PRODUCT INFORMATION PACKET

Model No: 056B17DRR70039A1
Catalog No: C193B
General Purpose Motor, 2 HP, 1 Ph, 60 Hz, 115/208-230 V, 1800 RPM, 56HZ Frame, DP

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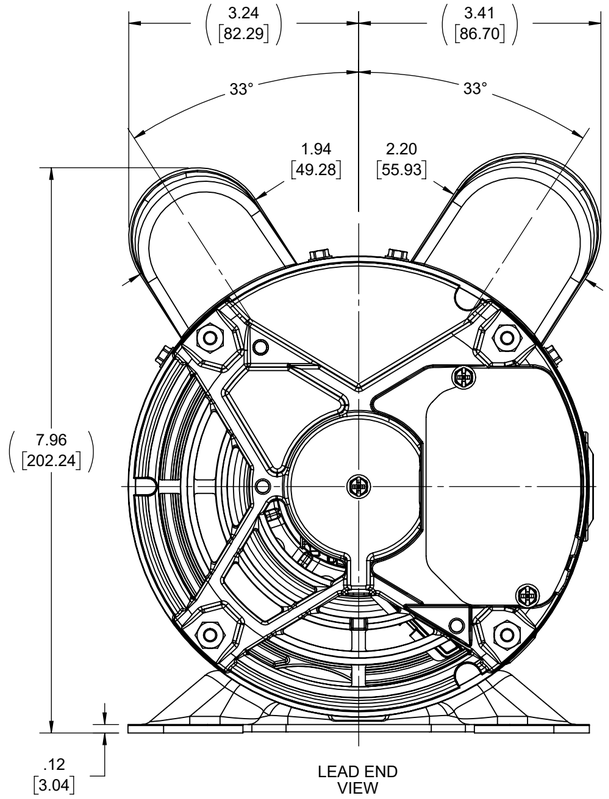
Nameplate Specifications

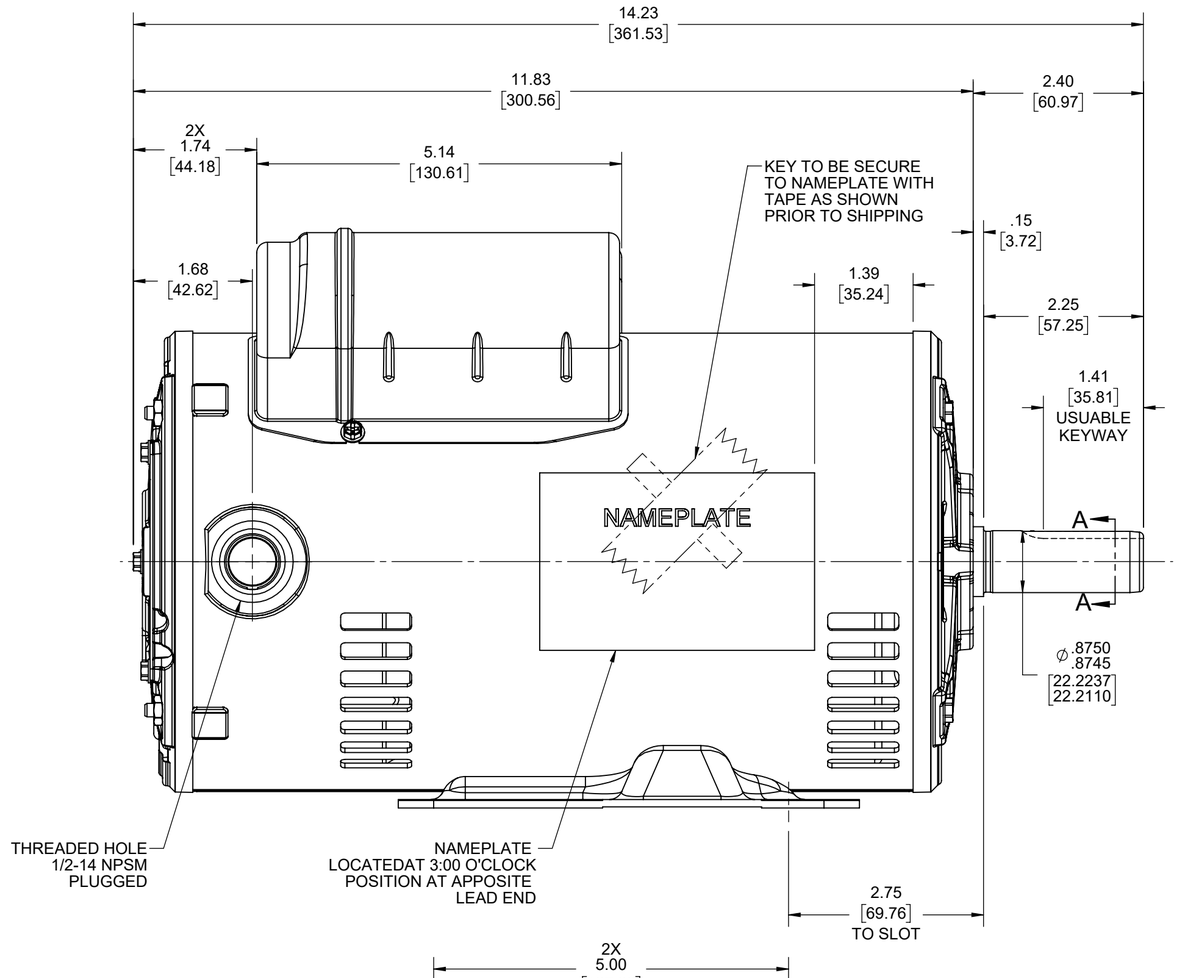
Phase	1	Output HP	2 Hp
Output KW	1.5 kW	Voltage	115/208-230 V
Speed	1725 rpm	Service Factor	1.15
Frame	56HZ	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	84.5 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	16.0/8.7-8.0 A	Power Factor	97.7
Duty	Continuous	Insulation Class	B
Design Code	L	KVA Code	J
Drive End Bearing Size	6205	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		

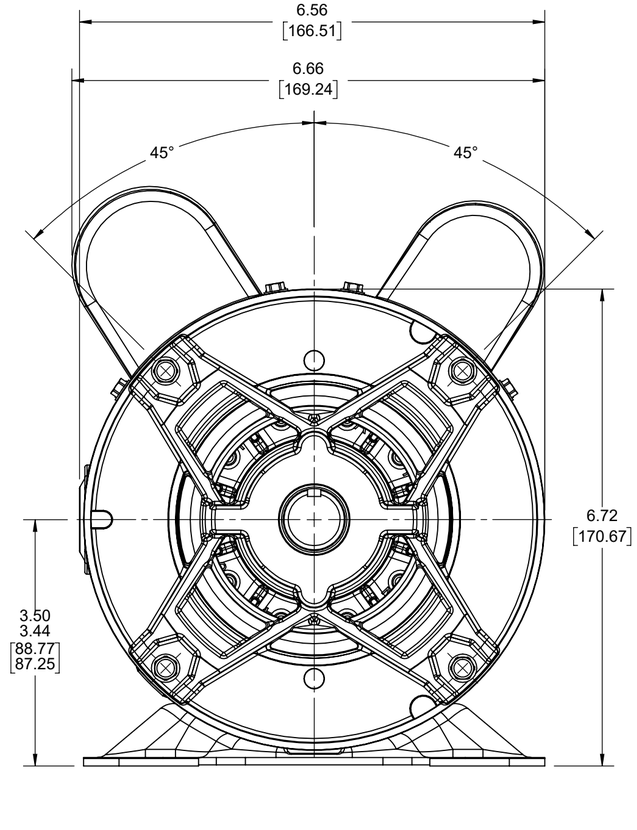
Technical Specifications

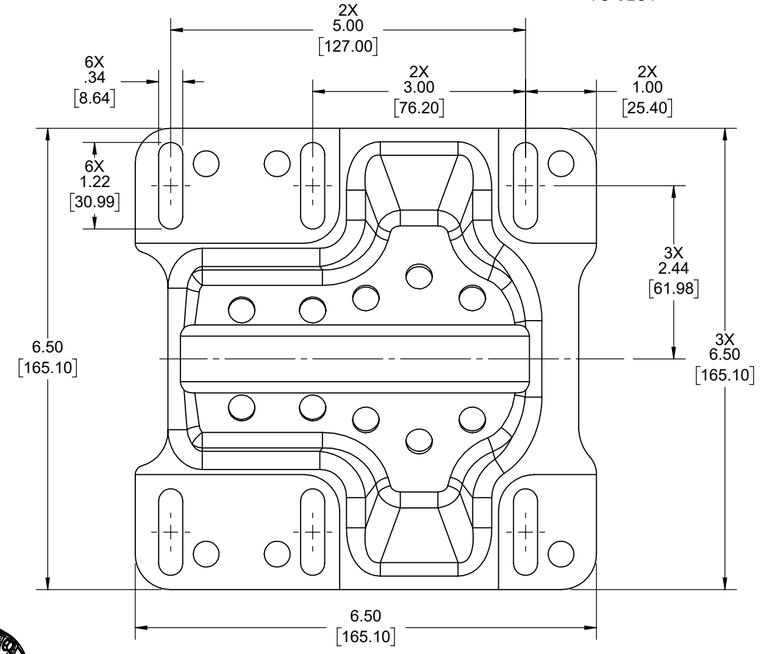
Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Resistance Main	2.54 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Assembly/Box Mounting	F1 ONLY
Outline Drawing	OL56100629-001	Connection Drawing	CDBD102

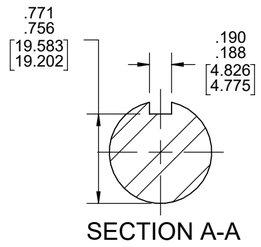
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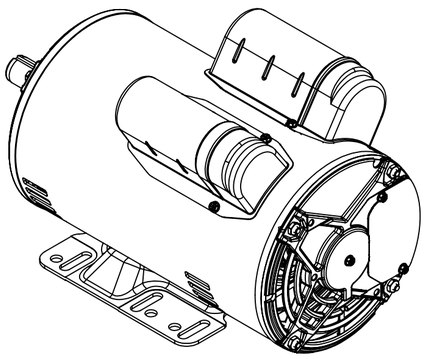


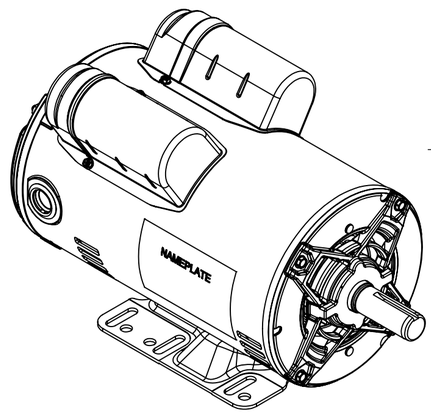












DRAWING REVISION B	REVISION BY	DATE
ECO ECR-0210004	APPROVED BY	DATE
ECO DESCRIPTION UPDATED PER ECR		

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TOLERANCES UNLESS OTHERWISE SPECIFIED:

DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±0.5°
.XX	±0.02	[±0.51]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	

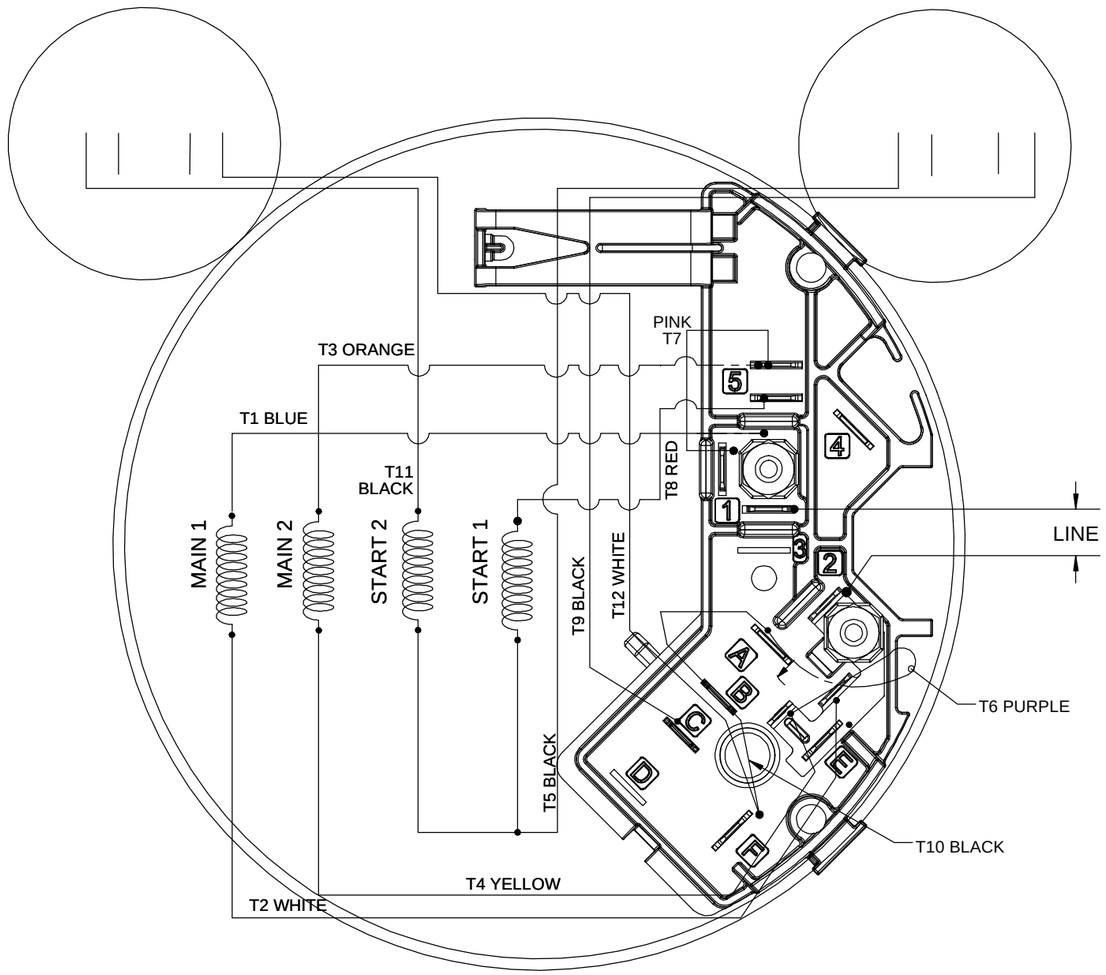
REMOVE BURRS & BREAK SHARP
EDGES: .003/.015 [.076/.381] X 45°
CORNER FILLETS: R.02 [.51]
MACHINED SURFACES: 125 INCH / 3.2 mm
mm SHOWN IN [BRACKETS]

DRAWN BY	SHESHI
DATE	02/21/2019
APPROVED BY	SN
DATE	02/21/2019
REFERENCE	OL56100562
THIRD ANGLE PROJECTION	

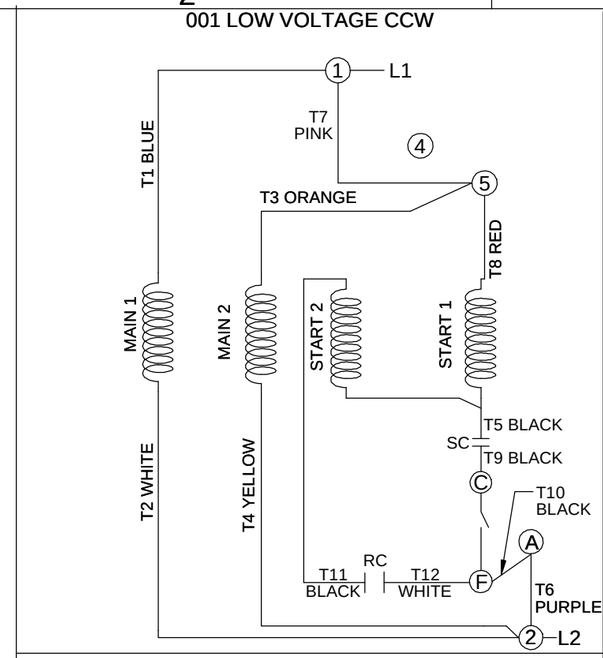
REGAL™ Regal Beloit America, Inc.

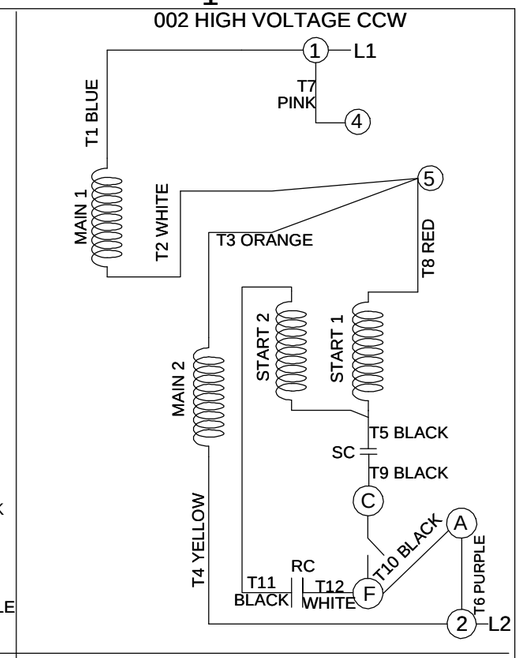
DESCRIPTION	OUTLINE 56FR,ODP,1-PHASE,RIGID	
MATERIAL		PROCESS/FINISH
SIZE C	DRAWING NUMBER OL56100629-001	SHEET 1 OF1

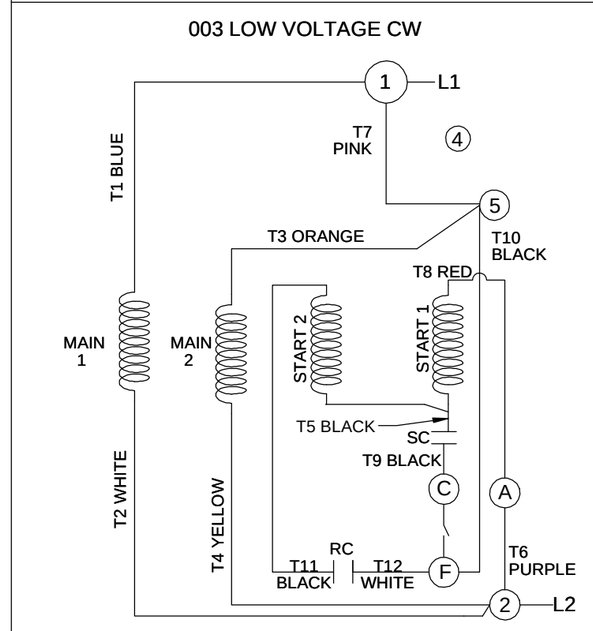
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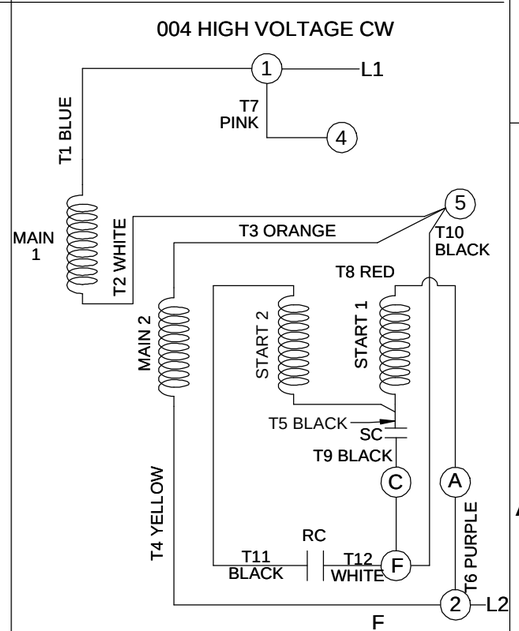


CCW/CW ROTATION-CAP START AND CAP RUN DUAL VOLTAGE NO PROTECTOR









NOTES:

1. FOR HI VOLTAGE REMOVE T7 FROM TERMINAL #5 AND PLACE ON TERMINAL #4, REMOVE T2 FROM TERMINAL #2 AND PLACE ON TERMINAL #5
2. TO REVERSE ROTATION, INTERCHANGE T8 & T10.
3. SWITCH REF. 10003283-001-001.
4. CONN. DIAGRAM NAMEPLATE DD10065-001, T No's, -002, Colors with T No's.

DRAWING REVISION: D	REVISION BY: SHESHI	DATE: 10/26/201807/23/2018
ECO: ECO-0155470	APPROVED BY: CD	DATE: 10/28/2018
ECO DESCRIPTION: 10003283-001-001 SWITCH WAS 10003285-001-001		

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DEC.	INCH	mm	ANGLE
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.XX	±0.01	[±0.25]	
XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	

REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.076/.381]
CORNER FILLETS: .02 [.51]
MACHINED SURFACES: 125 / 3.2 / INCH / mm
mm SHOWN IN [BRACKETS]

DRAWN BY: G. RODRIGUEZ	
DATE: 01-18-2017	
APPROVED BY: E. MARTINEZ	
DATE: 01-18-2017	
REFERENCE: CDCD102	
THIRD ANGLE PROJECTION	

Regal Beloit America, Inc.

DESCRIPTION: CONN DIAGRAM-EXTERNAL

MATERIAL | PROCESS/FINISH

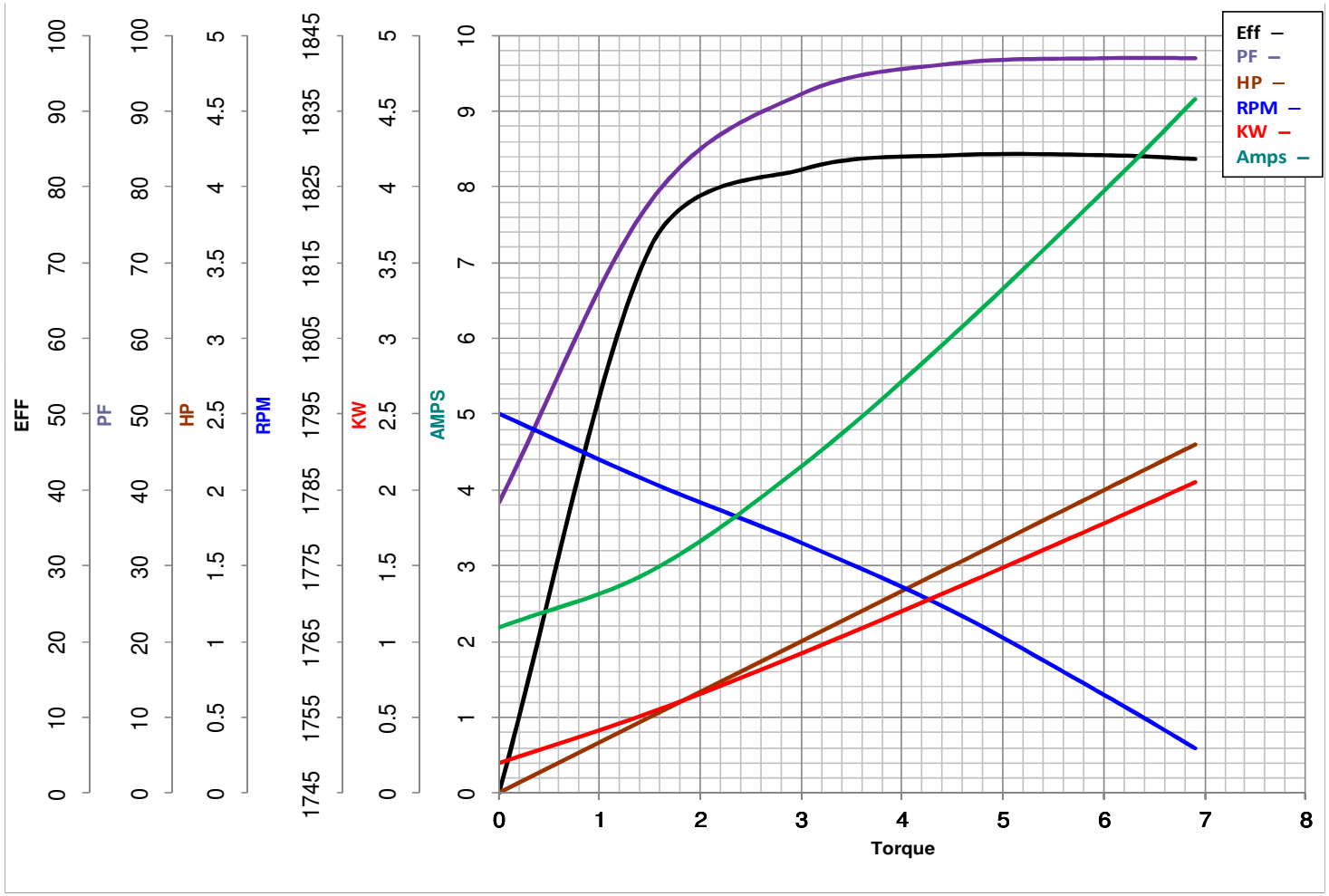
SIZE: B | DRAWING NUMBER: CDBD102 | SHEET: 1 OF 1

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REGAL REXNORD CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer	**Curve at**	230	**Volts**	**HP**	2.00	**PHASE**	1
		60	**HZ**				
Model No 56B17DRR70039A1		2	**HP**	**VOLTS**	115/208-230		
Catalog No C193A				**HZ**	60	**RPM**	1725



Torque in Lb.Ft

FL TORQUE	6	**Lb.Ft**	**FL AMPS**	16/8.7-8.0	
BD TORQUE	14.3	**Lb.Ft**	**PU TORQUE**	14.4	**Lb.Ft**
LR TORQUE	15.12	**Lb.Ft**	**LR AMPS**	63.2	
WINDING	NB56464-3	**Prepared By**	BHARGAVI	**Date**	2/19/2019

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 : 056B17DRR70039A1

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

Catalog No : C193B

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