

PRODUCT INFORMATION PACKET



Model No: 113590.00

Catalog No: 113590.00

White Duck™ General Purpose Motor, 1 HP, 3 Ph, 60 Hz, 230/460 V, 3600 RPM, 56C Frame, TENV



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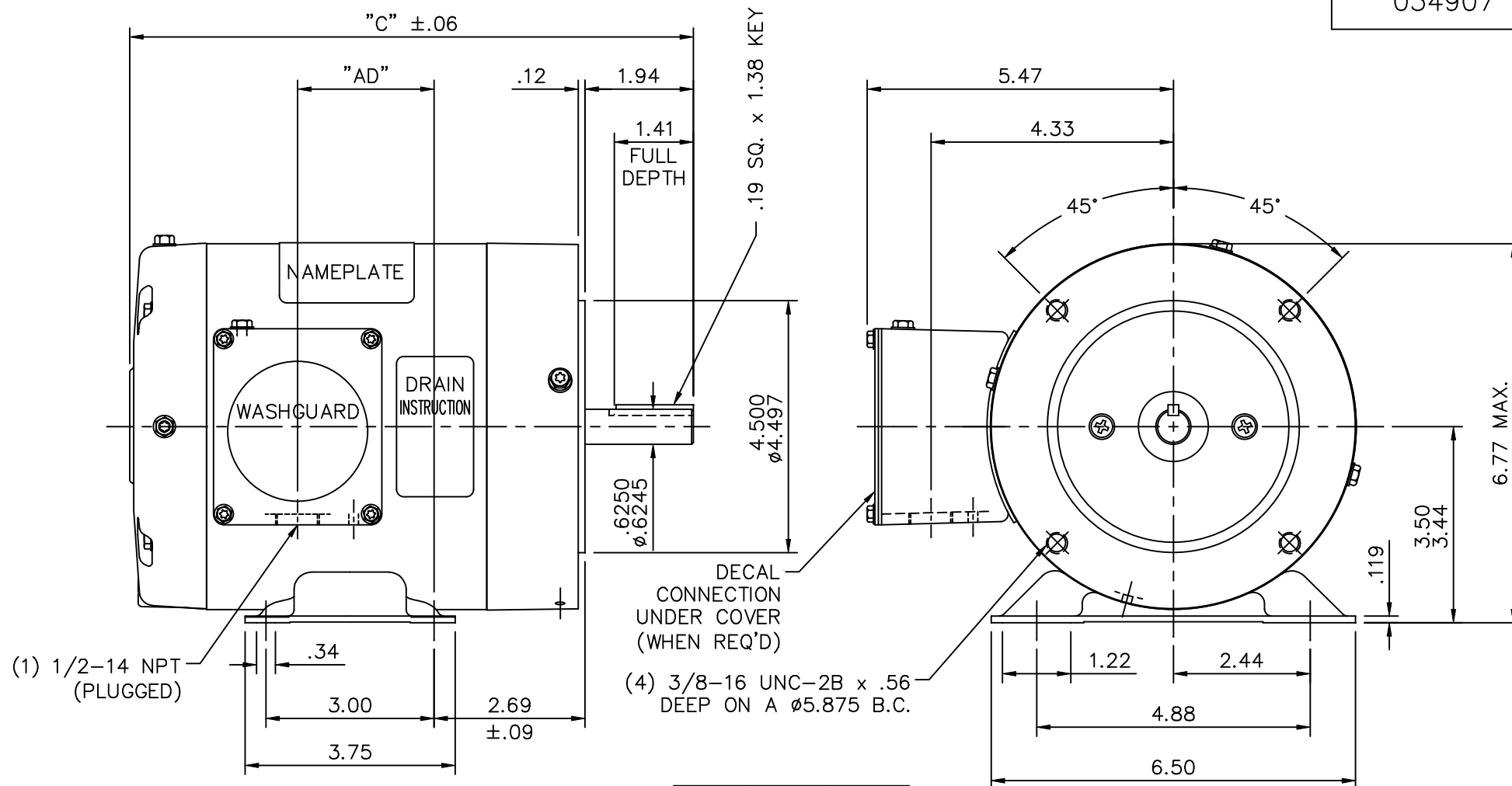
Nameplate Specifications

Phase	3	Output HP	1 Hp
Output KW	0.75 kW	Voltage	230/460 V
Speed	3450 rpm	Service Factor	1.15
Frame	56C	Enclosure	Totally Enclosed Non Ventilated
Thermal Protection	No Protection	Efficiency	77 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	2.8-2.6/1.3 A	Power Factor	84.8
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	L
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	0 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	11.58 in
Frame Length	6.50 in	Shaft Diameter	0.625 in
Shaft Extension	1.88 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	034907-650	Connection Drawing	005010.01

034907



SPECIAL FEATURES:

- 1) SHAFT SEALS & V-RING
- 2) DRAIN HOLES IN BOTH ENDBELLS & CONDUIT BOX
- 3) GASKETS THROUGHOUT
- 4) STAINLESS STEEL SHAFT, HARDWARE & NAMEPLATE

DASH NO.	"C"	"AD"
500	10.08	2.44
550	10.58	2.94
600	11.08	3.44
650	11.58	3.94

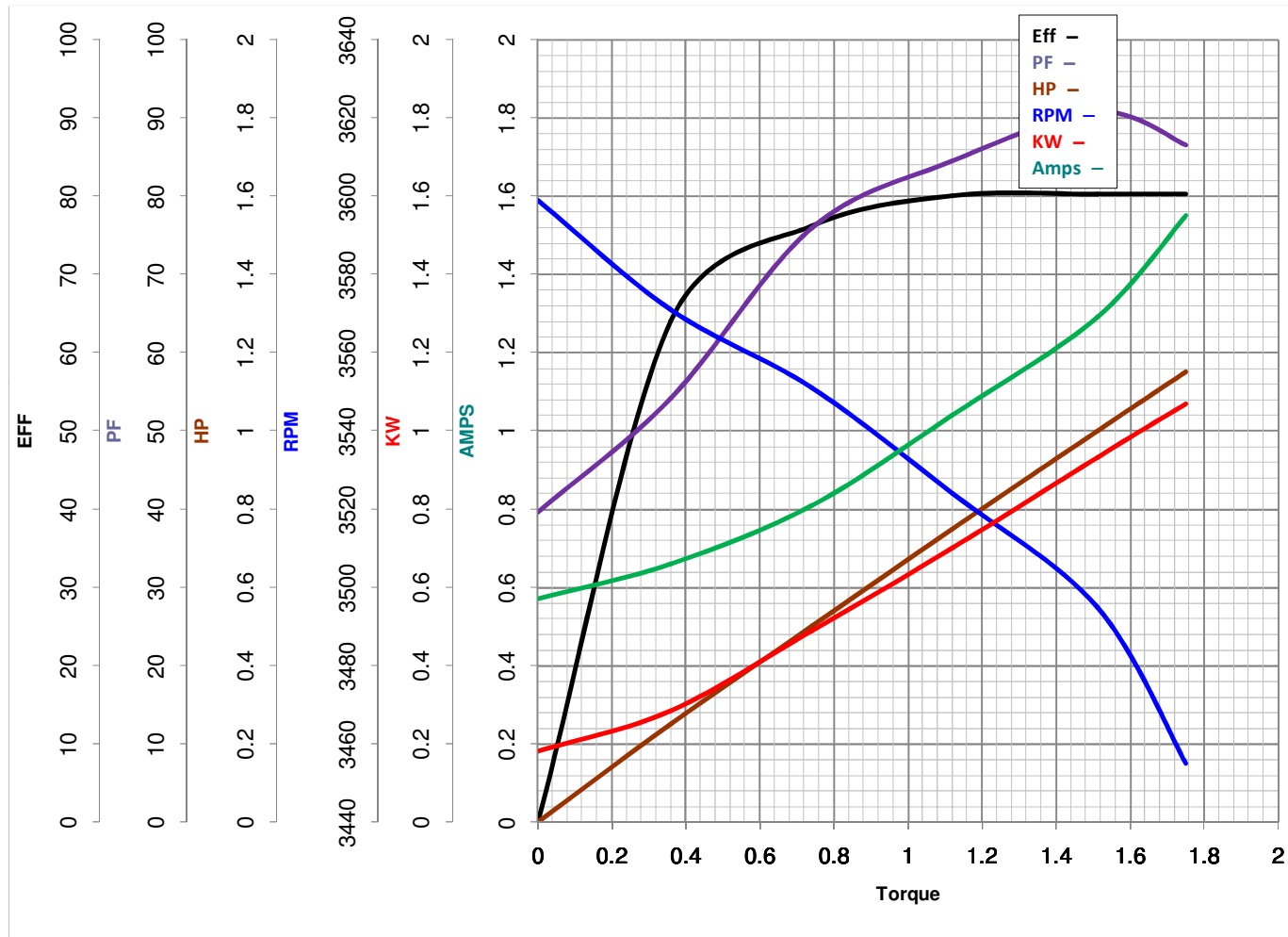
MAXIMUM FACE RUNOUT .004 T.I.R.
 MAXIMUM PILOT ECCENTRICITY .004 T.I.R.
 PERMISSIBLE SHAFT RUNOUT .002 T.I.R.

			TOLERANCES UNLESS SPECIFIED				ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN RDW 12/12/01	
			DEC.	INCHES					CHK	
			.X	±.1					APPD KMM 12/12/01	
03	SHAFT END E.B. WAS 021255-19 PER ECO 04-1702	LST 9/17/04	.XX	±.03		TITLE OUTLINE - 56C FRAME TENV - RIGID "C"			SCALE 3=8	
02	REVISED OUTLINE TO CURRENT STNDS.	RDW 2/11/03	SW	.XXX ±.005					REF 033694	
01	L.E. ENDBELL WAS 021209.27	KMM 8/19/02		.XXXX ±.0005		MAT'L. WASHGUARD			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 12/12/01		CAD FILE 034907		SIZE A	DRAWING NO. 034907		REV. 03
			DIST							



LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 113590.00Curve at 460
60
1Volts
HZ
HPHP 1.00PHASE 3VOLTS 230/460Catalog No 113590.00HZ 60RPM 3450

Torque in Lb.Ft

FL TORQUE 1.51 Lb.Ft
 BD TORQUE 6.0 Lb.Ft
 LR TORQUE 4.5 Lb.Ft

FL AMPS 2.8-2.6/1.3
 PU TORQUE 4.3 Lb.Ft
 LR AMPS 12

WINDING T632166-3

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
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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 : 113590.00

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

Catalog No : 113590.00

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