

PRODUCT INFORMATION PACKET



Model No: 112429.00

Catalog No: 112429.00

White Duck™ General Purpose Motor, 0.50 HP, 3 Ph, 60 Hz, 230/460 V, 1800 RPM, 56C Frame, TEFC

Operational at 208-230/460 V @60HZ



Regal and LEESON are trademarks of Regal Rexnord Corporation or one of its affiliated companies.

©2025 Regal Rexnord Corporation, All Rights Reserved. MC017097E



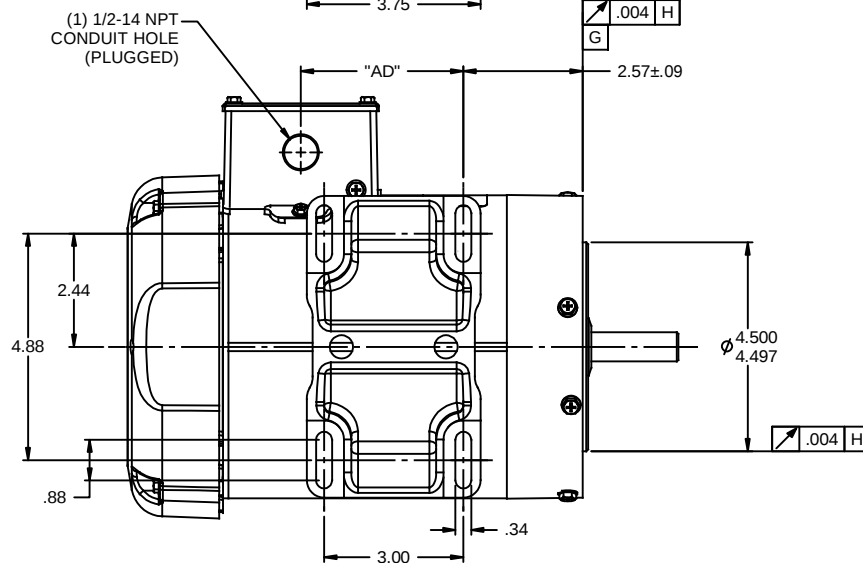
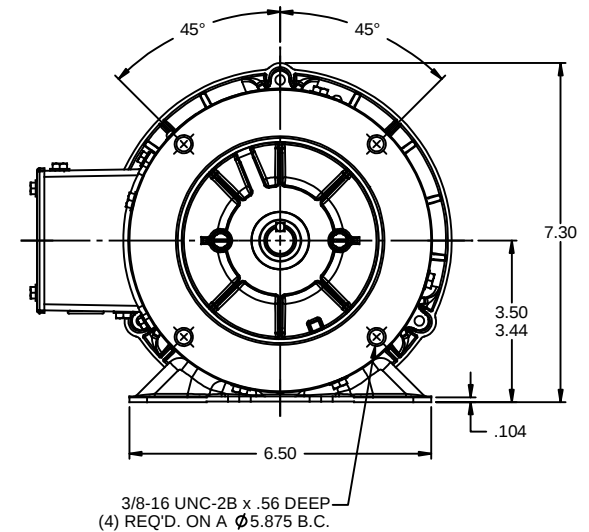
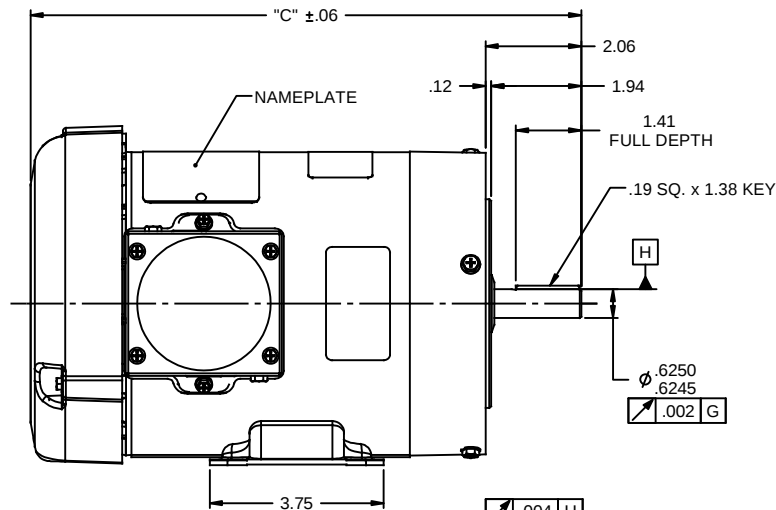
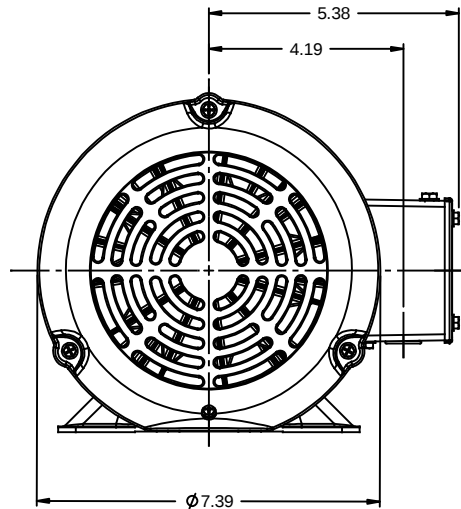


Nameplate Specifications

Phase	3	Output HP	0.50 Hp
Output KW	0.37 kW	Voltage	230/460 V
Speed	1725 rpm	Service Factor	1.15
Frame	56C	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	74 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	2.0/1.0 A	Power Factor	63
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	K
Drive End Bearing Size	6205	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	Y	IP Code	55
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	31.5 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 56	Overall Length	10.87 in
Frame Length	5.00 in	Shaft Diameter	0.625 in
Shaft Extension	1.88 in	Assembly/Box Mounting	F1 ONLY
Inverter Load	CONSTANT 10:1		
Outline Drawing	607-0002-500	Connection Drawing	005010.01

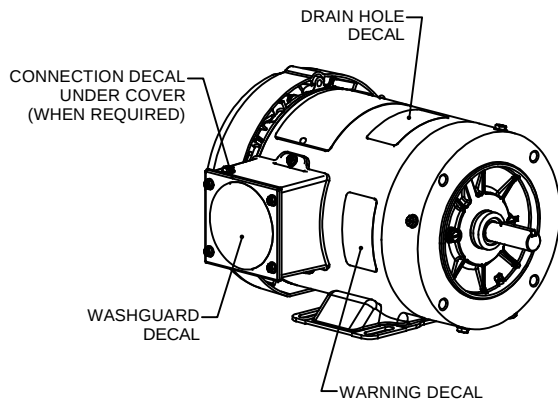


WASHGUARD MOTOR

SPECIAL FEATURES:

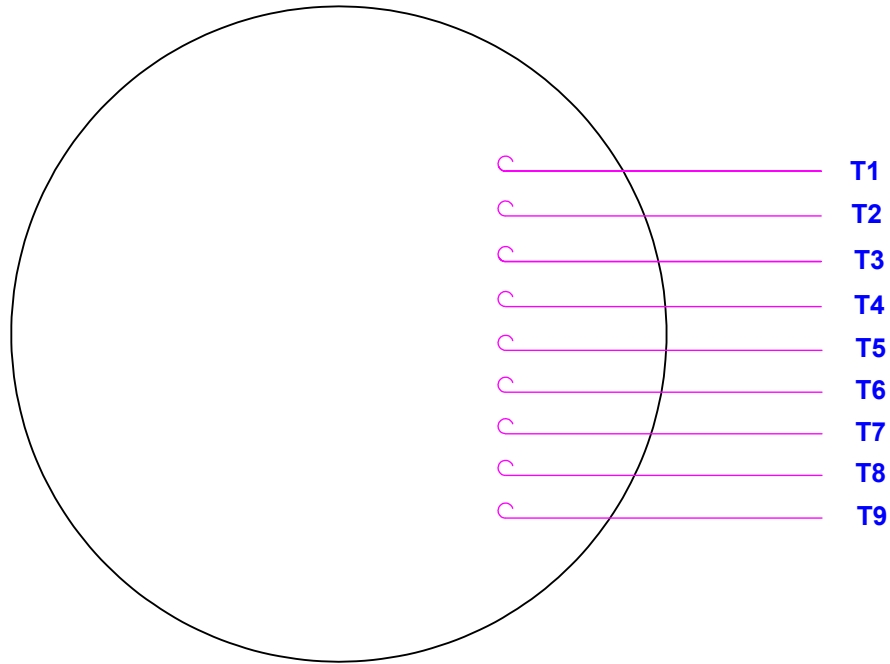
1. SHAFT SEALS & V-RING.
2. PLUGGED DRAIN HOLES IN ENDBELLS & CONDUIT BOX.
3. BUNA-N GASKETS THROUGHOUT.
4. STAINLESS STEEL SHAFT, HARDWARE & NAMEPLATE.

DASH NO.	"C"	"AD"
450	10.37	2.00
475	10.62	2.25
500	10.87	2.50
550	11.37	3.00
600	11.87	3.50
650	12.37	4.00
675	12.62	4.25

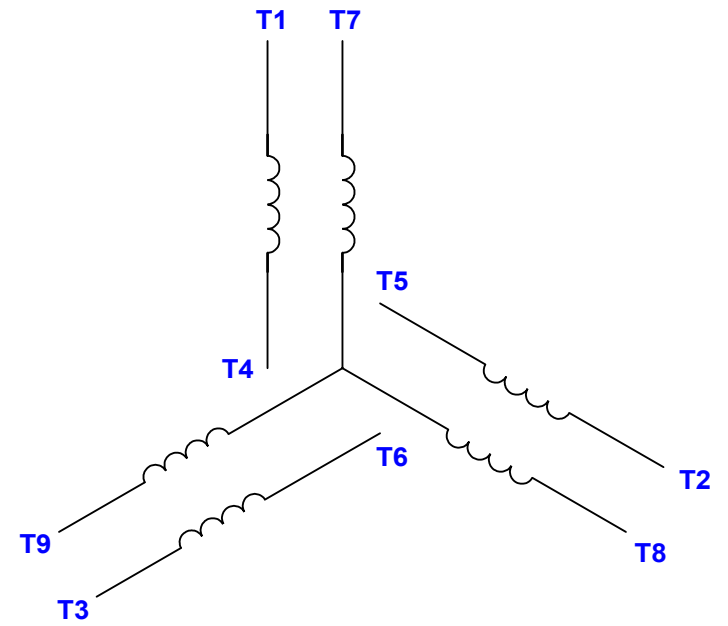


TOLERANCES UNLESS SPECIFIED				ELECTRIC MOTORS GEARMOTORS AND DRIVES			
DEC	INCHES			DRAWN PG 02/01/11			
X	±.1			CHK			
XX	±.03			APPR			
XXX	±.005			SCALE 3:8			
XXXX	±.0005			REF 028785			
NO	REVISION	BY & DATE	CHK ANG ±1/2"	FMF 112429.00			
THIRD ANGLE PROJECTION				PAGE OF			
RFP				PREV			
NETWORK FILE NAME 607-0002				SIZE B			
				DRAWING NO 607-0002			
				REV			

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.

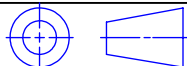


LINE LEADS



VOLTAGE	L1	L2	L3	JOIN & INSULATE
HIGH	T1	T2	T3	(T4, T7) (T5, T8) (T6, T9)
LOW	T1, T7	T2, T8	T3, T9	T4, T5, T6

RBC PROPRIETARY AND CONFIDENTIAL INFORMATION
This document is the property of REGAL BELOIT CORPORATION ("RBC") including its subsidiaries and divisions and contains proprietary information of RBC. This document is loaned on the express condition that neither it nor the information contained therein shall be disclosed to others without the express written consent of RBC, and that the information shall be used by the recipient only as approved expressly by RBC. This document shall be returned to RBC upon its request. This document may be subject to certain restrictions under U.S. export control laws and regulations.

				TOLERANCES UNLESS SPECIFIED		 Regal Beloit America, Inc.	DRAWN RDW 04/12/02		
				DEC	INCHES		CHK		
				.X	±.1		APPR		
12	CHG FROM LEESON TO RRX TEMPLATE AS PER ECR-0237142	KVDG 09/19/24	DS	.XX	±.01	TITLE EXTERNAL WIRING DIAGRAM 3 PHASE W/O PROTECTOR	SCALE 1:1		
--	REDRAWN IN SOLIDWORKS	VJB 02/08/11		.XXX	±.005		REF FIG. 2-51		
11	ADD REV TO MATCH ORACLE	KJH 06/08/09	MDN	.XXXX	±.0005	MAT'L DECAL - 004014	FMF		
NO	REVISION	BY & DATE	CHK	ANG	±1/2°	FINISH	PAGE OF		
THIRD ANGLE PROJECTION 			RFP 04/12/02		PREV		SIZE A	DRAWING NO 005010-01	REV 12
			NETWORK FILE NAME 00501001						



LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 112429.00

Curve at

460

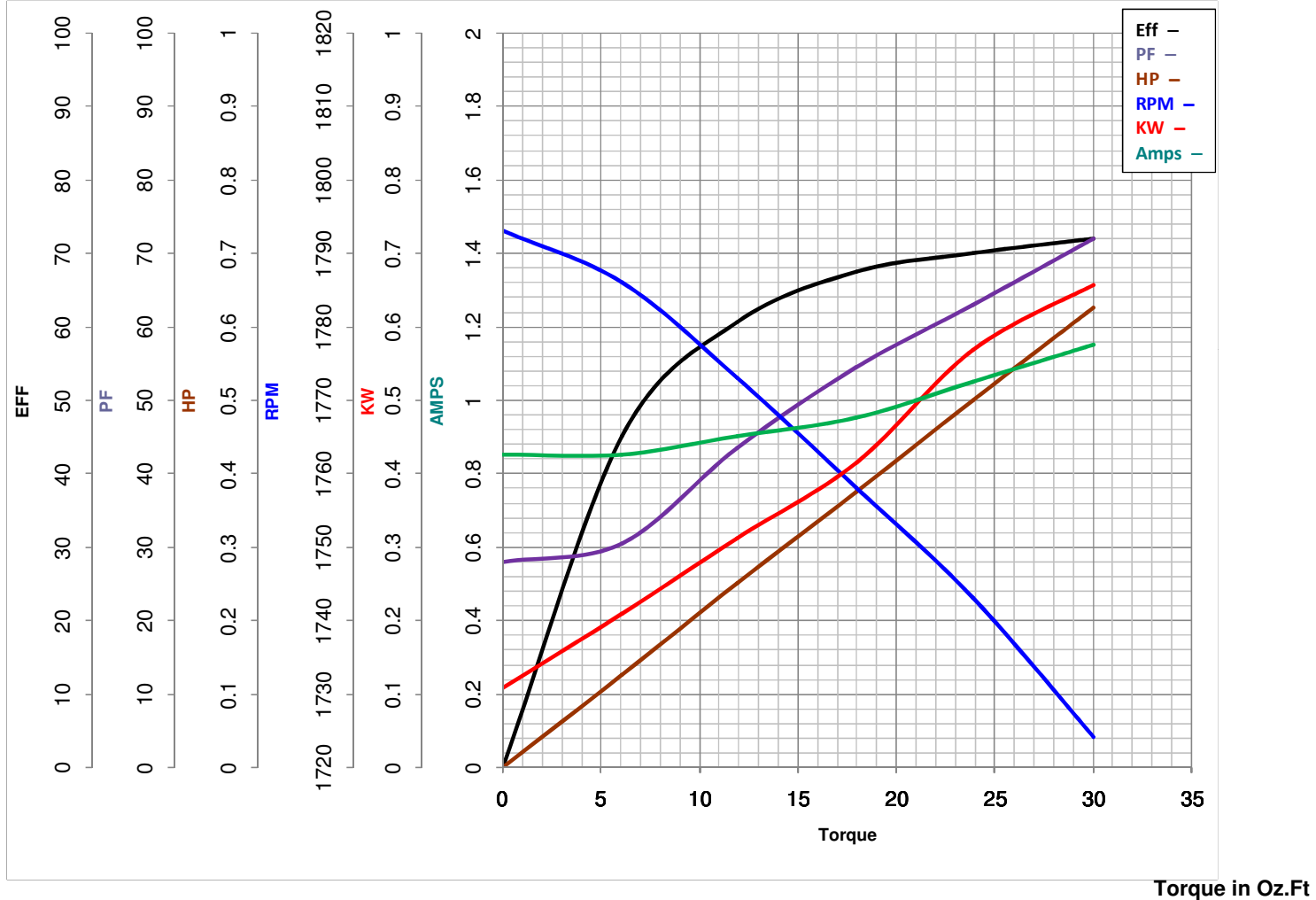
Volts

HP 0.50PHASE 360

HZ

0.5

HP

VOLTS 208-230/460Catalog No 112429.00HZ 60RPM 1725FL TORQUE 23.9 Oz.FtBD TORQUE 86.5 Oz.FtLR TORQUE 60 Oz.Ft

WINDING T634199-3

FL AMPS 1.9-2/1PU TORQUE 59.0 Oz.FtLR AMPS 5.1

Date 5/21/2018

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 : 112429.00

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

Catalog No : 112429.00

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