

PRODUCT INFORMATION PACKET



Model No: 122184.00

Catalog No: 122184.00

White Duck™ General Purpose Motor, 3 HP, 3 Ph, 60 Hz, 230/460 V, 3600 RPM, 145TC Frame, TEFC

Operational at 208-230/460 V @60HZ



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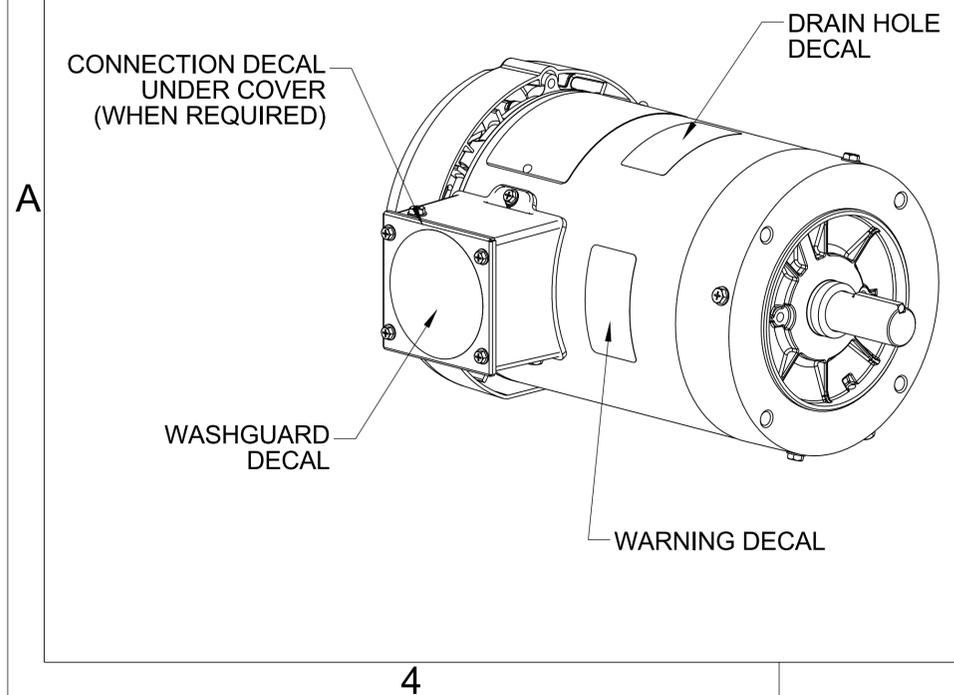
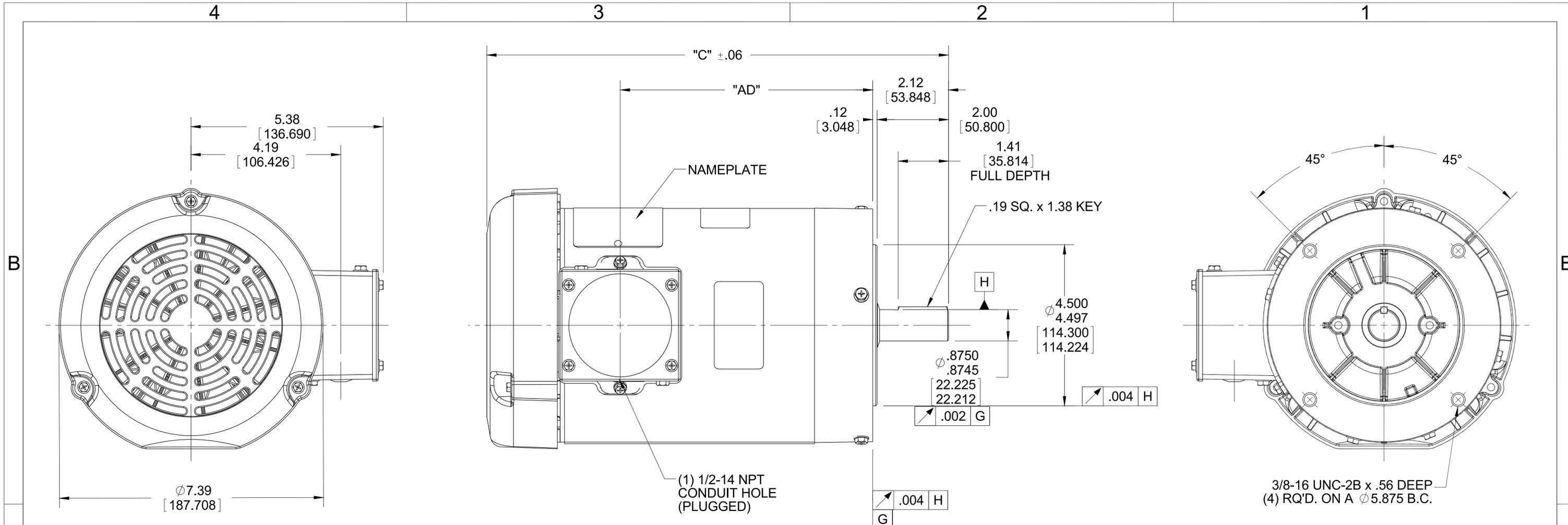


Nameplate Specifications

Phase	3	Output HP	3 Hp
Output KW	2.2 kW	Voltage	230/460 V
Speed	3490 rpm	Service Factor	1.15
Frame	145TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Thermostat	Efficiency	86.5 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	8.0/4.0 A	Power Factor	86
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	N
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 Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	3.83 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Overall Length	13.68 in
Frame Length	7.75 in	Shaft Diameter	0.875 in
Shaft Extension	2.25 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	607-0007-775	Connection Drawing	005010.20

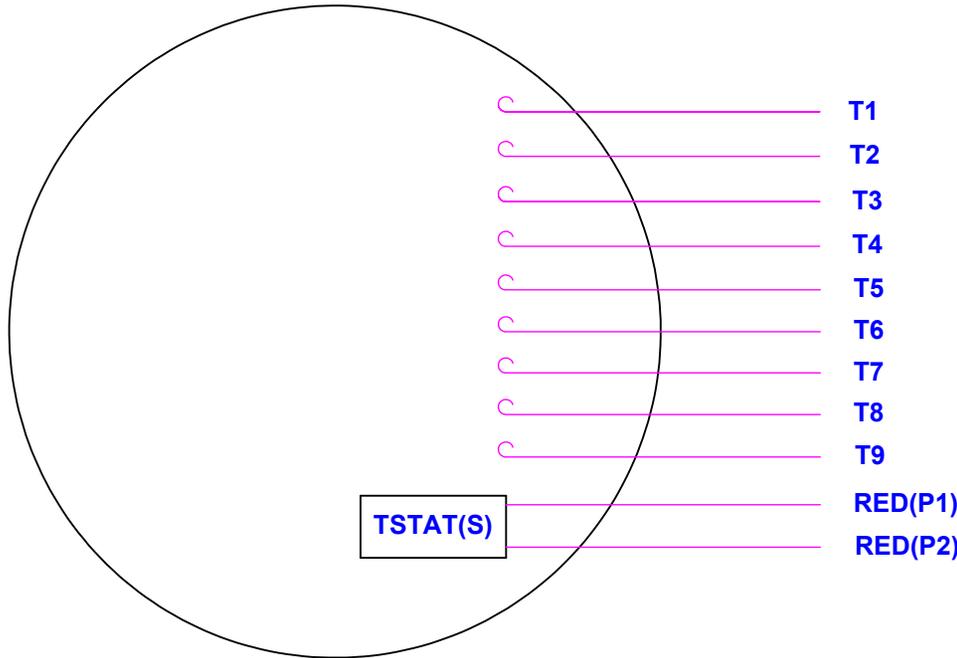


DASH NO	"C"	"AD"
500	10.93	5.06
550	11.43	5.56
600	11.93	6.06
650	12.43	6.56
700	12.93	7.06
750	13.43	7.56
775	13.68	7.81
800	13.93	8.06

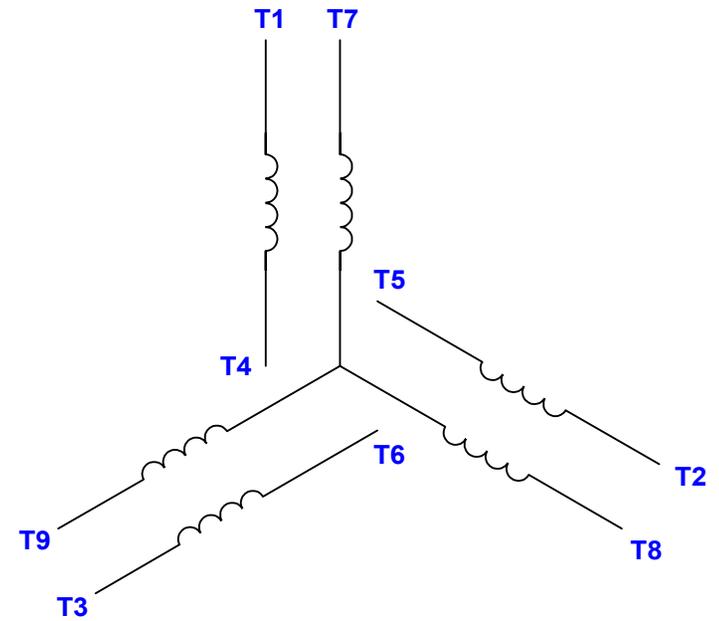
WASHGUARD MOTOR
 SPECIAL FEATURES:
 1. SHAFT SEALS & V-RING.
 2. PLUGGED DRAIN HOLES IN ENDBELLS & CONDUIT BOX.
 3. BUNA-N GASKETS THROUGHOUT.
 4. STAINLESS STEEL SHAFT, HARDWARE & NAMEPLATE.

DRAWING REVISION C	REVISION BY CHRIS FISHER	DATE 9/25/2015	TOLERANCES UNLESS OTHERWISE SPECIFIED: DEC. INCH mm ANGLE .X ± 0.1 [± 2.5] .XX ± 0.01 [± 0.25] .XXX ± 0.005 [± 0.127] .XXXX ± 0.0005 [± 0.0127] REMOVE BURRS & BREAK SHARP EDGES: $.003/.015$ [.076/.381] X 45° CORNER FILLETS: R.02 [.51] MACHINED SURFACES: 125 3.2 INCH mm mm SHOWN IN [BRACKETS]	DRAWN BY PG 02/08/11	Regal Beloit America, Inc.
ECO ECO-0085560	APPROVED BY	DATE		DATE	
ECO DESCRIPTION ADDED ITEM #775 <small>COPYRIGHT REGAL BELOIT AMERICA, INC. ALL RIGHTS RESERVED. PROPRIETARY AND CONFIDENTIAL INFORMATION - THIS DOCUMENT IS THE PROPERTY OF REGAL BELOIT AMERICA, INC. ("OWNER") AND CONTAINS OWNER'S PROPRIETARY INFORMATION. ANY PERSON, CORPORATION OR OTHER FIRM RECEIVING IT IS DEEMED, BY RECEIVING IT, TO AGREE THAT IT, AND/OR ANY PART OF IT, SHALL NOT BE DISCLOSED TO ANY PERSON, CORPORATION OR OTHER ENTITY, DUPLICATED, AND/OR USED, EXCEPT AS EXPRESSLY APPROVED IN WRITING IN ADVANCE BY OWNER. THIS DOCUMENT SHALL BE RETURNED TO OWNER UPON REQUEST. IT MAY BE SUBJECT TO CERTAIN RESTRICTIONS UNDER APPLICABLE EXPORT CONTROL LAWS AND REGULATIONS.</small>			REFERENCE	DESCRIPTION OUTLINE TEFC - "C" FACE	PROCESS/FINISH
			THIRD ANGLE PROJECTION	MATERIAL WASHGUARD	SIZE B
				DRAWING NUMBER 607-0007	SHEET 1 OF 1

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

DRAWING REVISION H REVISION BY KVDG DATE 09/18/2024

ECO ECR-0237142 APPROVED BY DS DATE 09/19/2024

ECO DESCRIPTION ADDED P1 & P2 FOR TSTAT

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TOLERANCES UNLESS OTHERWISE SPECIFIED:

DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±0.5°
.XX	±0.01	[±0.25]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	

REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.076/.381] X 45°
CORNER FILLETS: R.02 [.51]
MACHINED SURFACES: 125/3.2 INCH/mm

mm SHOWN IN [BRACKETS]

DRAWN BY DBT 12/16/97

DATE

APPROVED BY KH 12/17/97

DATE

REFERENCE THIRD ANGLE PROJECTION

Regal Rexnord Regal Beloit America, Inc.

DESCRIPTION
CONN DIAGRAM-EXTERNAL
3 PHASE WITH PROTECTOR

MATERIAL DECAL - 004014 (TSTAT) - 080582	PROCESS/FINISH STOCK
SIZE A	DRAWING NUMBER 00501020
SHEET 1 OF 1	



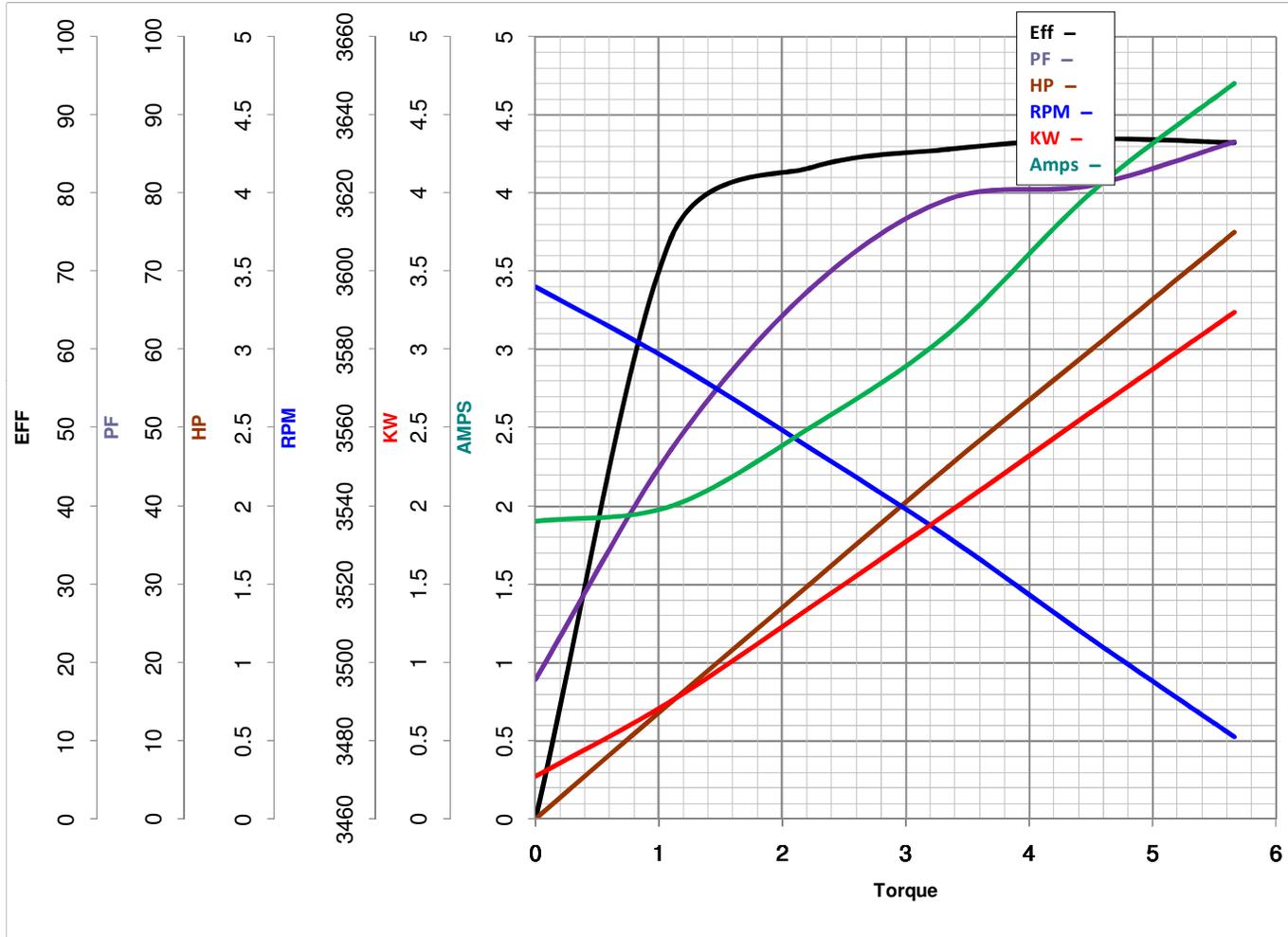
LEESON ELECTRIC CORPORATION
 TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 122184.00

Curve at 460 Volts HP 3.00 PHASE 3
60 HZ
3 HP VOLTS 208-230/460

Catalog No 122184.00

HZ 60 RPM 3490



Torque in Lb.Ft

FL TORQUE 4.5 Lb.Ft
 BD TORQUE 20.8 Lb.Ft
 LR TORQUE 17.97 Lb.Ft

FL AMPS 8.8-8/4
 PU TORQUE 17.5 Lb.Ft
 LR AMPS 41

WINDING T632209-3

Date 5/22/2018

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 : 122184.00

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

Catalog No : 122184.00

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