PRODUCT INFORMATION PACKET

Model No: 056C34D2099
Catalog No: O213
Fan and Blower Motor, 0.50 HP, 1 Ph, 60 Hz, 115/208-230 V, 3600 RPM, 56C Frame, DP

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Nameplate Specifications

Phase	1	Output HP	0.50 Hp
Output KW	0.37 kW	Voltage	115/208-230 V
Speed	3450 rpm	Service Factor	1.6
Frame	56C	Enclosure	Drip Proof
Thermal Protection	Manual	Efficiency	66.7 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	7.4/3.5-3.7 A	Power Factor	72.5
Duty	Continuous	Insulation Class	B
Design Code	NO DESIGN CODE	KVA Code	L
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		

Technical Specifications

Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Selective Counterclockwise
Resistance Main	0 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Overall Length	10.69 in
Frame Length	6.75 in	Shaft Diameter	0.625 in
Shaft Extension	2.06 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	A-SS75606-675	Connection Drawing	A-EE9002M

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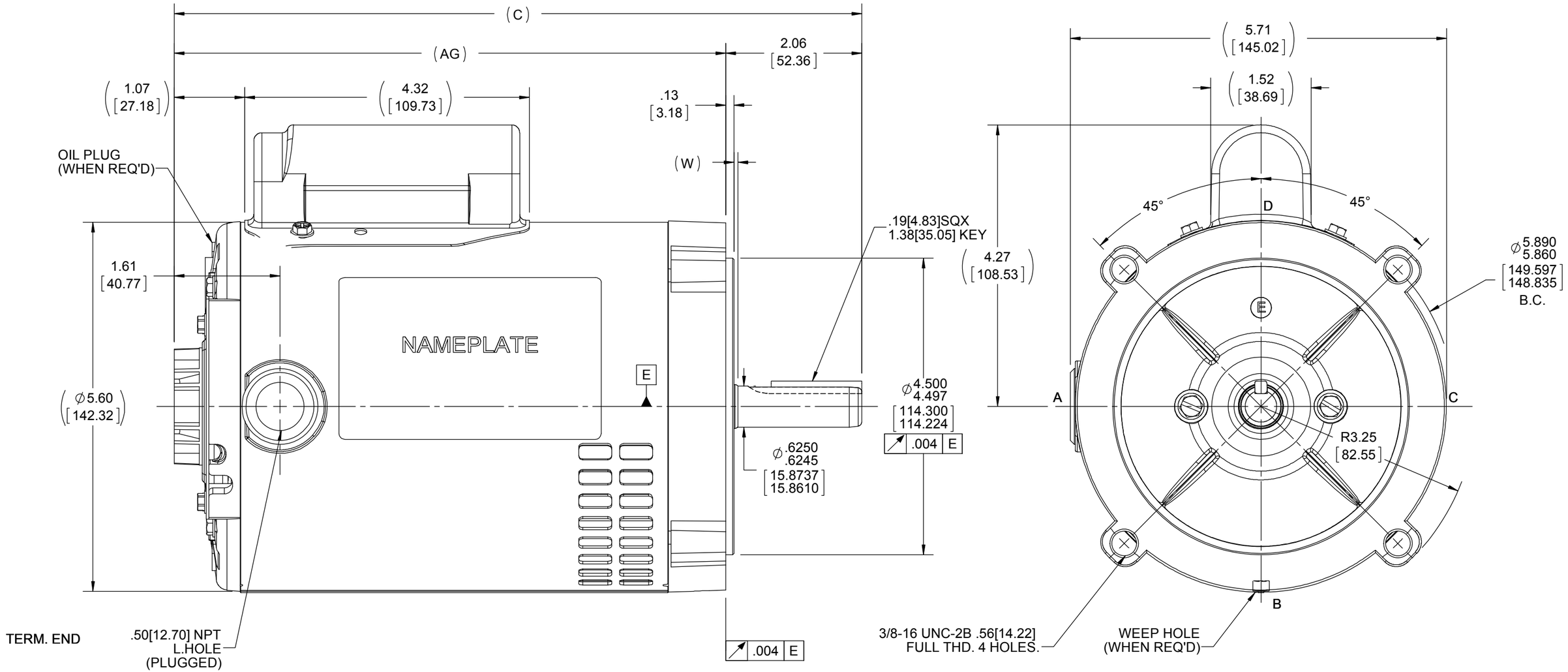

DASH	C	AG
625	10.19[258.82]	8.12[206.24]
650	10.44[265.17]	8.37[212.59]
675	10.69[271.52]	8.62[218.94]
700	10.94[277.87]	8.87[225.29]
725	11.19[284.22]	9.12[231.64]
775	11.69[296.92]	9.62[244.34]
800	11.94[303.27]	9.87[250.70]

NOTES :-

1). NAMEPLATE LOCATION AT "A" READ FROM TERM.END

2). 'W'=CLEARANCE ALLOWED FOR ALL VARIANCES IN MANUFACTURING & ASSEMBLY.

DRAWING REVISION	REVISION BY	DATE
J	M. CHATLAPALLI	1/8/2019
ECO	APPROVED BY	DATE
ECO-0161326	D.SURYAWANSHI	2/6/2019

ECO DESCRIPTION: OUTLINE CONVERSION PROJECT

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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 [.076/.381] X 45 °
CORNER FILLETS: R.02 [.51]
MACHINED SURFACES: 200 INCH / 5.1 mm
mm SHOWN IN [BRACKETS]

DRAWN BY	RM
DATE	10-09-1992
APPROVED BY	JAY
DATE	10-09-1992
REFERENCE	SS75606
THIRD ANGLE PROJECTION	

Regal Beloit America, Inc.

DESCRIPTION: OUTLINE

MATERIAL | PROCESS/FINISH

SIZE: B | DRAWING NUMBER: SS75606 | SHEET: 1 OF 1

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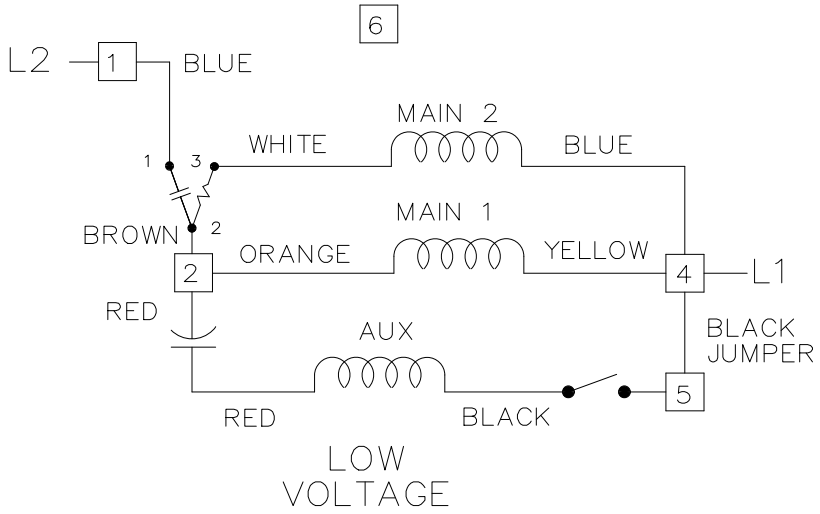
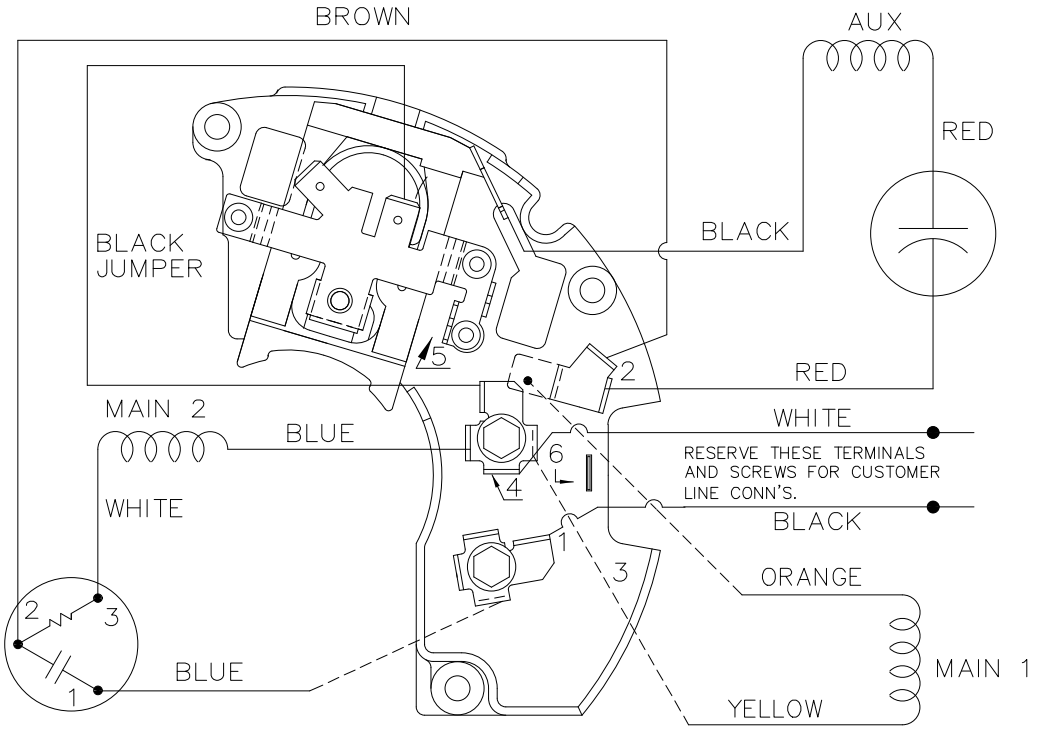


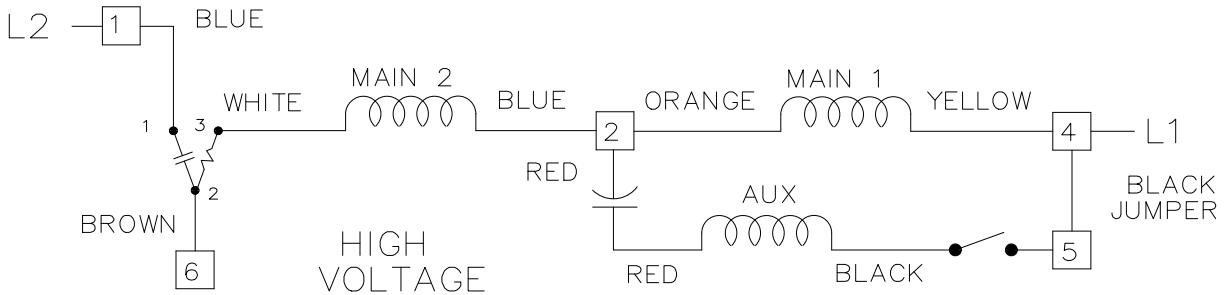
LOW VOLTAGE

DUAL VOLTAGE CAPACITOR START
REVERSIBLE ON TERM BOARD
WITH OVERLOAD PROTECTION



VIEWING TERM END

LOW VOLTAGE CCW ROTATION SHOWN.



FOR HIGH VOLTAGE
CONNECT BROWN TERM 2 TO TERM 6.
CONNECT BLUE TERM 4 TO TERM 2.

TO REVERSE ROTATION EITHER
VOLTAGE INTERCHANGE RED
LEAD WITH BLACK LEAD.

DRAWING REVISION 4	REVISION BY KVDG	REV DATE/ © DATE 05/06/2025
REQUEST NUMBER ECR-0242555	APPROVED BY DS	DATE 05/06/2025
REQUEST NUMBER DESCRIPTION: UPDATED THE DRAWING TO RRX TEMPLATE.		

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TOLERANCES (EXCEPT AS NOTED):

DEC.	INCH	mm	ANGLE
.X	±0.1	[±3]	±0.5°
.XX	±0.01	[±0.3]	
.XXX	±0.005	[±0.13]	
.XXXX	±0.0005	[±0.013]	

REMOVE BURRS & BREAK SHARP
EDGES: .003/.015 [.08/.38] X 45
CORNER FILLETS: R.02 [.5]
MACHINED SURFACES: 125 INCH / 3.2 mm
mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY

DRAWN BY	BW
DATE	02-22-1990
APPROVED BY	GK
DATE	02-22-1990
REFERENCE	
THIRD ANGLE PROJECTION	

Regal Rexnord — Regal Beloit America, Inc.

DESCRIPTION: CONNECTION DIAGRAM
48 FR. - DUAL VOLTAGE REVERSIBLE

MAT'L | PROCESS/FINISH

SIZE	DRAWING NUMBER	SHEET
B	EE9002M	1 OF 1

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CERTIFICATION DATA SHEET

Model#:	56C34D2099 F	**WINDING#:**	CE482183 NONE 3
CONN. DIAGRAM:	A-EE9002M	**ASSEMBLY:**	F1 ONLY
OUTLINE:	A-SS75606-675		

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1/2	.37	3600	3450	56C	DP	L	NO DESIGN CODE

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
1	60	115/208-230	7.4/3.5-3.7	ACROSS THE LINE	CONTINUOUS	B3	1.6	40	3300

FULL LOAD EFF: 66.7	3/4 LOAD EFF: 0	1/2 LOAD EFF: 0	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: -	3/4 LOAD PF: 0	1/2 LOAD PF: 0	0	CAP START IND RUN	5.3 / 2.7

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
12 LB-FT	38.2 / 19.1	22.9 LB-FT -	31.1 LB-FT -	-

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
0 dBA	10 dBA	0 LB-FT^2	0 LB-FT^2	15 SEC.	4	0 LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	STANDARD	ROUND	HORIZONTAL	FALSE	NONE	FALSE	NONE	GRAY (POWDER)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE						
BALL 6203	BALL 6203	POLYREX EM	T	NONE	NONE	1144 STRESSPROOF (C-223)	ROLLED STEEL

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE /n HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	MANUAL	NONE	NONE	NONE	FALSE	NONE VOLTS

If Inverter equals NONE, contact factory for further information

INVERTER TORQUE: NONE
INV. HP SPEED RANGE: NONE

ENCODER: NONE
NONE NONE
NONE NONE PPR

BRAKE: NONE NONE
NONE P/N NONE
NONE NONE
NONE FT-LB NONE V NONE Hz

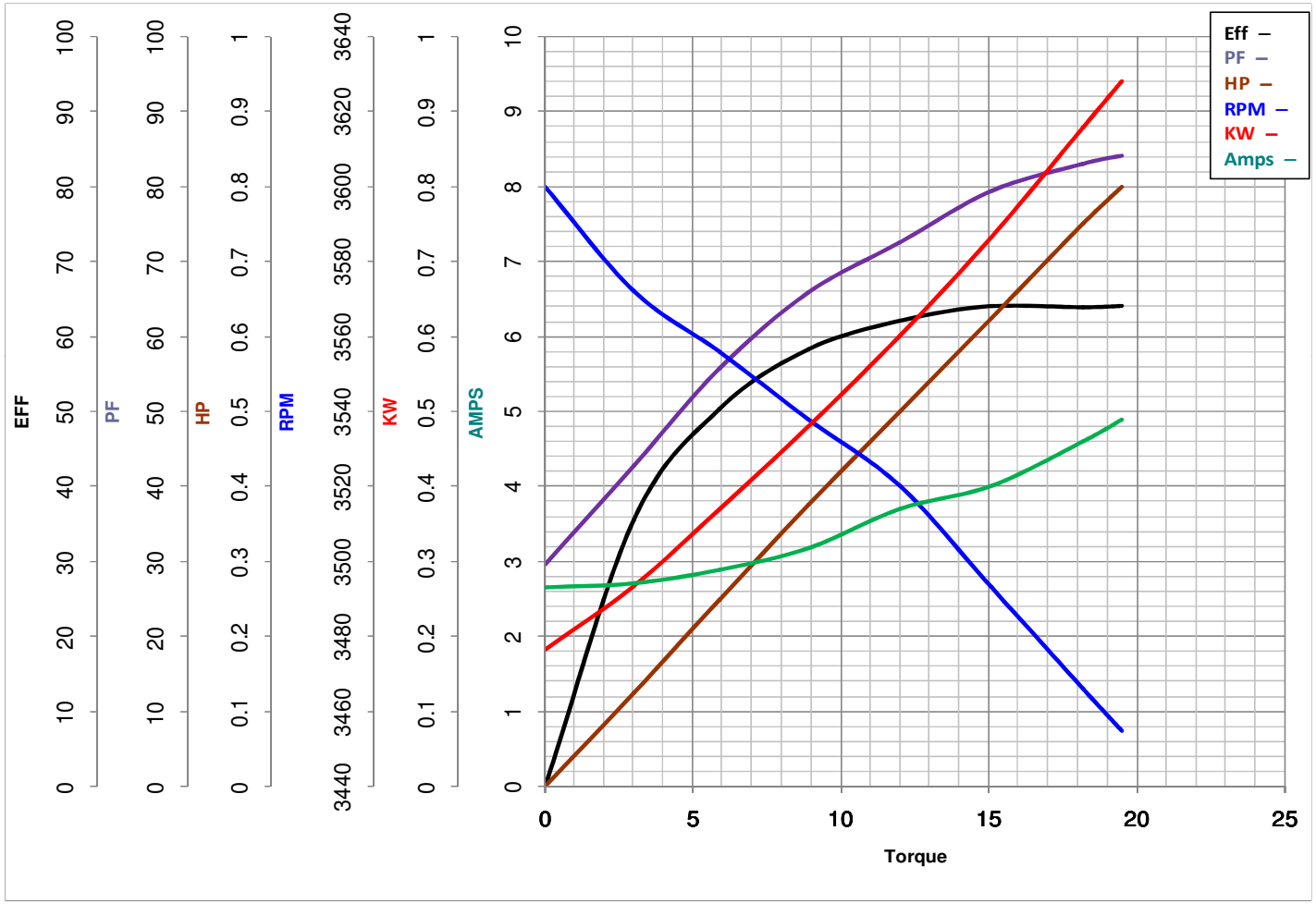
* NOTES *

DATE: 06/27/2017 07:39:18 AM
FORM 3531 REV.3 02/07/99
** Subject to change without notice.

REGAL REXNORD CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer		**Curve at**	230	**Volts**	**HP** 0.50	**PHASE**	1
			60	**HZ**			
Model No	56C34D2099		0.5	**HP**	**VOLTS** 115/208-230		
Catalog No	O213				**HZ** 60	**RPM**	3450



Torque in Oz.Ft

FL TORQUE	12	**Oz.Ft**	**FL AMPS**	7.4/3.5-3.7	
BD TORQUE	31.1	**Oz.Ft**	**PU TORQUE**	21.7	**Oz.Ft**
LR TORQUE	22.9	**Oz.Ft**	**LR AMPS**	19.1	
WINDING	CE482183-3			**Date**	**1/21/2019**

REV 1 - CHANGED LOGO FROM MARATHON TO LEESON - 3/25/2025

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 : 056C34D2099

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

Catalog No : O213

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