PRODUCT INFORMATION PACKET

Model No: 056B17DRC70007A1
Catalog No: CG361B
General Purpose Motor, 0.75 HP, 1 Ph, 60 Hz, 115/208-230 V, 1800 RPM, 56C Frame, DP

Regal and LEESON are trademarks of Regal Rexnord Corporation or one of its affiliated companies.
©2025 Regal Rexnord Corporation, All Rights Reserved. MC017097E

Nameplate Specifications

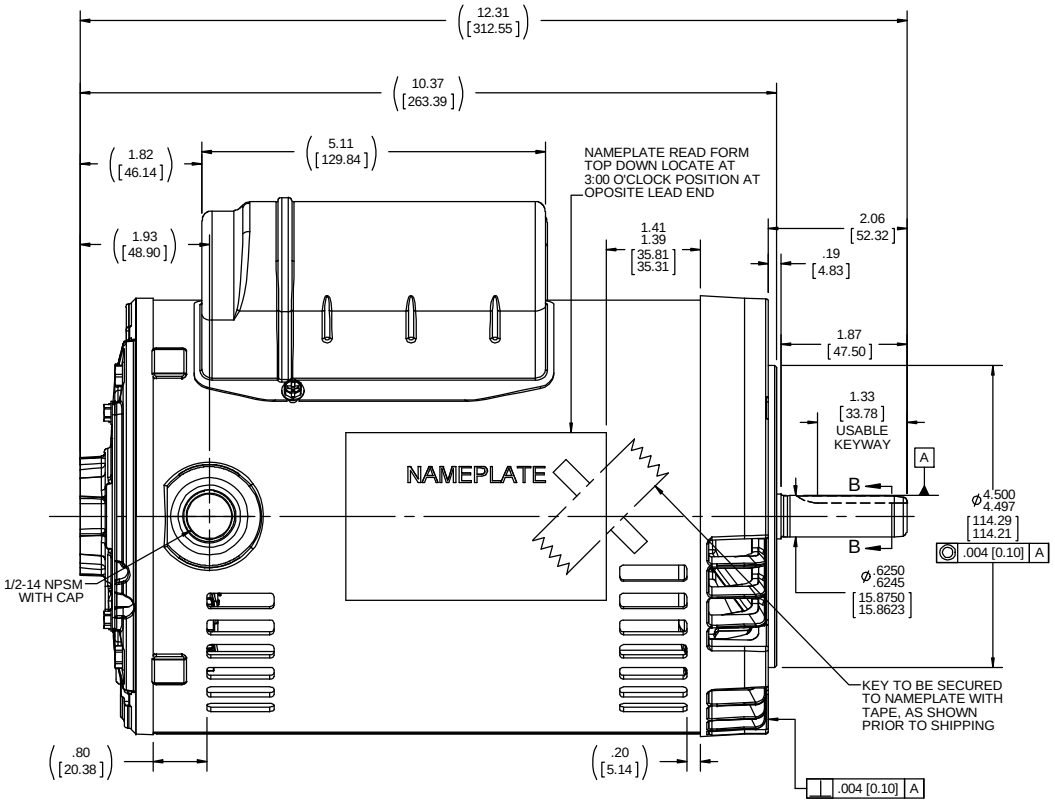
Phase	1	Output HP	0.75 Hp
Output KW	0.56 kW	Voltage	115/208-230 V
Speed	1725 rpm	Service Factor	1.25
Frame	56C	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	81.8 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	6.2/3.4-3.1 A	Power Factor	96
Duty	Continuous	Insulation Class	B
Design Code	N	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		

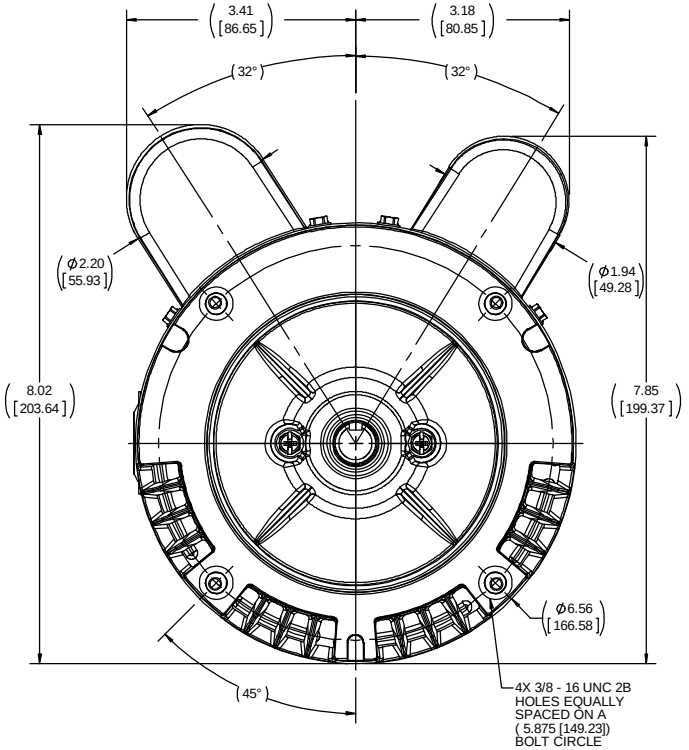
Technical Specifications

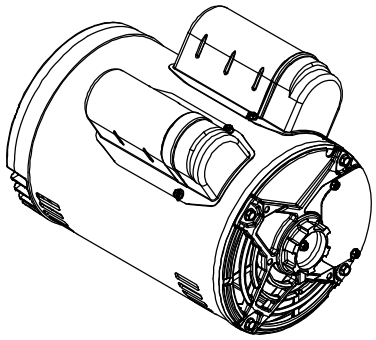
Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Resistance Main	2.48 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 56	Assembly/Box Mounting	F1 ONLY
Connection Drawing	CDBD102	Outline Drawing	OL56100585-001

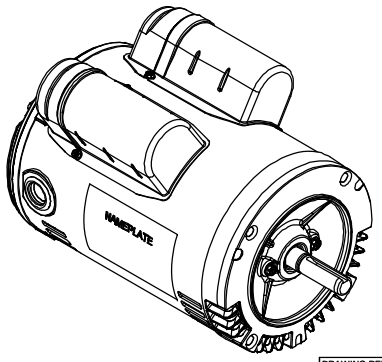
This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:08/08/2025

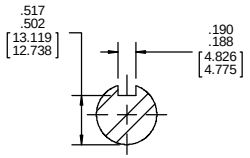
Uncontrolled Copy











SECTION B-B

DRAWING REVISION: B	REVISION BY: KB	DATE: 10/26/18
ECO: ECO-0155470	APPROVED BY: SN	DATE: 10/26/18
ECO DESCRIPTION: UPDATED MOTOR ASSEMBLY		

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.

TOLERANCES UNLESS OTHERWISE SPECIFIED:

DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±0.5°
.XX	±0.03	[±0.76]	
XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	

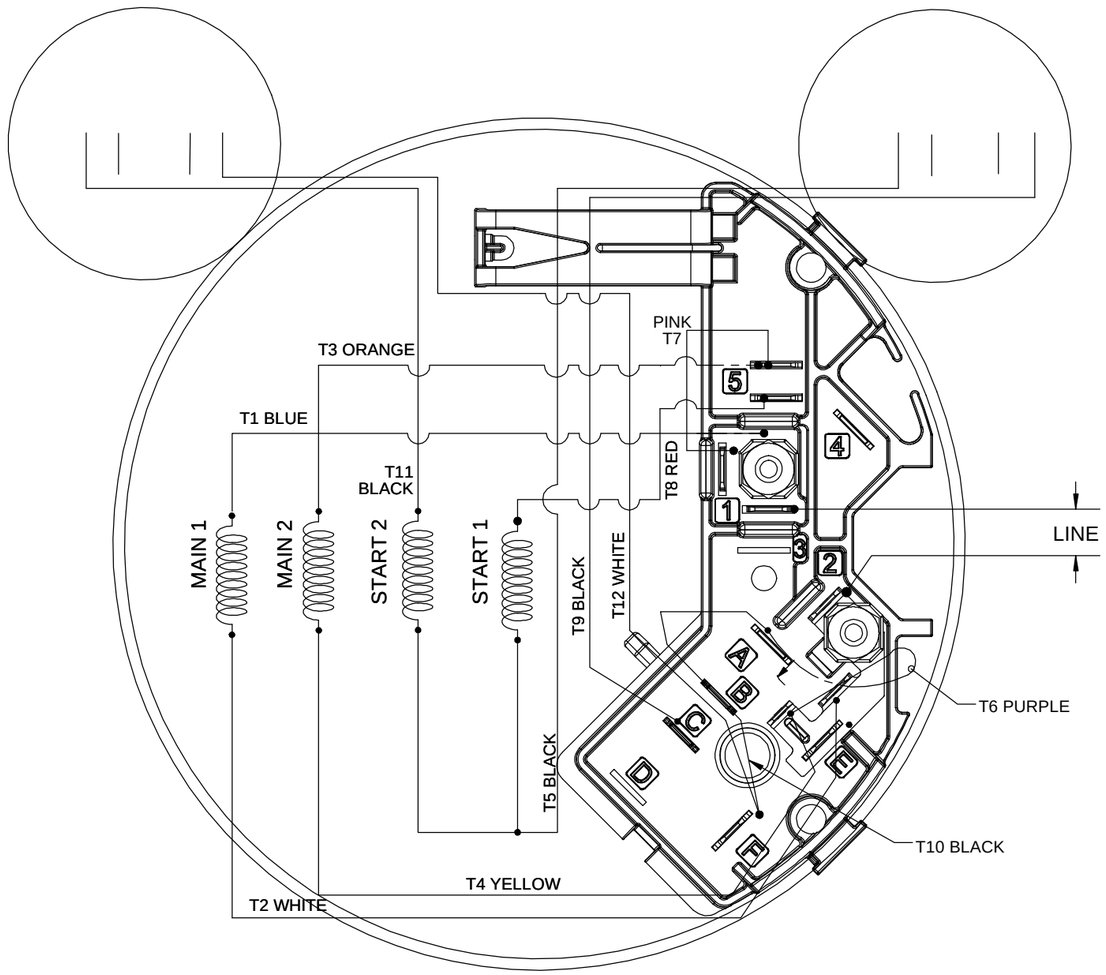
REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.076/.381] X 45°
CORNER FILLETS: R.02 [.51]
MACHINED SURFACES: 125/ INCH 3.2/ mm
mm SHOWN IN [BRACKETS]

DRAWN BY: KB	
DATE: 10/25/18	
APPROVED BY: SN	
DATE: 10/25/18	
REFERENCE: OL56100178	
THIRD ANGLE PROJECTION	

Regal Beloit America, Inc.

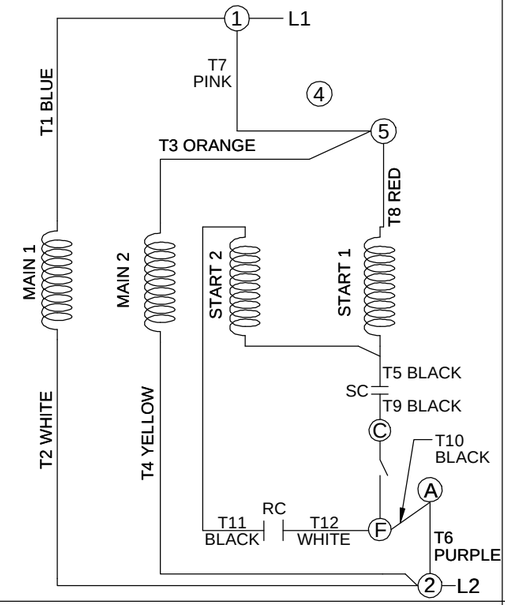
DESCRIPTION: OUTLINE 56FR, DP, 1-PHASE	
MATERIAL	PROCESS/FINISH
SIZE: C	DRAWING NUMBER: OL56100585-001
SHEET: 1 OF1	

Uncontrolled Copy

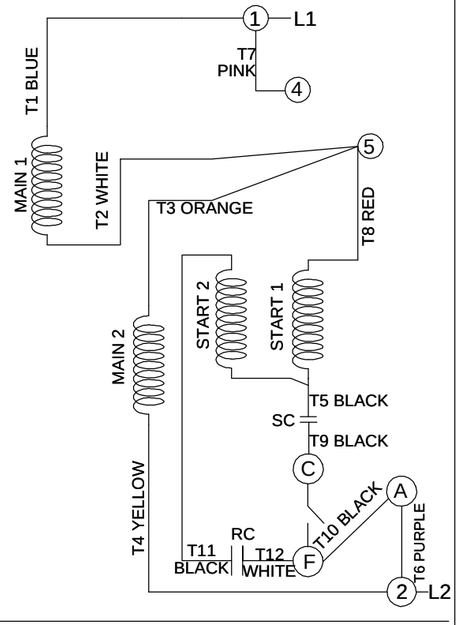


CCW/CW ROTATION-CAP START AND CAP RUN DUAL VOLTAGE NO PROTECTOR

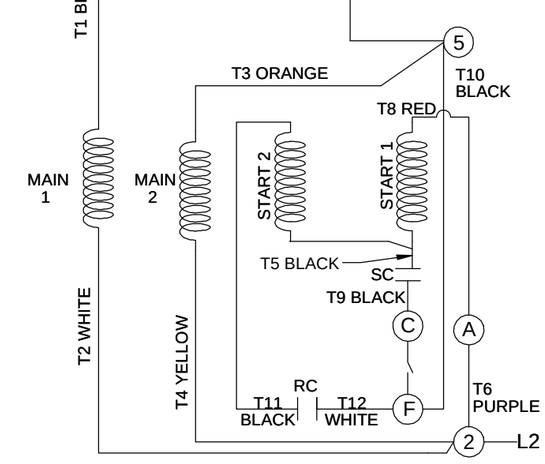
001 LOW VOLTAGE CCW



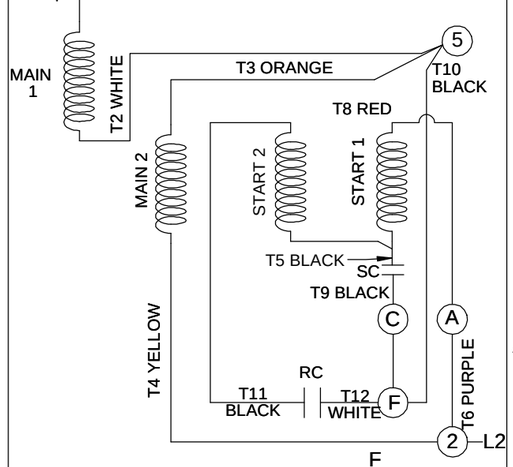
002 HIGH VOLTAGE CCW



003 LOW VOLTAGE CW



004 HIGH VOLTAGE CW



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		

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.

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]
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	MATERIAL / PROCESS/FINISH
THIRD ANGLE PROJECTION	SIZE: B / DRAWING NUMBER: CDBD102 / SHEET: 1 OF 1

REGAL™ Regal Beloit America, Inc.

DESCRIPTION: CONN DIAGRAM-EXTERNAL

Uncontrolled Copy

LEESON™

CERTIFICATION DATA SHEET

CUSTOMER:
ORDER #:
CONN. DIAGRAM: CDBD102
OUTLINE: OL56100585-001
WINDING #: NB56472 3 B

CUSTOMER PO#:
MODEL #: 56B17DRC70007A1 A
CUSTOMER PART #:
MOUNTING: F1 ONLY

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
3/4	0.56	1800	1725	56C	DP	L	N

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
1	60	115/208-230	6.2/3.4-3.1	ACROSS THE LINE	CONTINUOUS	B2	1.15	40

FULL LOAD EFF:	81.8	3/4 LOAD EFF:	83	1/2 LOAD EFF:	78.5	GTD. EFF	ELEC. TYPE
FULL LOAD PF:	96	3/4 LOAD PF:	94.5	1/2 LOAD PF:	89	0	CAP START CAP RUN

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
36.5 OZ-FT	61.7 / 30.8	133.1 OZ-FT 365 %	112.4 OZ-FT 308 %	25

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	0 SEC.	0	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	ODE						
BALL	BALL	POLYREX EM	STANDARD 56	NONE	NONE	AISI 1215 (MS1000)	ROLLED STEEL
6203	6203						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

*** N O T E S ***

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

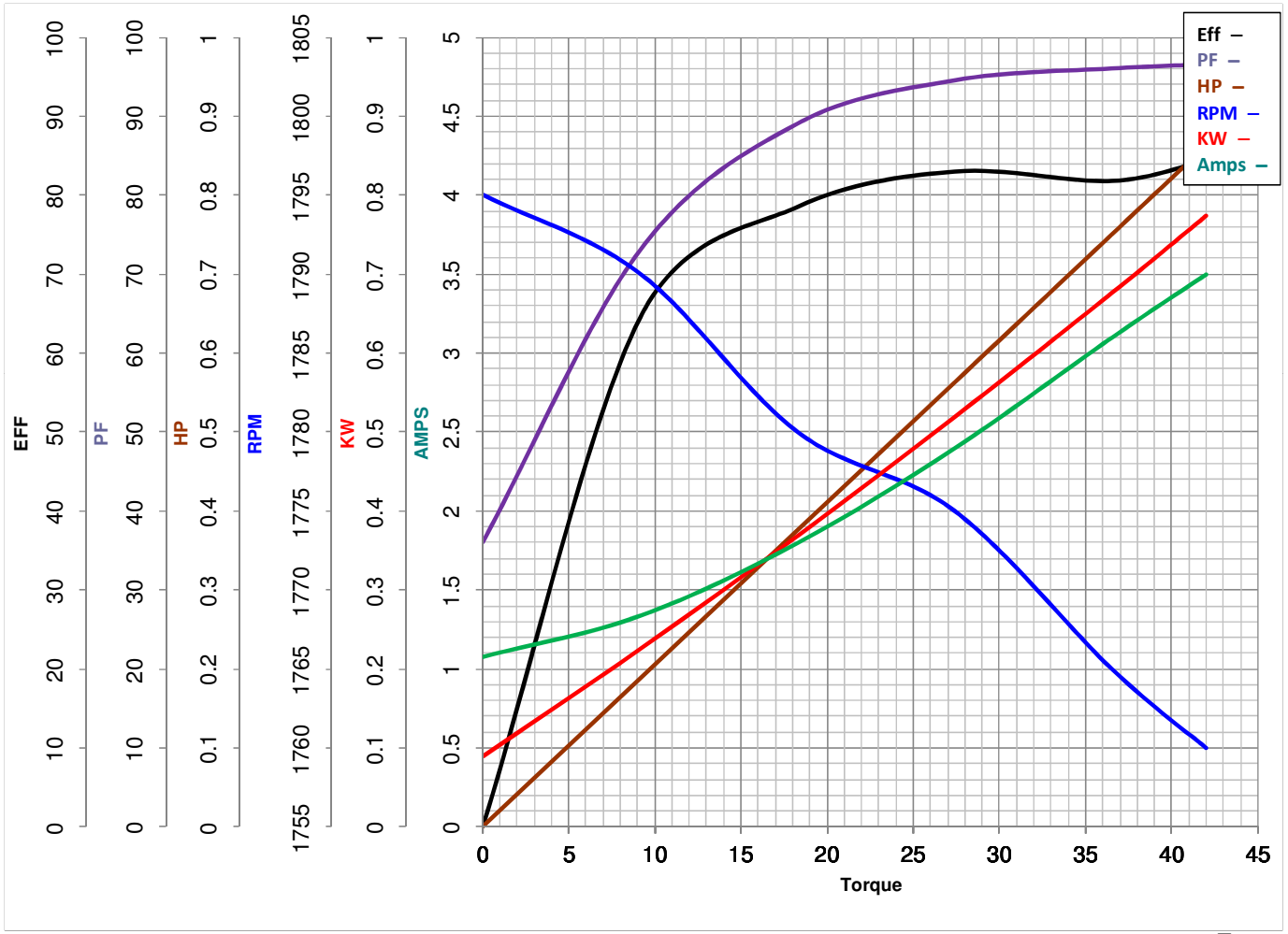
REV 1 - CHANGED LOGO FROM MARATHON TO LEESON - 3/25/2025

PREPARED BY: Bhargavi Dontham
DATE: 12/13/2018 10:41:43 AM
FORM 3531 REV.3 02/07/99
** Subject to change without notice.

REGAL REXNORD CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer	WW Grainger	**Curve at**	230	**Volts**	**HP** 0.75	**PHASE**	1
			60	**HZ**			
Model No	56B17DRC70007A1		0.75	**HP**	**VOLTS** 115/208-230		
Catalog No	CG361A				**HZ** 60	**RPM**	1725



Torque in Oz.Ft

FL TORQUE	36.5 **Oz.Ft**		**FL AMPS**	6.2/3.4-3.1	
BD TORQUE	112.4 **Oz.Ft**		**PU TORQUE**	118.8	**Oz.Ft**
LR TORQUE	133.1 **Oz.Ft**		**LR AMPS**	30.83	
WINDING	NB56472-3	**Prepared By** BHARGAVI		**Date**	**11/14/2018**

REV 1 - CHANGED FROM MARATHON TO REGAL REXNORD - 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 : 056B17DRC70007A1

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

Catalog No : CG361B

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