PRODUCT INFORMATION PACKET

Model No: 117275.00
Catalog No: 117275.00
Premium Duck™ General Purpose Motor, 0.50 & 0.33 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1200 & 1000 RPM, 56HC Frame, TENV

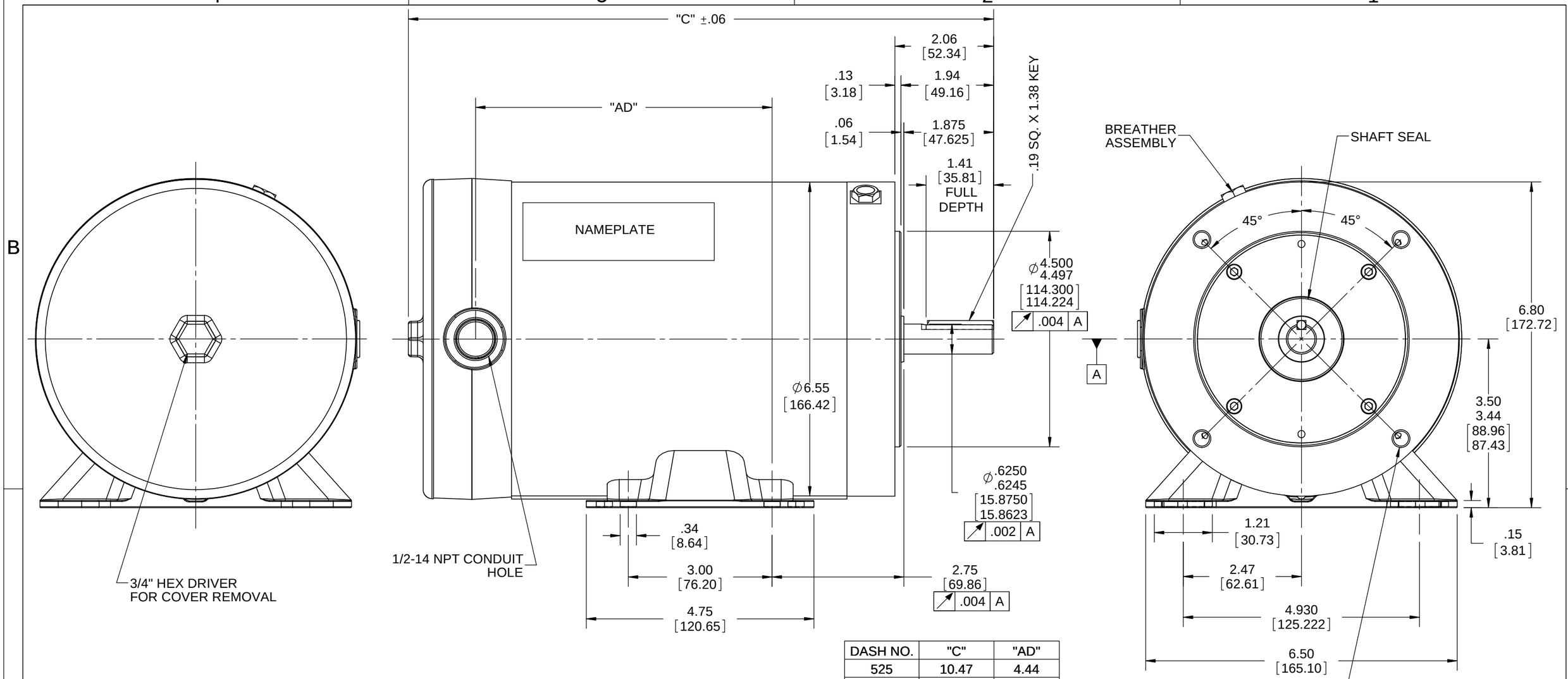
Operational at 208-230/460 V @60HZ

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	1140 & 940 rpm	Service Factor	1.15 & 1.15
Frame	56HC	Enclosure	Totally Enclosed Non Ventilated
Thermal Protection	No Protection	Efficiency	77 & 74 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	2.3/1.15 & 1.8/.9 A	Power Factor	54
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	K
Drive End Bearing Size	6205	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	Y	IP Code	56
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	6	Rotation	Reversible
Resistance Main	29.36 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Stainless Steel
Shaft Type	NEMA 56	Overall Length	11.47 in
Frame Length	6.25 in	Shaft Diameter	0.625 in
Shaft Extension	1.88 in	Assembly/Box Mounting	F1 ONLY
Inverter Load	CONSTANT 6:1		
Outline Drawing	028903-625	Connection Drawing	005010.01



DASH NO.	"C"	"AD"
525	10.47	4.44
550	10.72	4.69
575	10.97	4.94
600	11.22	5.19
625	11.47	5.44
650	11.72	5.69
675	11.97	5.94
700	12.22	6.19
800	13.22	7.19

DRAWING REVISION	REVISION BY	DATE
E	T.WOLLER	6/19/2017
ECO	APPROVED BY	DATE
ECO-0124234	P.GASSER	6/19/2017
ECO DESCRIPTION		
ADDED DASH 700		

ORACLE REV: 0

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 INCH / 3.2 mm
mm SHOWN IN [BRACKETS]

DRAWN BY	LST 11/19/08
DATE	
APPROVED BY	
DATE	
REFERENCE	
THIRD ANGLE PROJECTION	

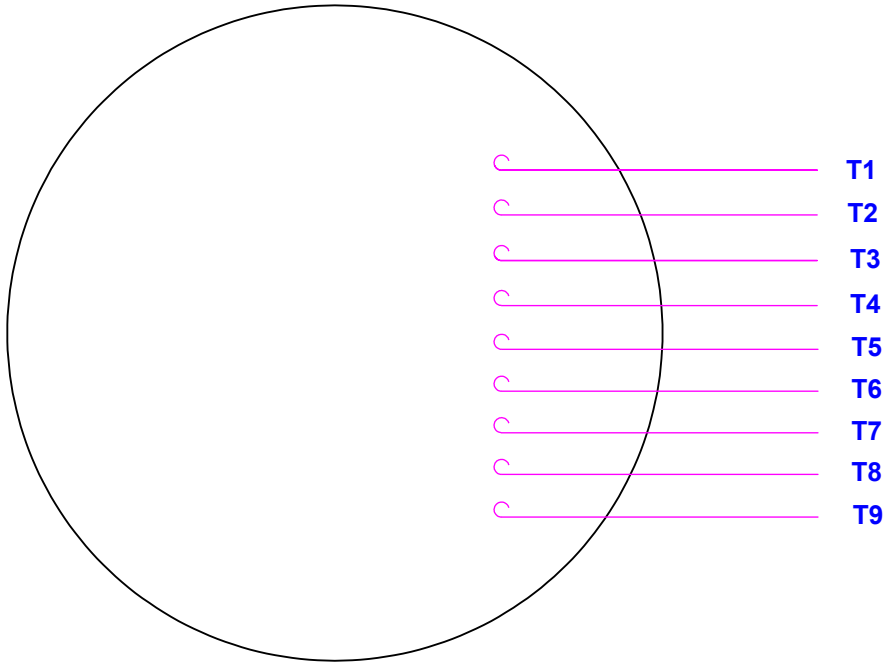
REGAL™ Regal Beloit America, Inc.

DESCRIPTION: OUTLINE
56C FRAME TENV RIGID "C"

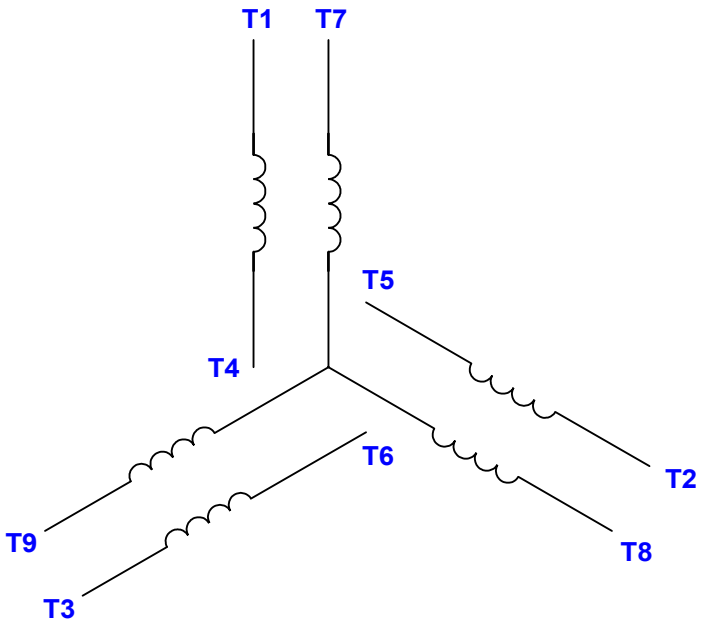
MATERIAL | PROCESS/FINISH

SIZE	DRAWING NUMBER	SHEET
B	028903	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

NO	REVISION	BY & DATE	CHK
12	CHG FROM LEESON TO RRX TEMPLATE AS PER ECR-0237142	KVDG 09/19/24	DS
--	REDRAWN IN SOLIDWORKS	VJB 02/08/11	
11	ADD REV TO MATCH ORACLE	KJH 06/08/09	MDN

TOLERANCES UNLESS SPECIFIED
DEC INCHES
.X ±.1
.XX ±.01
.XXX ±.005
.XXXX ±.0005
ANG ±1/2°

THIRD ANGLE PROJECTION

Regal Rexnord — Regal Beloit America, Inc.

TITLE EXTERNAL WIRING DIAGRAM
3 PHASE W/O PROTECTOR
MAT'L DECAL - 004014
FINISH
RFP 04/12/02
PREV
NETWORK FILE NAME 00501001

DRAWN RDW 04/12/02
CHK
APPR
SCALE 1:1
REF FIG. 2-51
FMF
PAGE OF

SIZE A
DRAWING NO 005010-01
REV 12

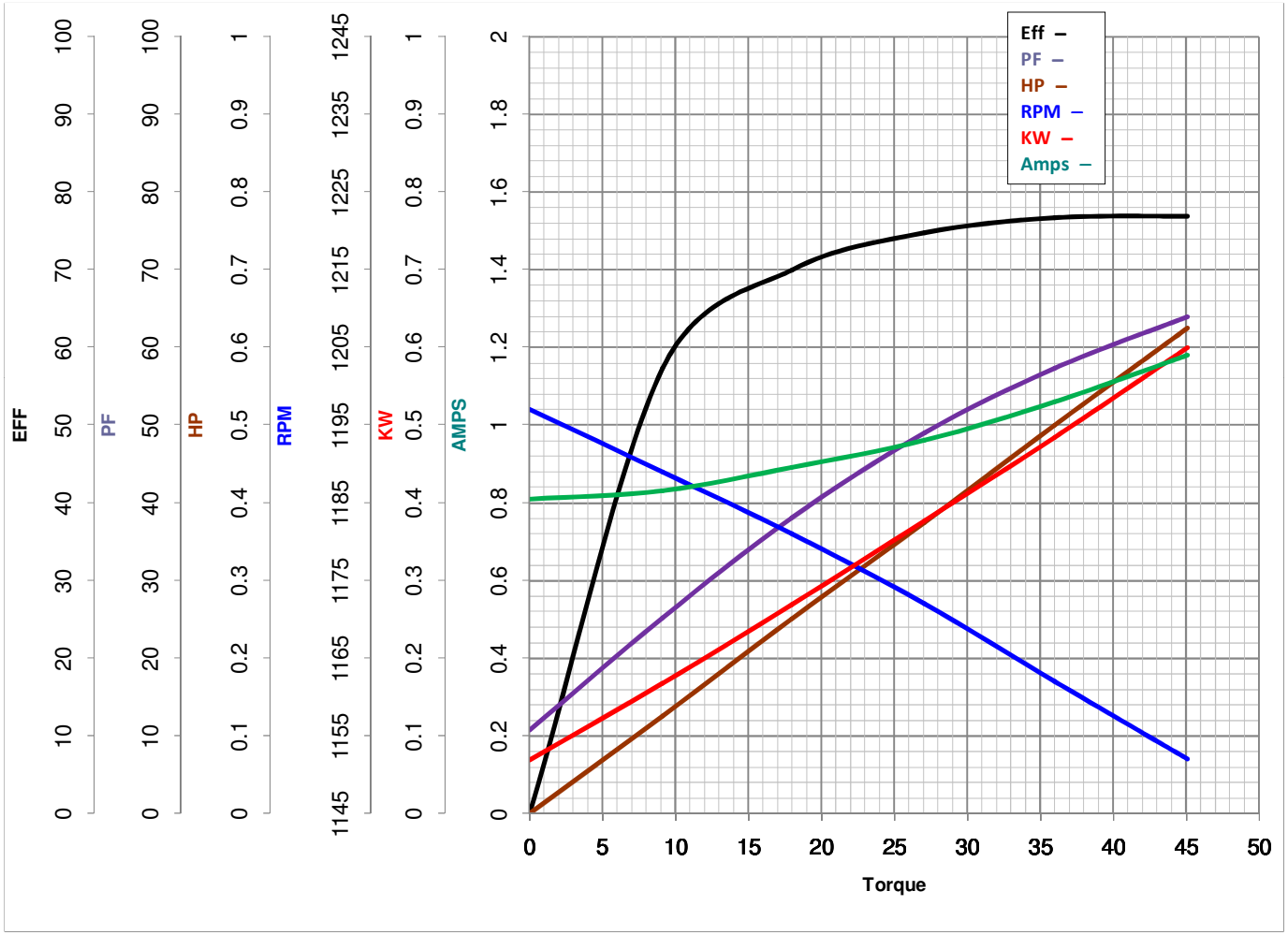
LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

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

Model No 117275.00

Catalog No 117275.00 **HZ** 60&50 **RPM** 1140&940



Torque in Oz.Ft

FL TORQUE	36	**Oz.Ft**	**FL AMPS**	2.35-2.3/1.15	
BD TORQUE	140.0	**Oz.Ft**	**PU TORQUE**	131.0	**Oz.Ft**
LR TORQUE	113	**Oz.Ft**	**LR AMPS**	5.8	
WINDING	T63653-3			**Date**	5/21/2018

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 : 117275.00

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

Catalog No : 117275.00

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