

PRODUCT INFORMATION PACKET



Model No: 182TTFBD16029
Catalog No: GT13195
3,1800,TEFC,56C,3/60/230/460

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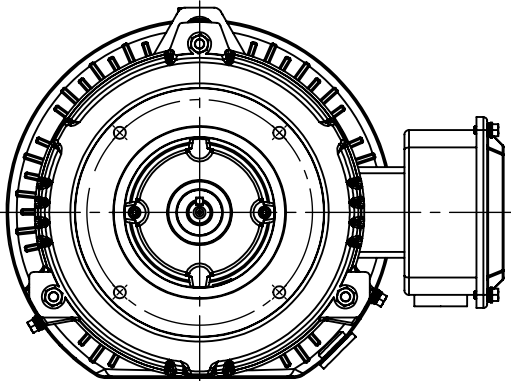
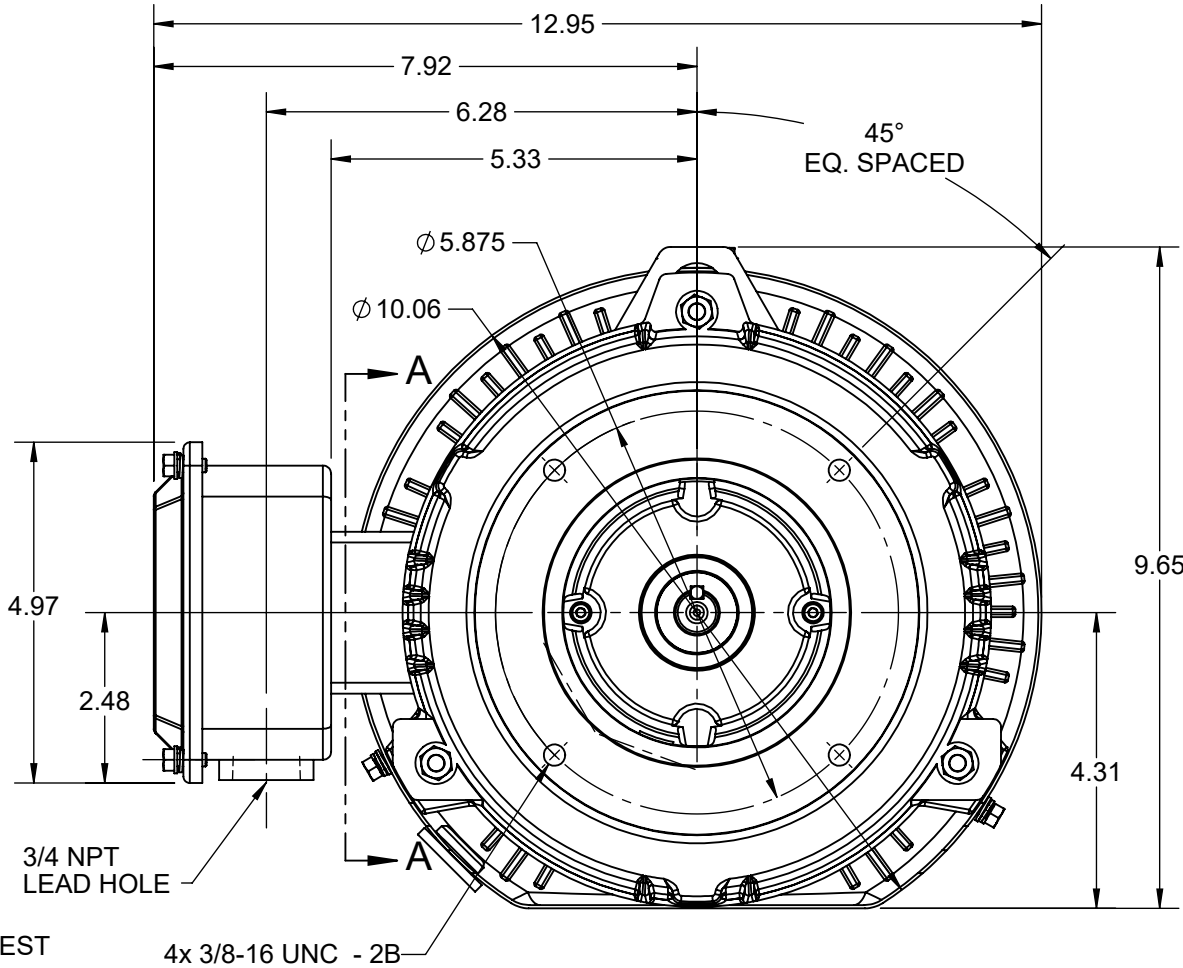
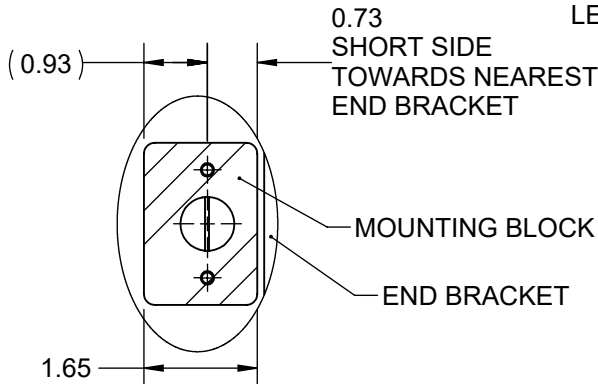
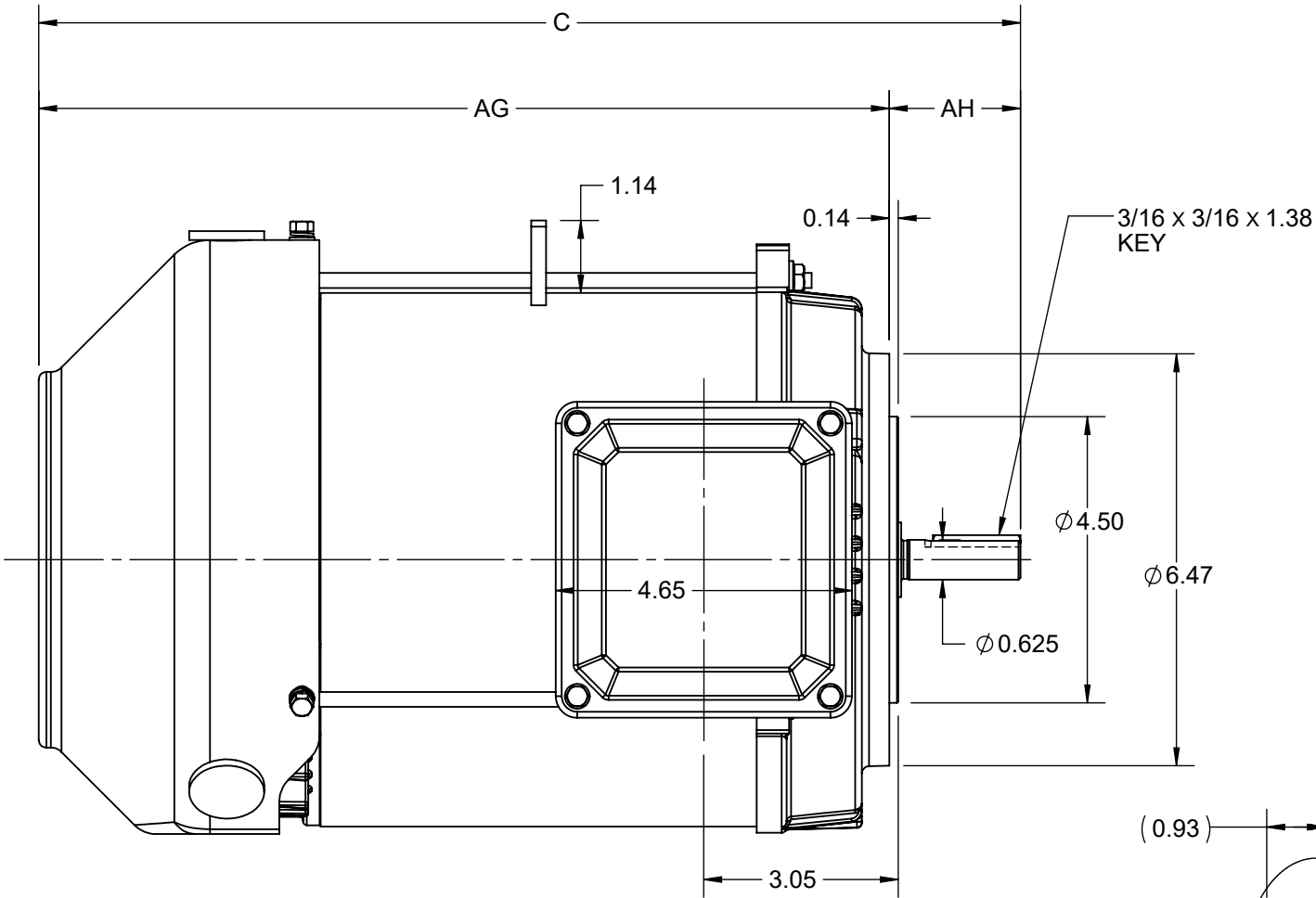
Nameplate Specifications

Technical Specifications

Outline Drawing	SS600254-100	Connection Drawing	EE7308T
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4						3						2						1					
DASH NO.	C	AG	AH	MOUNTING	FRAME																		
100	14.62	12.56	2.06	F1 OR F2	182TCZ																		
200	15.62	13.56			184TCZ																		



NOTE:
SHAFT EXTENSION : 56C STANDARD

DRAWING REVISION B	REVISION BY JP	REV DATE/© DATE 04-06-2021
ECO CR-0002875	APPROVED BY GNK	DATE 04-06-2021
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ARE FOR REFERENCE ONLY

DRAWN BY VS	 Regal Beloit America, Inc.		
DATE 27-07-2020			
APPROVED BY MSH	DESCRIPTION OUTLINE		
DATE 27-07-2020	182/184TCZ FR TEFC RS, 4.5 AK C-FACE, FOOTLESS		
REFERENCE	MATERIAL	PROCESS/FINISH	
THIRD ANGLE PROJECTION	SIZE B	DRAWING NUMBER SS600254	SHEET 1 OF 1

HIGH VOLTAGE



NOTE FOR FACTORY USE ONLY:
 TO SURGE TEST FOR COMMON CONNECT:
 HIGH VOLT: CONNECT P1 TO T1
 THEN P2 TO L1
 LOW VOLT: CONNECT P1 TO T1 & T7,
 THEN P2 TO L1

LOW VOLTAGE

THREE PHASE
DUAL VOLTAGE MOTOR

VIEW OF TERMINAL END

NOTE: LEAD'S COLOR CAN BE YELLOW OR WHITE FOR MT2 PLANT

DRAWING REVISION T	REVISION BY ZR	DATE 01-14-2019
ECO ECO-0159915	APPROVED BY DR	DATE 01-15-2019

ECO DESCRIPTION
ADDED TERMINAL CONNECTION DIAGRAM

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DRAWN BY
SMC

DATE
05-13-1992

APPROVED BY
TB

DATE
05-13-1992

REFERENCE
EE7308/EE7300

THIRD ANGLE
PROJECTION



Regal Beloit America, Inc.

DESCRIPTION

CONN DIAGRAM-INTERNAL
 3 PHASE - DUAL VOLTAGE MOTOR

MATERIAL

PROCESS/FINISH

SIZE
A

DRAWING NUMBER

EE7308T

SHEET
1 OF 1



P.O. BOX 8003
WAUSAU, WI 54401-8003
PH. 715-675-3311

DATA VOLTS: 460

CERTIFICATION DATA SHEET

CUSTOMER:
ORDER #:
CONN. DIAGRAM: EE7308T
OUTLINE: SS600254-100
WINDING: HA31124021 NONE 3
SPEED:

CUSTOMER P.O. #:
REFERENCE MODEL #: 182TTFBD16029
CAT #: GT13195
CUSTOMER PART #:
MOUNTING: F1/F2 CAPABLE

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC RPM	FL RPM	FRAME	ENCLOSURE	TYPE	KVA CODE	DESIGN
3	2.2	1800	1762	56C	TEFC	TFB	K	A

PH	HZ	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB	ELEV.
3	60/50	230/460#190/380	8/4&6.8/3.4	LINE OR INVERTER	CONT	F	1.15	40	3300

F.L. EFF	89.5	3/4 LD EFF	88.5	1/2 LD EFF	86.5	GTD EFF	ELECT. TYPE
F.L. PF	78.0	3/4 LD PF	70.0	1/2 LD PF	57.0	88.5	SQ CAGE INV RATED

F.L. TORQUE	LR AMPS @ 460 V	L.R. TORQUE	B.D. TORQUE	F.L. RISE (° C)
9.0 LB-FT	32.0	22.0 LB-FT 244%	30.0 LB-FT 333%	45

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK ²	MAX. LOAD WK ²	SAFE STALL TIME	STARTS/HOUR	APROX.	MOTOR WGT
62 dBA	71 dBA	0.30 LB-FT ²	25 LB-FT ²	32 SEC.	2	78	LB.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	MOTOR ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	STANDARD	ROUND	HORIZONTAL	NO	NONE	YES	NONE	BLUE (ENAMEL)

BEARINGS	GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE BALL	ODE BALL	POLYREX EM	STANDARD 56	NONE	NONE	ROLLED STEEL
6306	6205				1045 HOT ROLLED (C-204)	

THERMOSTATS	PROTECTORS	WDG RTD's	BRG RTD's	THERMISTORS	CONTROL	SPACE HEATERS
TSTATS (N/C)	NOT	NONE	NONE	NONE	FALSE	NA

R1 (ohms/ph)	R2 (ohms/ph)	X1 (ohms/ph)	X2 (ohms/ph)	Xm (ohms/ph)	VIBRATION (in/sec)	FLOAT
2.365	1.419	5.392	5.392	118.25	0.150	ODE

* N O T E *	INVERTER TORQUE: CONSTANT 10:1/VARIABLE 10:1 INV. HP SPEED RANGE: NONE	
	ENCODER: NONE	
	NONE	
	NONE PPR	
	BRAKE: NONE	

PREPARED BY: _____ DATE: 2/9/2023 FORM: 3531 REV. 4 2/27/06		BRAKE: NONE			
		NONE		NONE	
		FT-LB:		NA	
		VOLTAGE:		NONE	
		UL: V - LI,ME-INS,CONST UL REC,W/OVERHEAT PRT DEVICE			
		HZ			

