

PRODUCT INFORMATION PACKET



Model No: 119976.00

Catalog No: 119976.00

Extreme Duck® Ultra General Purpose Motor, 1 & 0.75 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V,
1800 & 1500 RPM, 56C Frame, TENV

Operational at 208-230/460 V @60HZ



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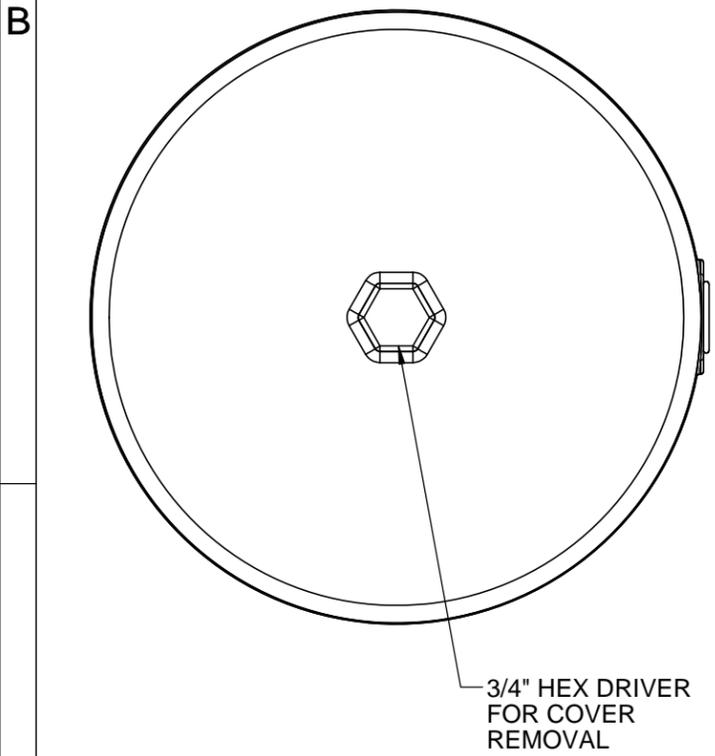


Nameplate Specifications

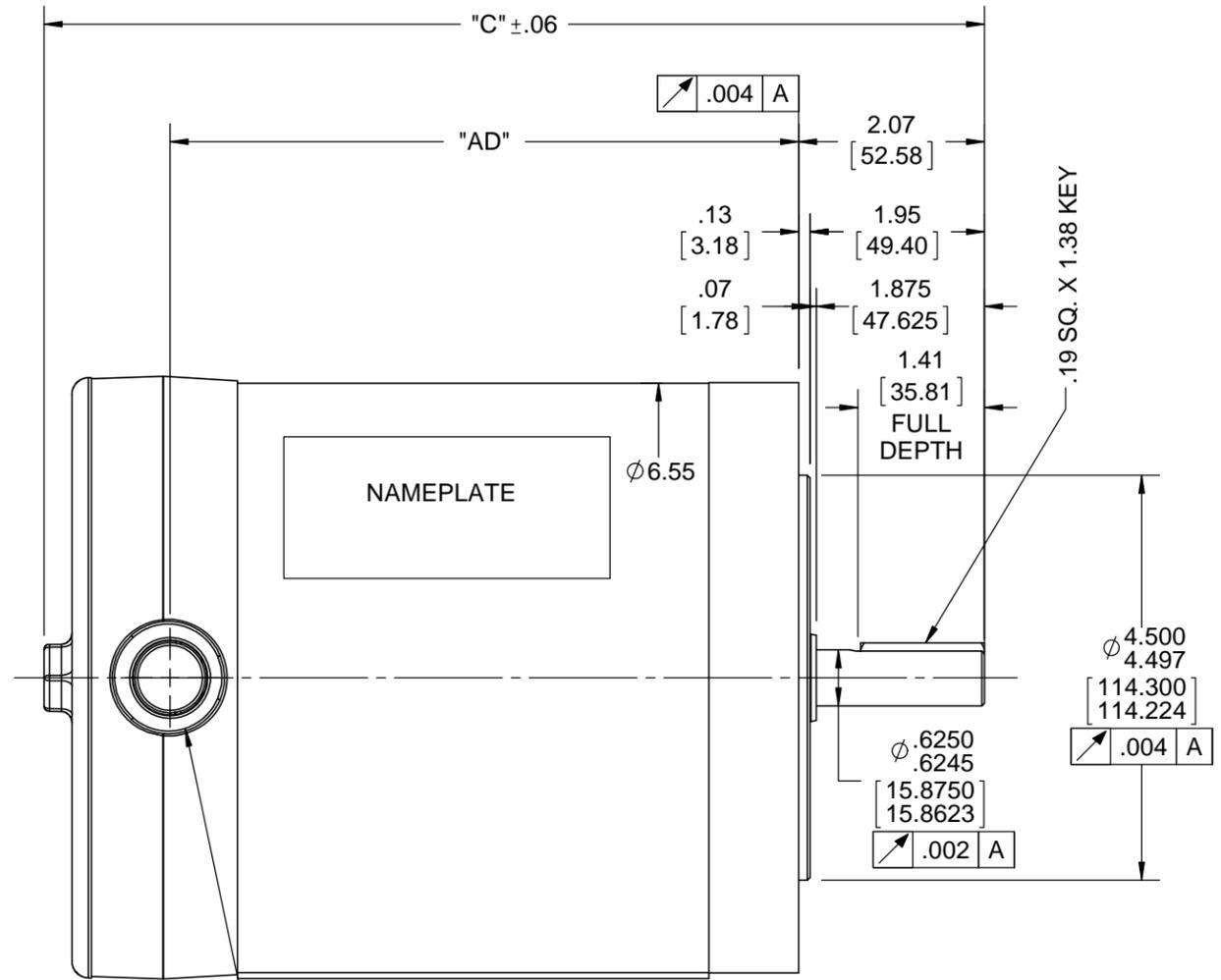
Phase	3	Output HP	1 & 0.75 Hp
Output KW	0.75 & 0.56 kW	Voltage	230/460 & 190/380 V
Speed	1750 & 1450 rpm	Service Factor	1.15 & 1.15
Frame	56C	Enclosure	Totally Enclosed Non Ventilated
Thermal Protection	No Protection	Efficiency	85.5 & 84 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	2.8/1.4 & 2.6/1.3 A	Power Factor	77.7
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	N
Drive End Bearing Size	6205	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	Y	IP Code	69
Number of Speeds	1		

Technical Specifications

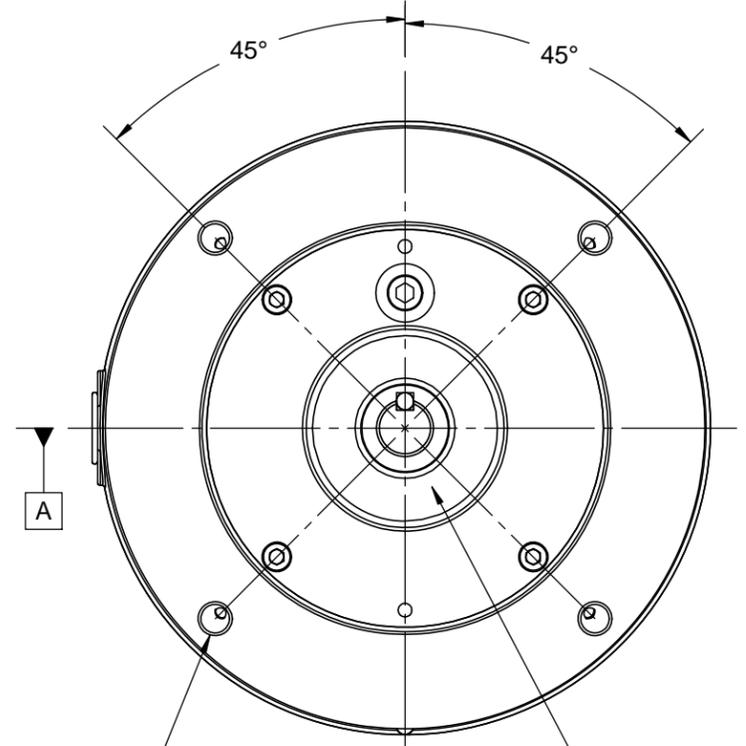
Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	0 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Stainless Steel
Shaft Type	NEMA 56	Overall Length	13.22 in
Frame Length	8.00 in	Shaft Diameter	0.625 in
Shaft Extension	1.88 in	Assembly/Box Mounting	F1 ONLY
Inverter Load	CONSTANT 1000:1		
Outline Drawing	028768-800	Connection Drawing	005010.52



3/4" HEX DRIVER FOR COVER REMOVAL



1/2-14 NPT CONDUIT HOLE



SHAFT SEAL

DASH NO.	"C"	"AD"
525	10.47	7.00
550	10.72	7.25
575	10.97	7.50
600	11.22	7.75
625	11.47	8.00
650	11.72	8.25
675	11.97	8.50
700	12.22	8.75
800	13.22	9.75

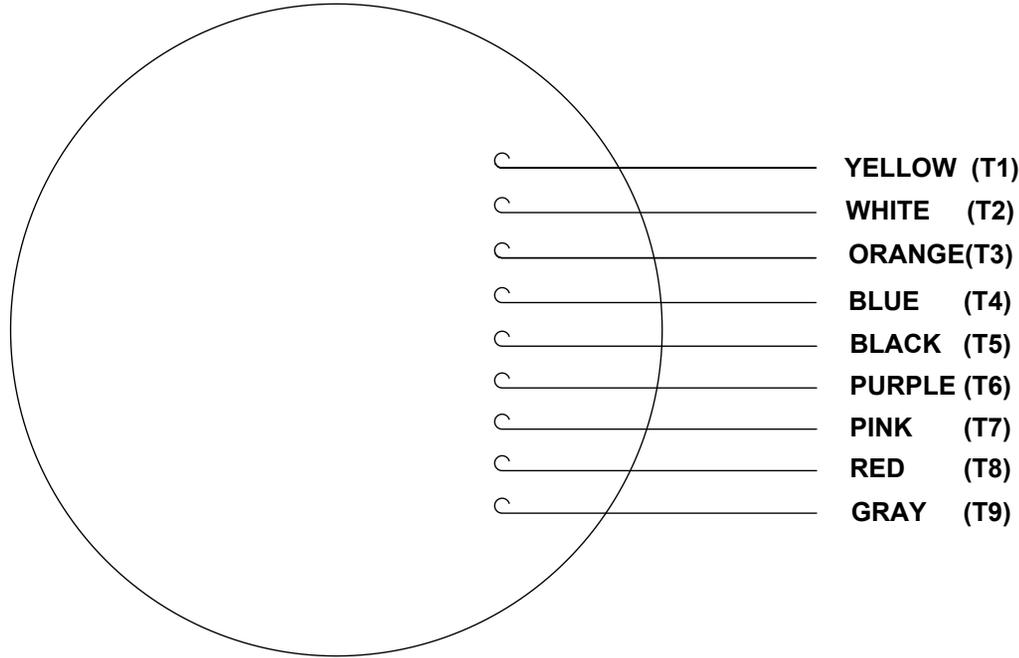
DRAWING REVISION C	REVISION BY AS	DATE 06/01/2017
ECO ECO-0119080	APPROVED BY JD	DATE 06/01/2017
ECO DESCRIPTION ADDED ITEM #800		
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TOLERANCES UNLESS OTHERWISE SPECIFIED:			
DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±7° 30"
.XX	±0.03	[±0.76]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	
REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [0.076/.381] X 45° CORNER FILLETS: R.02 [.51] MACHINED SURFACES: 200 INCH/mm 5.1 mm SHOWN IN [BRACKETS]			

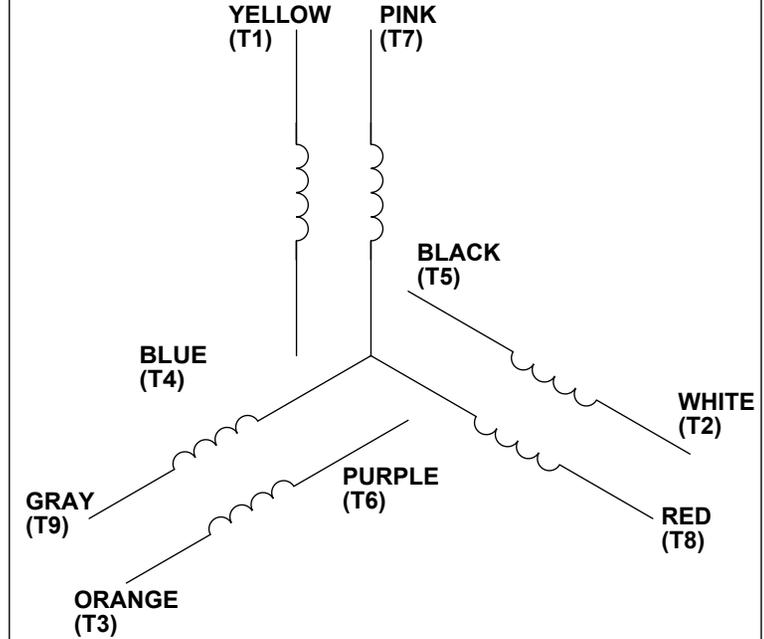
DRAWN BY LST 9/4/09
DATE
APPROVED BY
DATE
REFERENCE
THIRD ANGLE PROJECTION

REGAL ™ Regal Beloit America, Inc.	
DESCRIPTION OUTLINE TENV "C" FACE	PROCESS/FINISH
MATERIAL	SIZE B
DRAWING NUMBER 028768	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

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DRAWING REVISION C	REVISION BY PVR	DATE 04/23/14	TOLERANCES UNLESS OTHERWISE SPECIFIED:		DRAWN BY LST	Regal Beloit America, Inc.
ECO ECO-0049985	APPROVED BY JD	DATE 04/23/14	DEC. ± 0.1 [±2.5]	INCH ± 0.01 [±0.25]	DATE 4/3/14	
ECO DESCRIPTION UPDATED PER ECO-0049985			ANGLE $\pm 0.5^\circ$	XXX ± 0.005 [±0.127]	APPROVED BY	DESCRIPTION LEAD ASSY EXT. WIRING DIA. 3 PH. W/O PROT.
<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>			REMOVE BURRS & BREAK SHARP	EDGES: .003/.015 [.076/.381]	DATE	MATERIAL
			CORNER FILLETS: .02 [.51]	MACHINED SURFACES: $\frac{125}{\text{INCH}} \sqrt{\frac{3.2}{\text{mm}}}$	PROCESS/FINISH	THIRD ANGLE PROJECTION



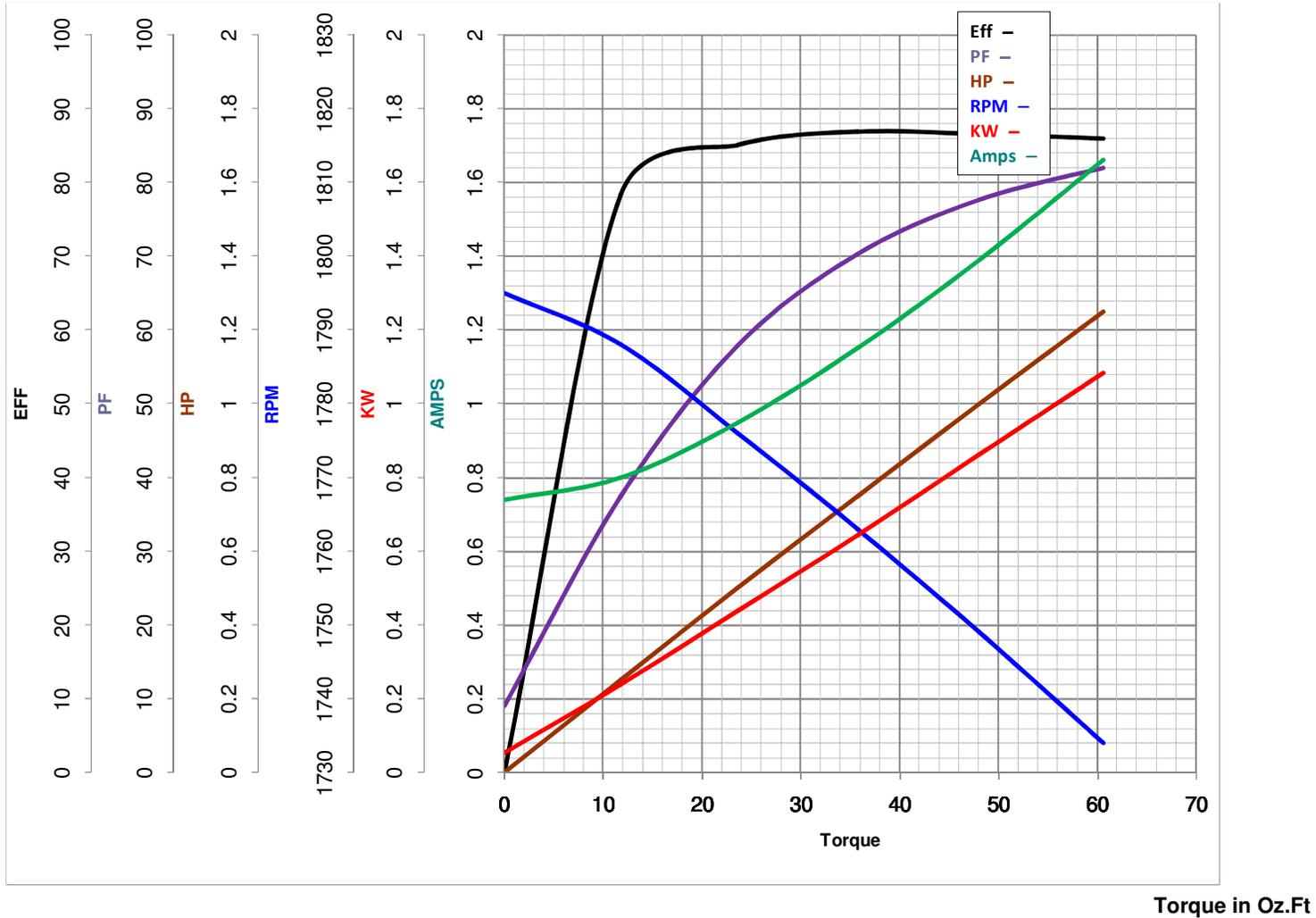
LEESON ELECTRIC CORPORATION
 TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 119976.00

Catalog No 119976.00

Curve at 460 Volts HP 1&0.75 PHASE 3
60 HZ
1 HP VOLTS 230/460&190/380

HZ 60&50 RPM 1750&1450



FL TORQUE 48.04 Oz.Ft
 BD TORQUE 206.0 Oz.Ft
 LR TORQUE 166 Oz.Ft

FL AMPS 2.8/1.4
 PU TORQUE 182.0 Oz.Ft
 LR AMPS 12.43

WINDING T634471-3

Date 5/23/2018

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 : 119976.00

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

Catalog No : 119976.00

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