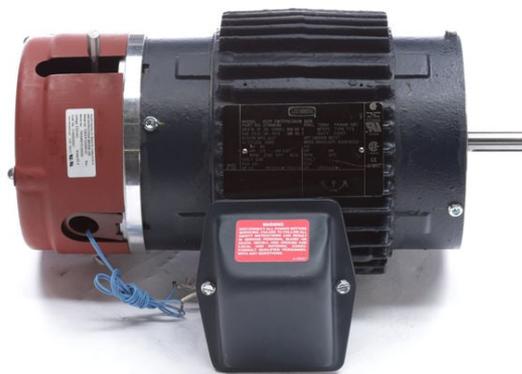


PRODUCT INFORMATION PACKET



Model No: 117698.00
Catalog No: 117698.00
Brake Motor, 0.50 HP, 3 Ph, 60 Hz, 230 V, 1800 RPM, 143TCZ Frame, TENV



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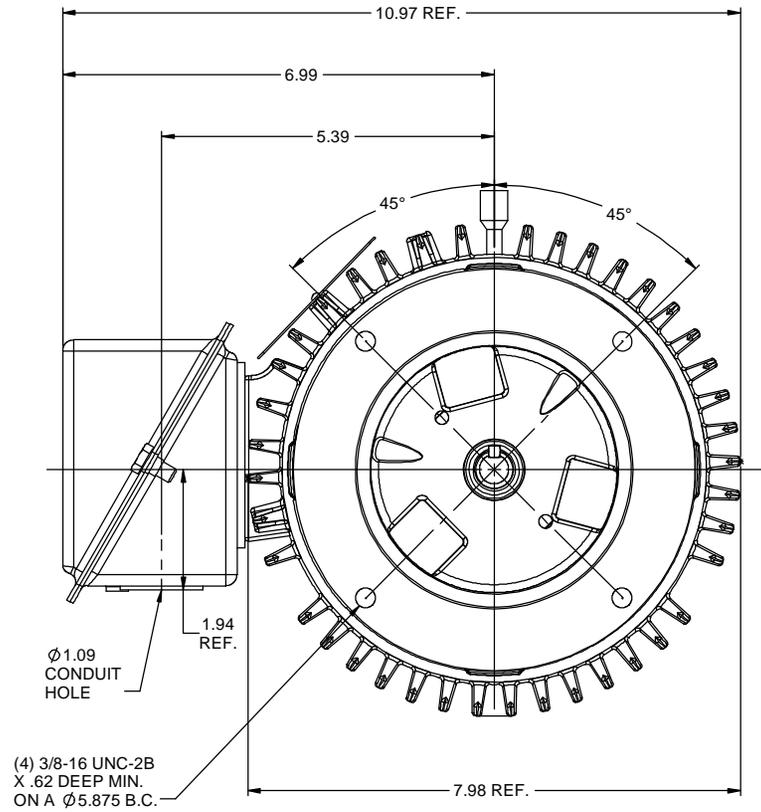
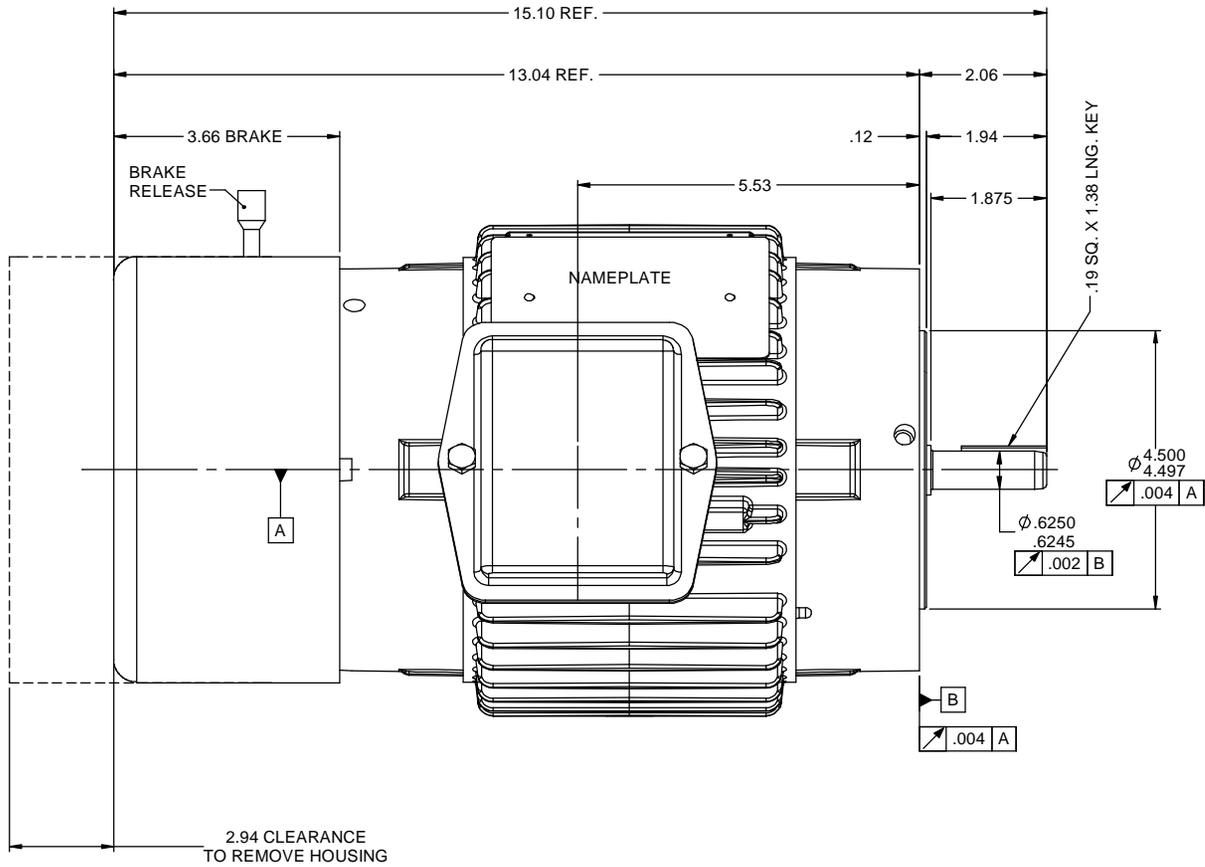
Nameplate Specifications

Phase	3	Output HP	0.50 Hp
Output KW	0.37 kW	Voltage	230 V
Speed	1750 rpm	Service Factor	1
Frame	143TCZ	Enclosure	Totally Enclosed Non Ventilated
Thermal Protection	No Protection	Efficiency	82.5 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	1.6 A	Power Factor	72
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	L
Drive End Bearing Size	6205	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	34.4 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	Single Special Extension	Overall Length	15.10 in
Frame Length	5.25 in	Shaft Diameter	0.625 in
Shaft Extension	1.88 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	OL117698	Connection Drawing	A-EE7300-LE

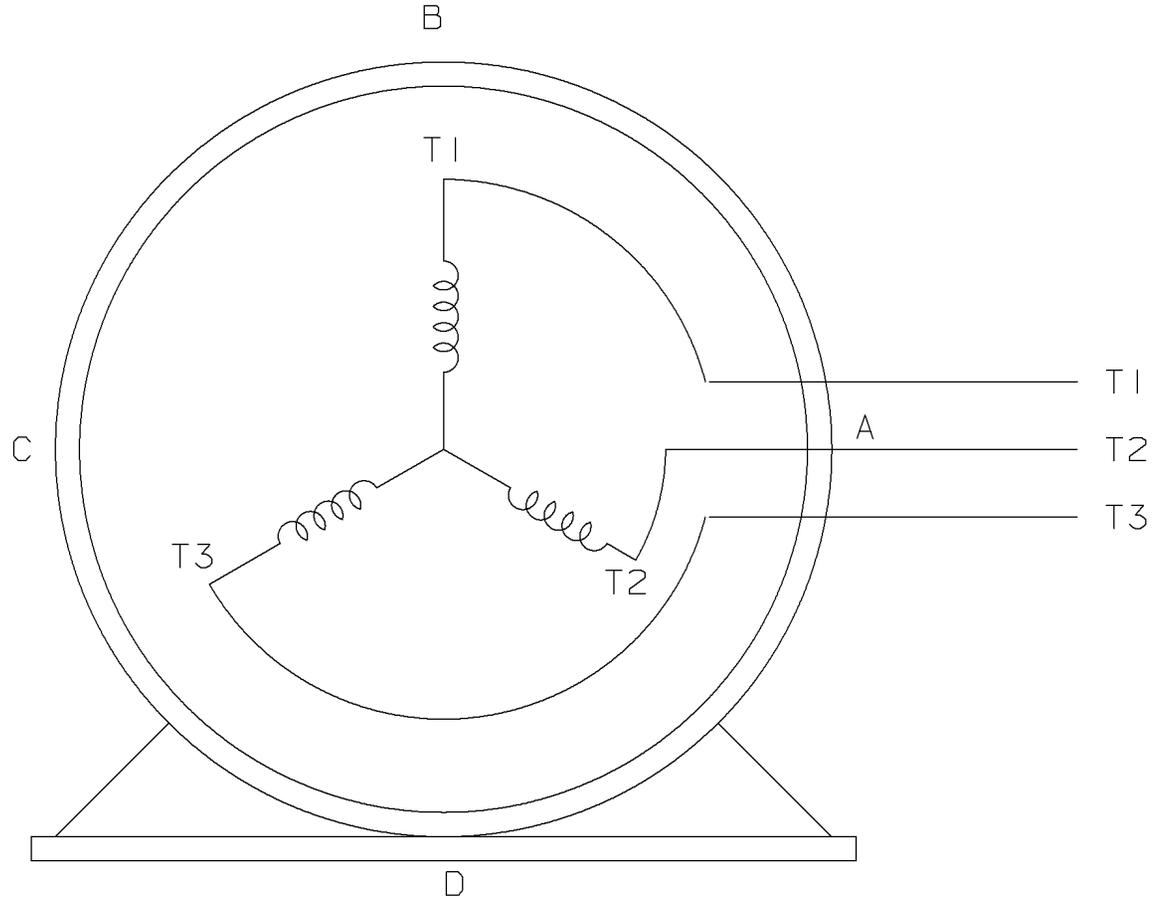
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		TOLERANCES UNLESS SPECIFIED		 Regal-Beloit Corporation		DRAWN LST 9/14/12	
		DEC	INCHES			CHK	
		X	±.1		APPR		
		XX	±.01	TITLE OUTLINE 56 FRAME BRAKEMOTOR		SCALE	1:2
		XXX	±.005	TENV - "C" FACE		REF	
		XXXX	±.0005	MATL		FMF	
NO	REVISION	BY & DATE	CHK	ANG	±1/2°	FINISH	PAGE OF
						PREV	
THIRD ANGLE PROJECTION				NETWORK FILE NAME OL117698		SIZE	DRAWING NO
						B	OL117698
							REV

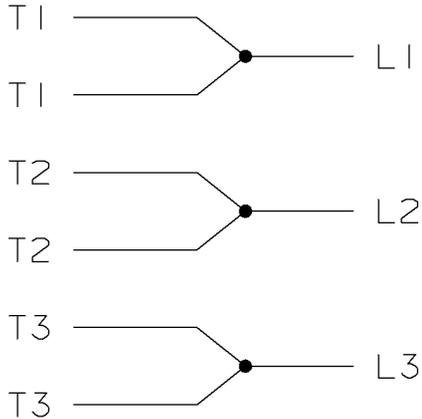
THREE PHASE - SINGLE VOLTAGE
MOTOR - CONDUIT BOX @ 'A'

TO REVERSE ROTATION:
INTERCHANGE ANY TWO LINE
LEAD CONNECTIONS



VIEW OF TERMINAL END

IF MOTOR HAS
6 LEADS



A-9806 DECAL

						TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN MSG 05-22-2002		
						DEC.	TOLERANCE			CHK ML 05-22-2002		
						.X	± .1	TITLE CONNECTION DIAGRAM SINGLE VOLT - 3Ø MOTOR		APPD GK 05-22-2002		
						.XX	± .02			SCALE		
						.XXX	± .005			REF		
1	NEW DRAWING	MSG	05-22-2002	ML	.XXXX	± .0005	✓ SURFACE ROUGHNESS UNLESS SPECIFIED	MAT'L.	FMF			
NO.	REVISION	BY	DATE	CHK	ANG	± 7'30'	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				PURCHASED		CAD FILE EE7300-LE		SHOP BOOK		SIZE	DRAWING NO.	REV.
				DIST WA - LB - WP - LM - BR - BY						A	EE7300-LE	I



CERTIFICATION DATA SHEET

**1051 CHEYENNE AVE.
GRAFTON, WI 53024
PH. 262-377-8810**

CATALOG #: 117698.00

CONN. DIAGRAM: A-EE7300-LE

OUTLINE: OL117698

MOUNTING: F1/F2 CAPABLE

WINDING #: ZT470 TS 3

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1/2	0.37	1800	1750	56C	TENV	L	B

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
3	60	230	1.6	ACROSS THE LINE	CONTINUOUS	F3	1.0	40

FULL LOAD EFF:	82.5	3/4 LOAD EFF:	83	1/2 LOAD EFF:	79.5	GTD. EFF		ELEC. TYPE	
FULL LOAD PF:	72	3/4 LOAD PF:	63.5	1/2 LOAD PF:	51	80	SQ CAGE IND RUN		

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
1.5 LB-FT	12.6	4.5 LB-FT 300 %	6.3 LB-FT 420 %	35

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
62 dBA	72 dBA	0.056 LB-FT^2	- LB-FT^2	20 SEC.	-	44 LBS.

***** SUPPLEMENTAL INFORMATION *****

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	STANDARD	ROUND	HORIZONTAL	FALSE	NONE	FALSE	NONE	BLUE (POWDER)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	ODE						
BALL	BALL	POLYREX EM	T	NONE	NONE	1144 STRESSPROOF (C-223)	CAST IRON
6205	6203						

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

*
N
O
T
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S

INVERTER TORQUE: NONE
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

EC Declaration of Conformity

The undersigned representing
the manufacturer:

Regal Beloit America
1946 West Cook Road
Fort Wayne, IN 46818

and the authorized representative
established within the Community:

Regal Beloit Italy
Via Modena, 18
24040 Ciserano(BG) - Italy

are committed to providing customers with products that comply with applicable regulations and international protocols to which they are subject, including the requirements of the European Parliament Directive on the Harmonization of the laws relating to electrical equipment designed for use within certain voltage limits (2014/35/EU).

Regal Beloit America declares that the following product(s), to which this declaration relates, are in conformity with the relevant sections of the EC standards listed below.

This statement supersedes any statements previously issued pertaining to the product(s) listed below and is subject to change without notice.

Model No : 117698.00

(Model No. may contain prefix and/or suffix characters)

Catalog No : 117698.00

Rework No : N/A

Directives :

Low Voltage Directive 2014/35/EU

Harmonized Standards Used :

EN 60034-1: 2010 (IEC 60034-1: 2010)

EN 60034-5: 2001/A1:2007 (IEC 60034-5: 2000/A1:2006)

Authorized Representative:



Zach Stauffer
Vice President, Engineering

Authorized Representative in the Community:



Stefano Casiraghi
Technology Director, Engineering

Created on 07/08/2025

CE 25