

PRODUCT INFORMATION PACKET



Model No: 116644.00

Catalog No: 116644.00

White Duck™ General Purpose Motor, 0.50 & 0.33 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V,
1800 & 1500 RPM, 56C Frame, TEFC

Operational at 208-230/460 V @60HZ



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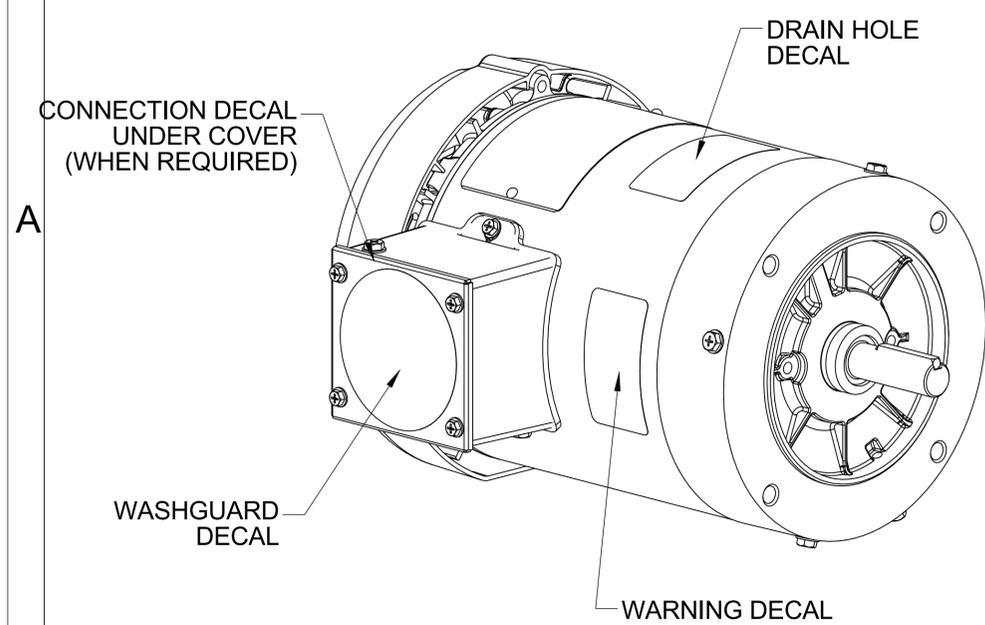
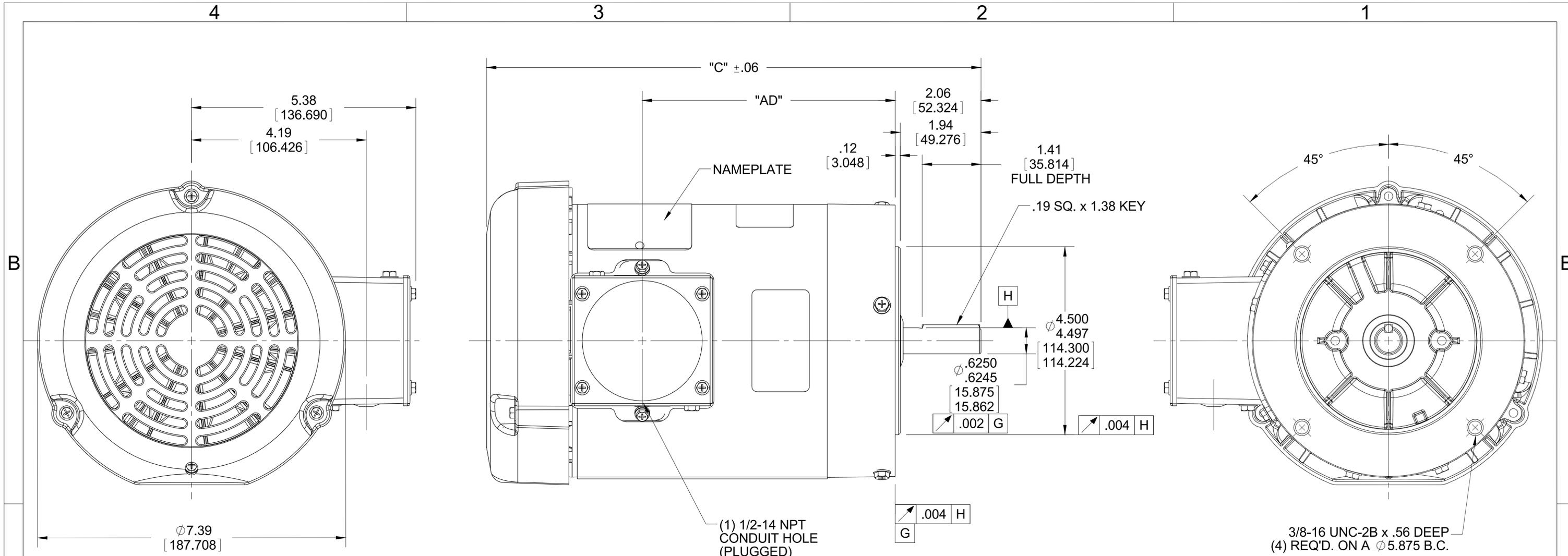


Nameplate Specifications

Phase	3	Output HP	0.50 & 0.33 Hp
Output KW	0.37 & 0.25 kW	Voltage	230/460 & 190/380 V
Speed	1725 & 1425 rpm	Service Factor	1.15 & 1.15
Frame	56C	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	74 & 77 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	2/1 & 1.8/9 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 Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	31.5 Ohms	Mounting	Round
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
Outline Drawing	607-0006-500	Connection Drawing	005010.01



DASH NO.	"C"	"AD"
450	10.37	4.56
500	10.87	5.06
550	11.37	5.56
600	11.87	6.06
650	12.37	6.56
675	12.62	6.81
700	12.87	7.06
750	13.37	7.56
775	13.62	7.81
800	13.87	8.06

WASHGUARD MOTOR

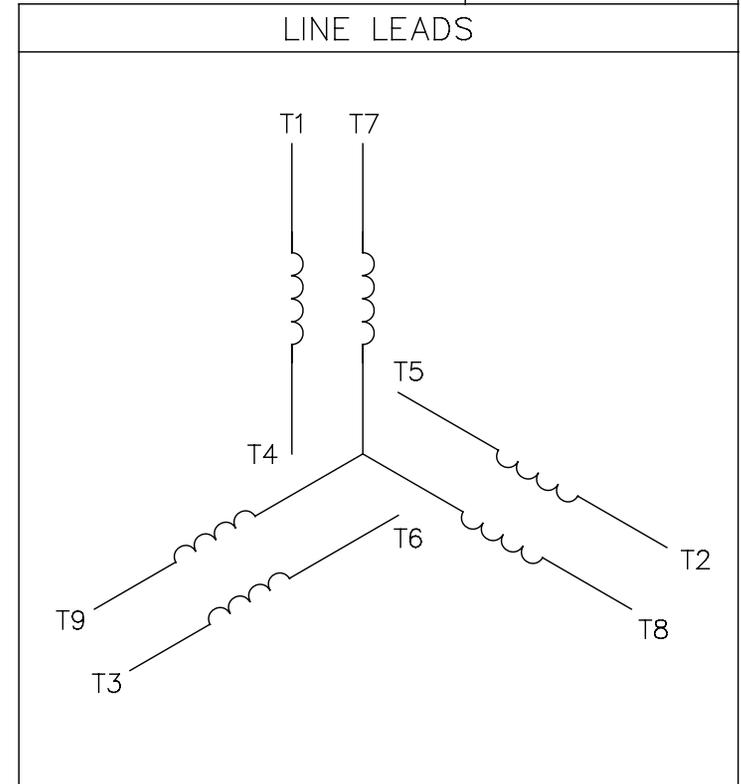
SPECIAL FEATURES:

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 D	REVISION BY SAJID	DATE 10/01/2015	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 ™ Regal Beloit America, Inc.
ECO ECO-0081887	APPROVED BY	DATE		DATE	
ECO DESCRIPTION ADDED ITEMS #800				APPROVED BY	DESCRIPTION OUTLINE TEFC - "C" FACE
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				REFERENCE	PROCESS/FINISH
				THIRD ANGLE PROJECTION	SIZE B
					DRAWING NUMBER 607-0006
					SHEET 1 OF 1

005010-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



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

				TOLERANCES UNLESS SPECIFIED		REGAL ™ Regal Beloit America, Inc.		DRAWN RDW 04/12/02				
				DEC.	INCHES			CHK				
				.X	±.1			APPD				
				.XX	±.01			SCALE 1=1				
				.XXX	±.005	TITLE		REF FIG.2-51				
A	UPDATED TO REGAL LOGO			SAJ	06/26/15	AJY	.XXXX	±.0005	MAT'L. DECAL - 004014	FMF		
NO.	REVISION			BY & DATE	CHK	ANG	±1/2"	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				RFP	04/12/02		CAD FILE	00501001		SIZE	DRAWING NO.	REV.
				DIST	BRF-NLV				A	005010-01		A



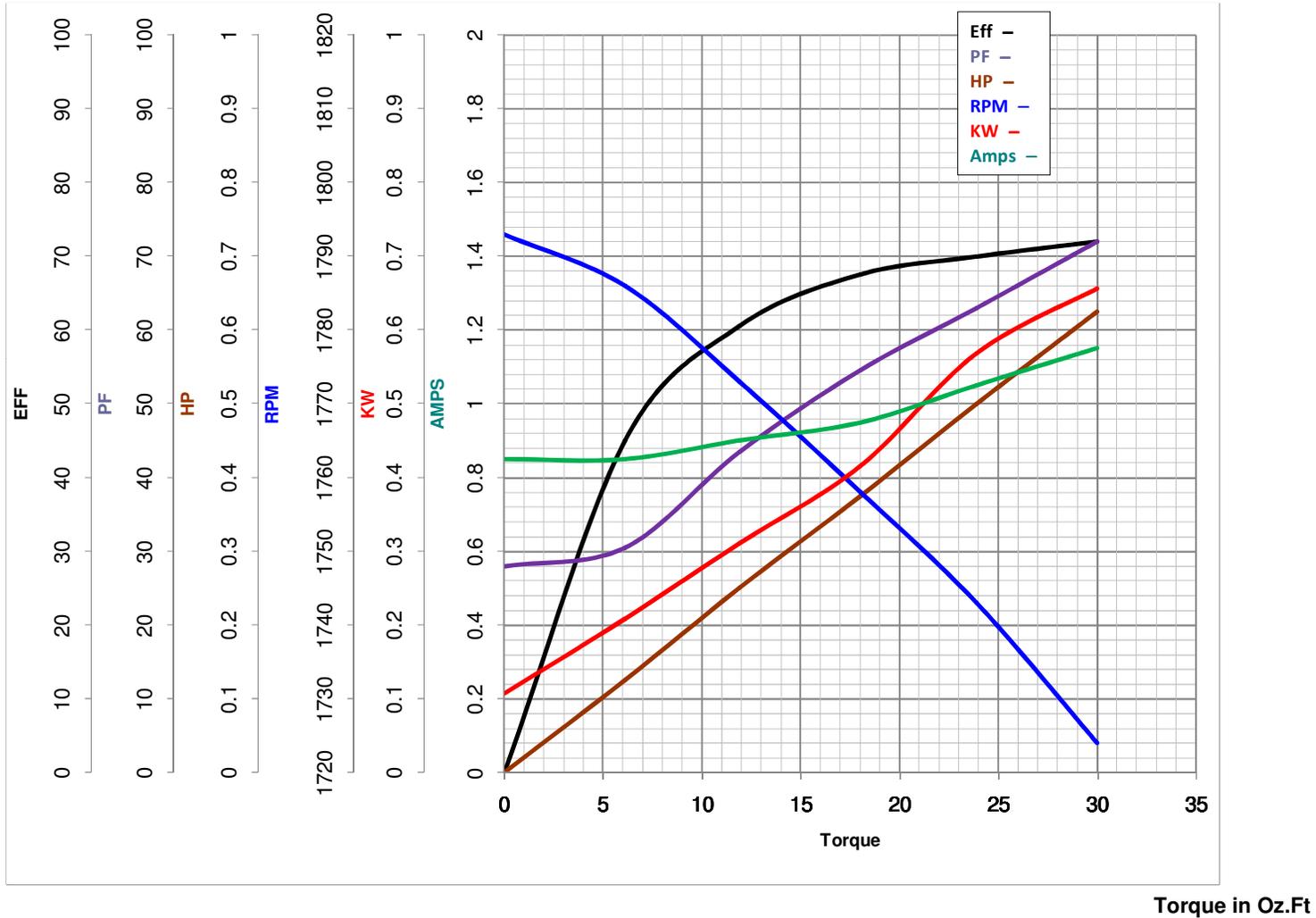
LEESON ELECTRIC CORPORATION
 TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 116644.00

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Curve at 460 Volts HP 0.5&0.34 PHASE 3
60 HZ
0.5 HP VOLTS 208-230/460&190/380

HZ 60&50 RPM 1725&1425



FL TORQUE 23.9 Oz.Ft
 BD TORQUE 86.5 Oz.Ft
 LR TORQUE 60 Oz.Ft

FL AMPS 43132
 PU TORQUE 59.0 Oz.Ft
 LR AMPS 5.1

WINDING T634199-3

Date 5/22/2018

EC Declaration of Conformity

The undersigned representing
the manufacturer:

Regal Beloit America
100 East Randolph St.
Wausau, WI 54401

and the authorized representative
established within the Community:

Marathon Electric UK
6F Thistleton Road Ind. Estate
Market Overton
Oakham, Rutland LE15 7PP UK

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 : 116644.00

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

Catalog No : 116644.00

Rework No : N/A

Directives :

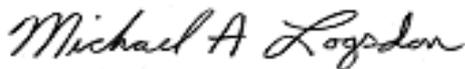
Low Voltage Directive 2014/35/EU

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:



Michael A. Logsdon
Vice President, Technology

Authorized Representative in the Community:



Julian Clark
Marketing Engineer

Created on 09/01/2022

CE 22