

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



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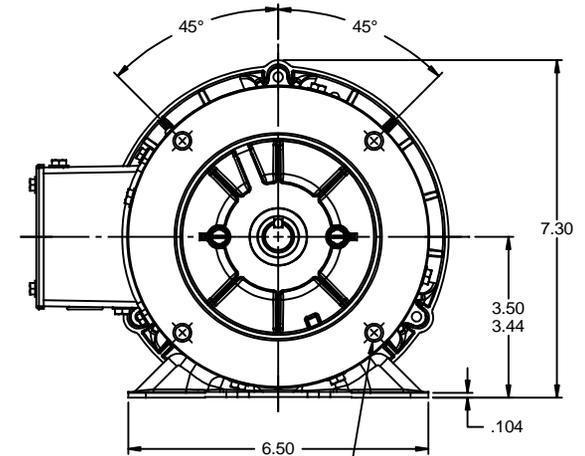
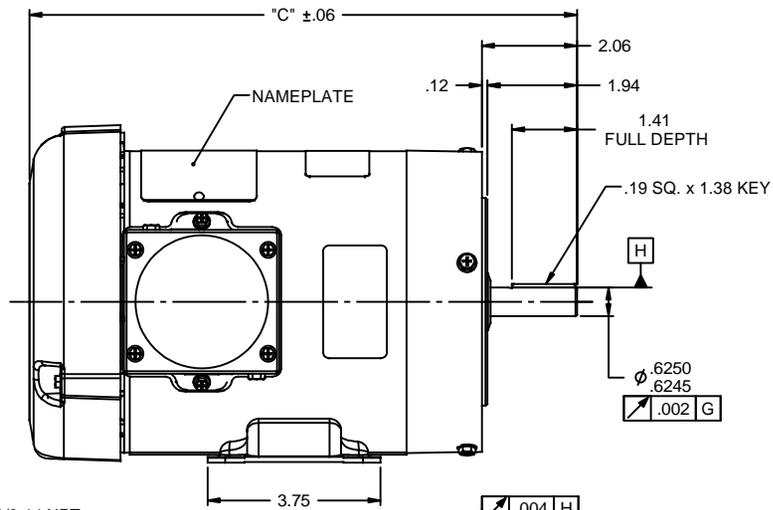
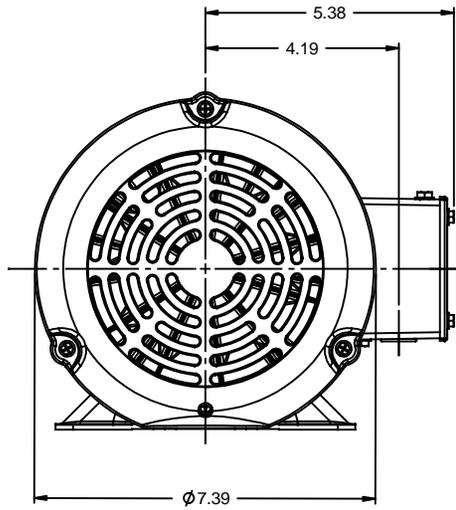


Nameplate Specifications

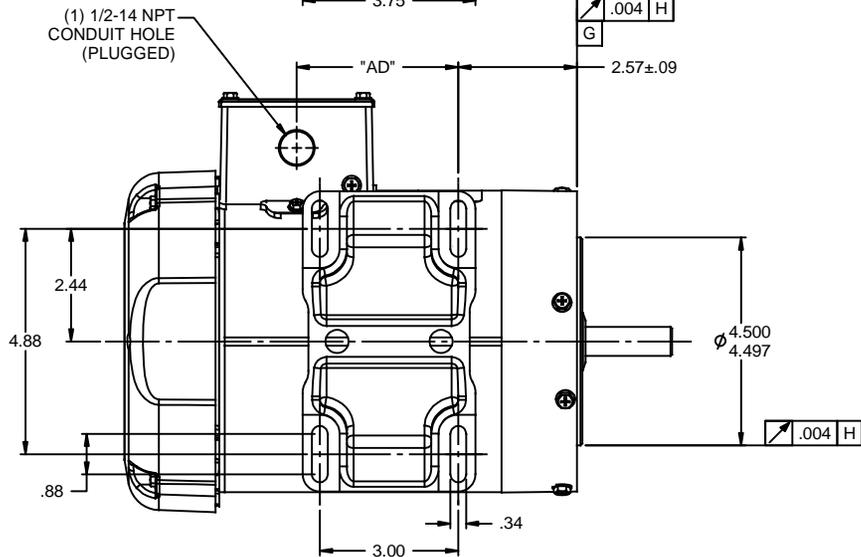
Phase	3	Output HP	0.50 Hp
Output KW	0.37 kW	Voltage	230/460 V
Speed	1725 rpm	Service Factor	1.15
Frame	56C	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	74 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	2.0/1.0 A	Power Factor	63
Duty	Continuous	Insulation Class	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



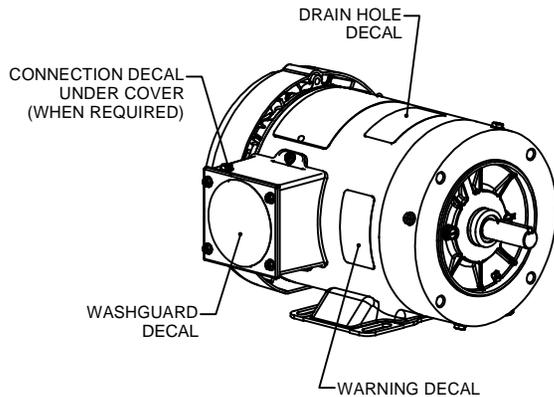
3/8-16 UNC-2B x .56 DEEP
(4) REQ'D. ON A Ø5.875 B.C.



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



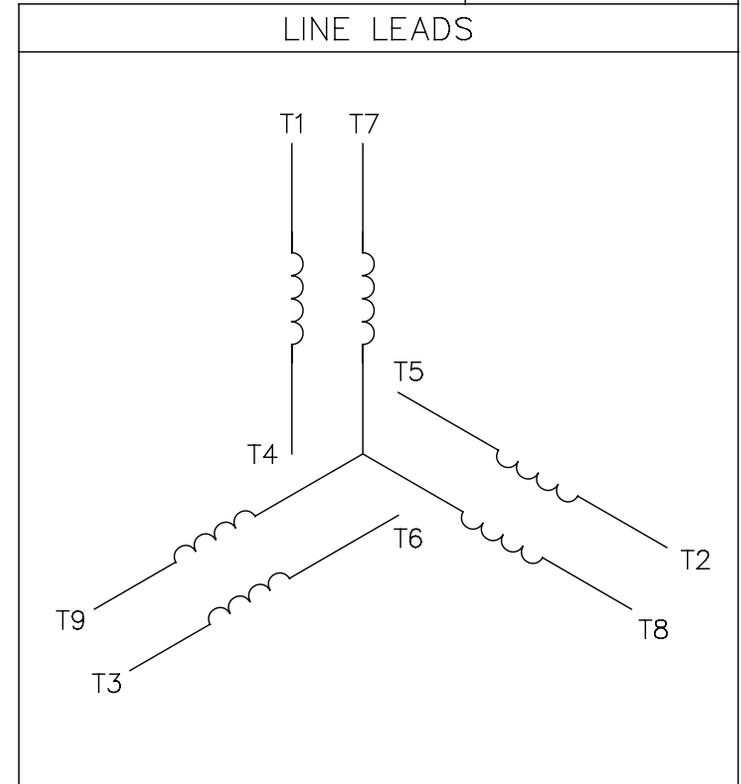
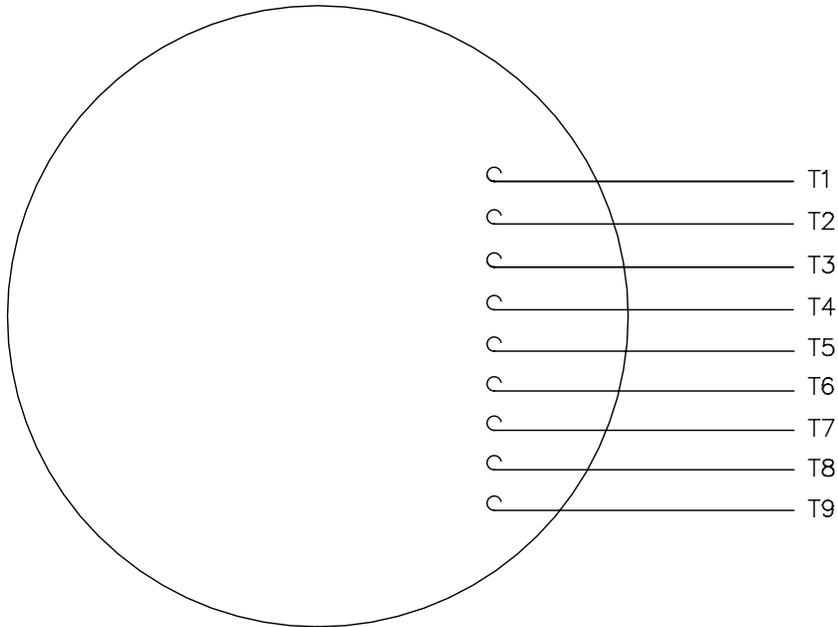
TOLERANCES UNLESS SPECIFIED		TITLE	FINISH	DRAWN	PG 02/01/11
DEC	INCHES				
x	±.1	OUTLINE - 56C FRAME TEFC - RIGID "C" FACE MATL WASHGUARD	PREV	APPR	SCALE 3:8
.xx	±.03			REF	028785
.xxx	±.005			FMF	112429.00
.xxxX	±.0005			PAGE	OF
NO	REVISION	BY & DATE	CHK ANG ±1/2"	FINISH	PAGE OF
THIRD ANGLE PROJECTION			RFP	PREV	SIZE
			NETWORK FILE NAME	607-0002	DRAWING NO
					607-0002
					REV



ELECTRIC MOTORS
GEARMOTORS
AND DRIVES

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	TITLE EXTERNAL WIRING DIAGRAM 3 PHASE W/O PROTECTOR		SCALE 1=1	
		.XXX	±.005			REF FIG.2-51	
A	UPDATED TO REGAL LOGO	SAJ	06/26/15	AJY	.XXXX	±.0005	MAT'L DECAL - 004014
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
				DIST	BRF-NLV	SIZE	DRAWING NO.
						A	005010-01
							REV. A



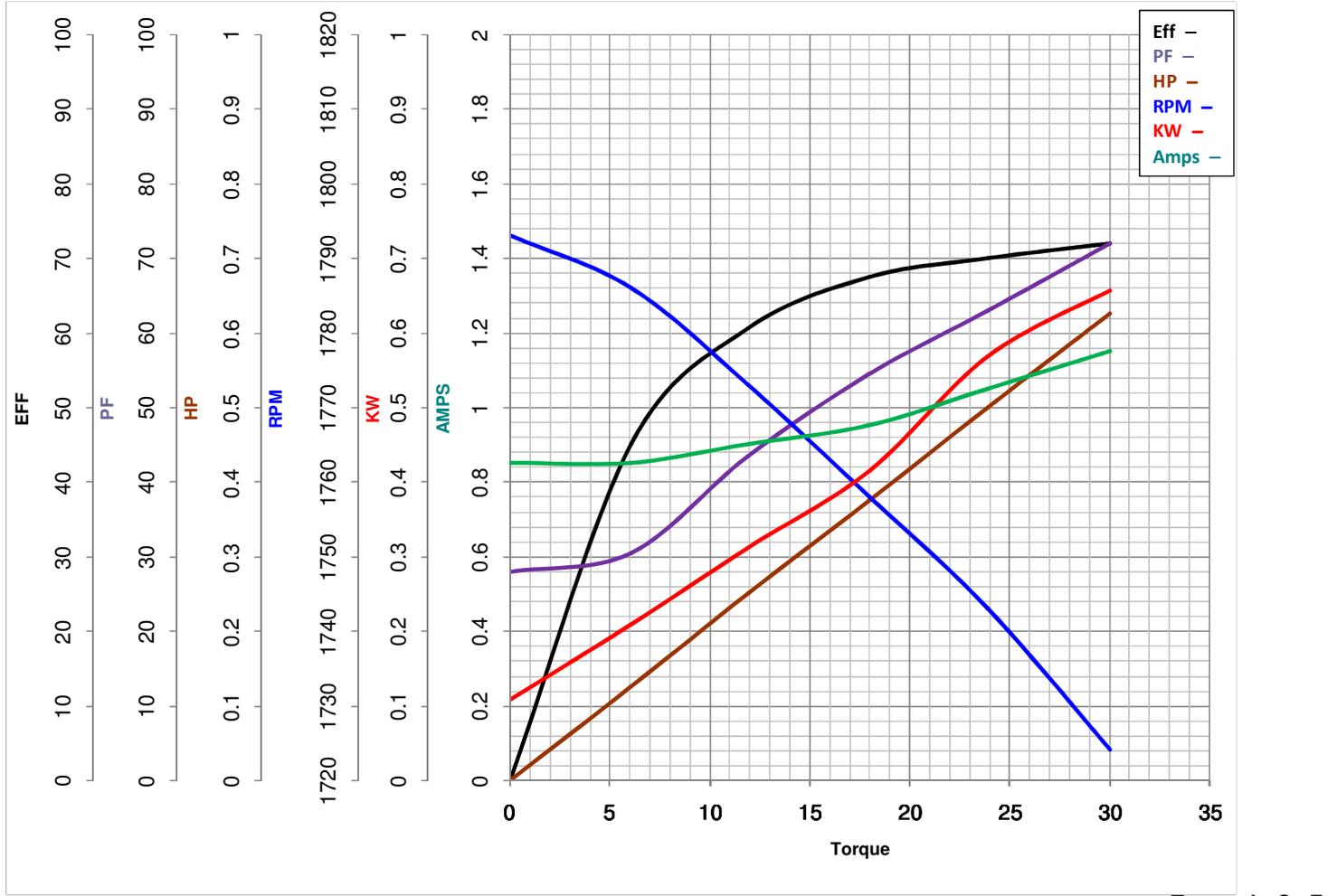
LEESON ELECTRIC CORPORATION
 TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 112429.00

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Curve at 460 Volts HP 0.50 PHASE 3
60 HZ
0.5 HP VOLTS 208-230/460

HZ 60 RPM 1725



FL TORQUE	<u>23.9</u>	Oz.Ft	FL AMPS	<u>1.9-2/1</u>	
BD TORQUE	<u>86.5</u>	Oz.Ft	PU TORQUE	<u>59.0</u>	Oz.Ft
LR TORQUE	<u>60</u>	Oz.Ft	LR AMPS	<u>5.1</u>	
WINDING	T634199-3		Date	5/21/2018	

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 : 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:



Michael A. Logsdon
Vice President, Technology

Authorized Representative in the Community:



Julian Clark
Marketing Engineer

Created on 09/01/2022

CE 22