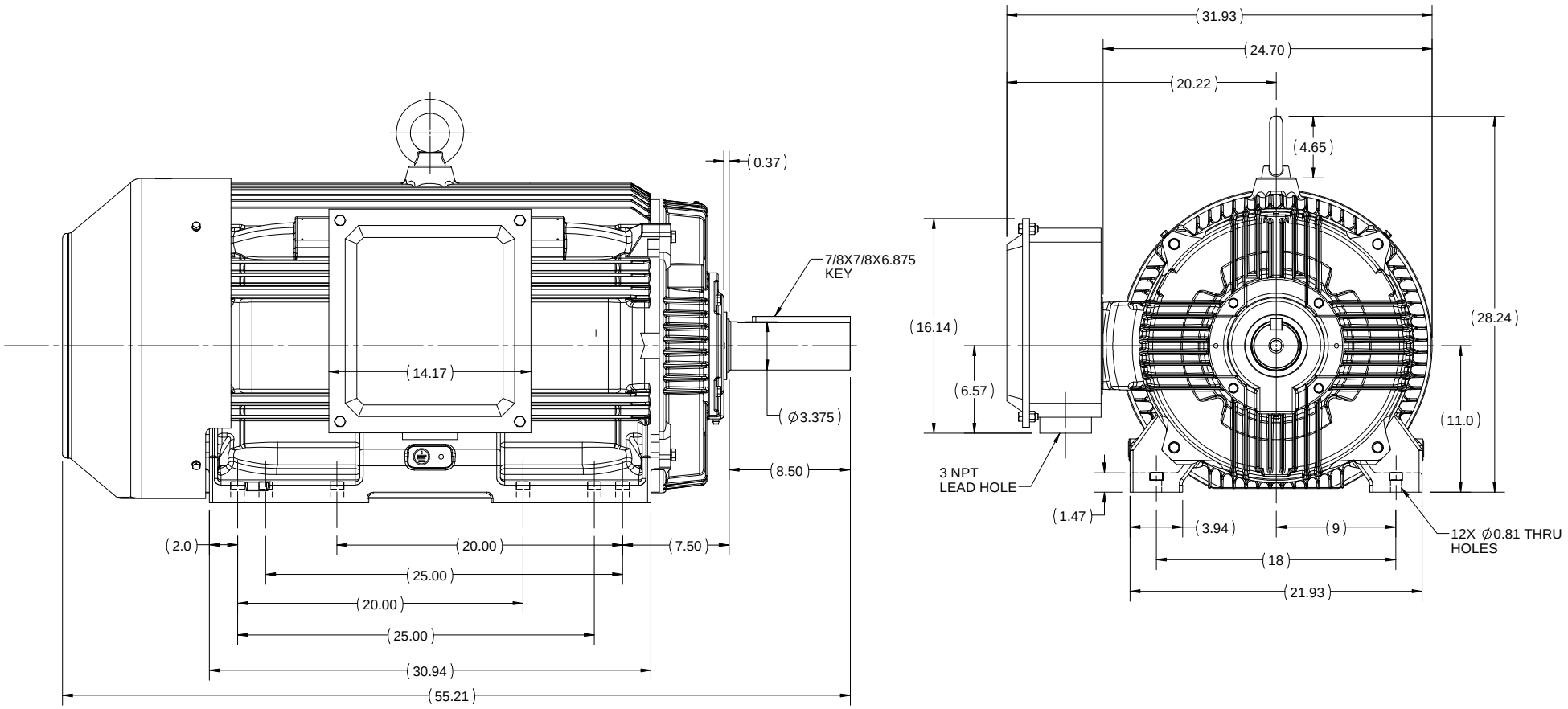
Nameplate Specifications

Output HP	**200 Hp**	Output KW	**149.0 kW**
Frequency	**60 Hz**	Voltage	**460 V**
Current	**227.0 A**	Speed	**1190 rpm**
Service Factor	**1.15**	Phase	**3**
Efficiency	**95.8 %**	Duty	**Continous**
Insulation Class	**F**	Design Code	**B**
KVA Code	**G**	Frame	**447/449T**
Enclosure	**Totally Enclosed Fan Cooled**	Overload Protector	**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**
Mounting	**Rigid base**	Motor Orientation	**Horizontal**
Drive End Bearing	**Ball**	Opp Drive End Bearing	**Ball**
Frame Material	**Cast Iron**	Shaft Type	**T**
Overall Length	**55.21 in**	Shaft Diameter	**3.375 in**
Shaft Extension	**8.5 in**	Assembly/Box Mounting	**F1/F2 Capable**
Outline Drawing	**SS557013**	Connection Diagram	**EE7341C**

OUTLINE



DRAWING REVISION: C	REVISION BY: GNK	DATE: 09/05/2018
ECO: ECO-0143704	APPROVED BY: SBD	DATE: 09/05/2018
ECO DESCRIPTION: DRAWING UPDATED		

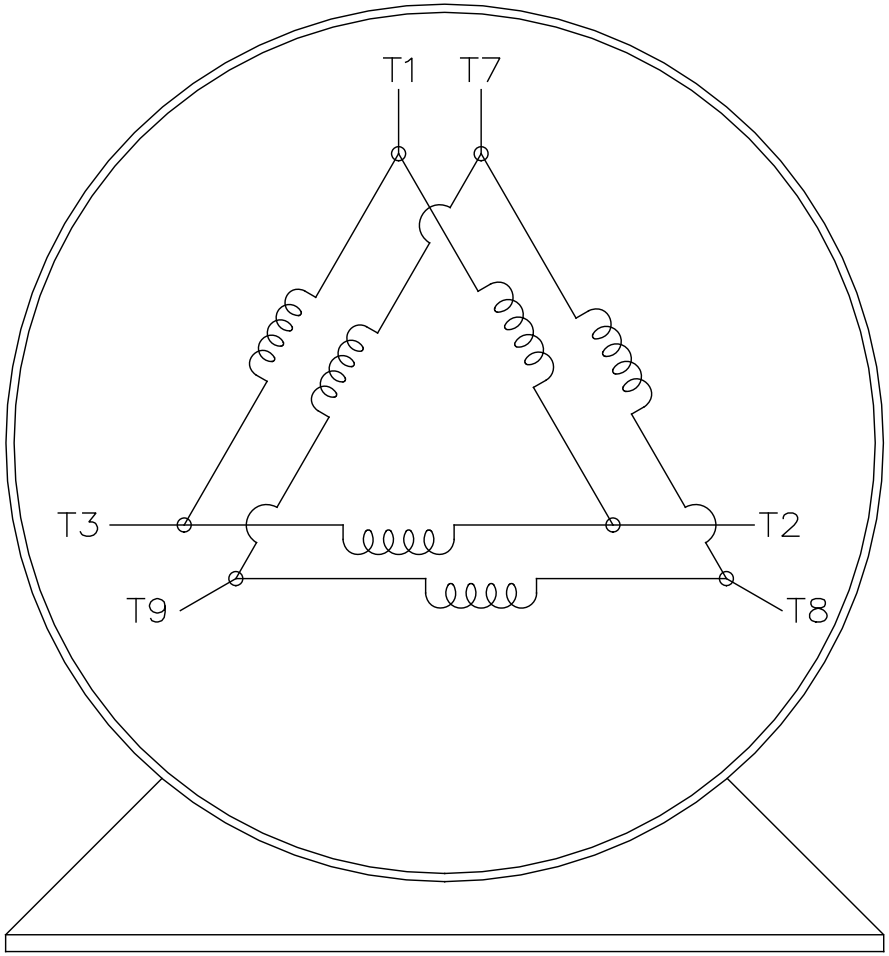
DRAWN BY: NIV	REGAL™ Regal Beloit America, Inc.	
DATE: 23/05/2016		
APPROVED BY: SBD	DESCRIPTION: OUTLINE 447/449T FR-TEFC	
DATE: 23/05/2016		
REFERENCE	MATERIAL	PROCESS/FINISH
THIRD ANGLE PROJECTION	SIZE: B / DRAWING NUMBER: SS557013	SHEET: 1 OF 1

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#:	449TTFCD6088 AA	**WINDING#:**	HE32806008 NONE 1
CONN. DIAGRAM:	EE7341C	**ASSEMBLY:**	F1/F2 CAPABLE
OUTLINE:	SS557013		

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
200&150	149&112	1200	1190&990	447/449T	TEFC	G	B

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60/50	460#380	227&207	PWS OR INVERTER	CONTINUOUS	F7	1.15/1.15	40	3300

FULL LOAD EFF: 95.8&95.8	3/4 LOAD EFF: 95.8	1/2 LOAD EFF: 95.4	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 86&86	3/4 LOAD PF: 83.5	1/2 LOAD PF: 76.5	95.4	SQ CAGE INV RATED	69.5

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
883 LB-FT	1450	1635 LB-FT 185	2247 LB-FT 255	65

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
75 dBA	85 dBA	145 LB-FT^2	- LB-FT^2	25 SEC.	2	2975 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 6319	BALL 6317	POLYREX EM	T	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

* NOTES *

DATE: 07/03/2017 02:16:44 AM
FORM 3531 REV.3 02/07/99
** Subject to change without notice.