PRODUCT INFORMATION PACKET

Model No: 056B17D11029
Catalog No: E261A
General Purpose Motor, 0.50 & 0.50 HP, 1 Ph, 60 & 50 Hz, 120/240 & 100-120/200-240 V, 1800 & 1500 RPM, 56C Frame, DP

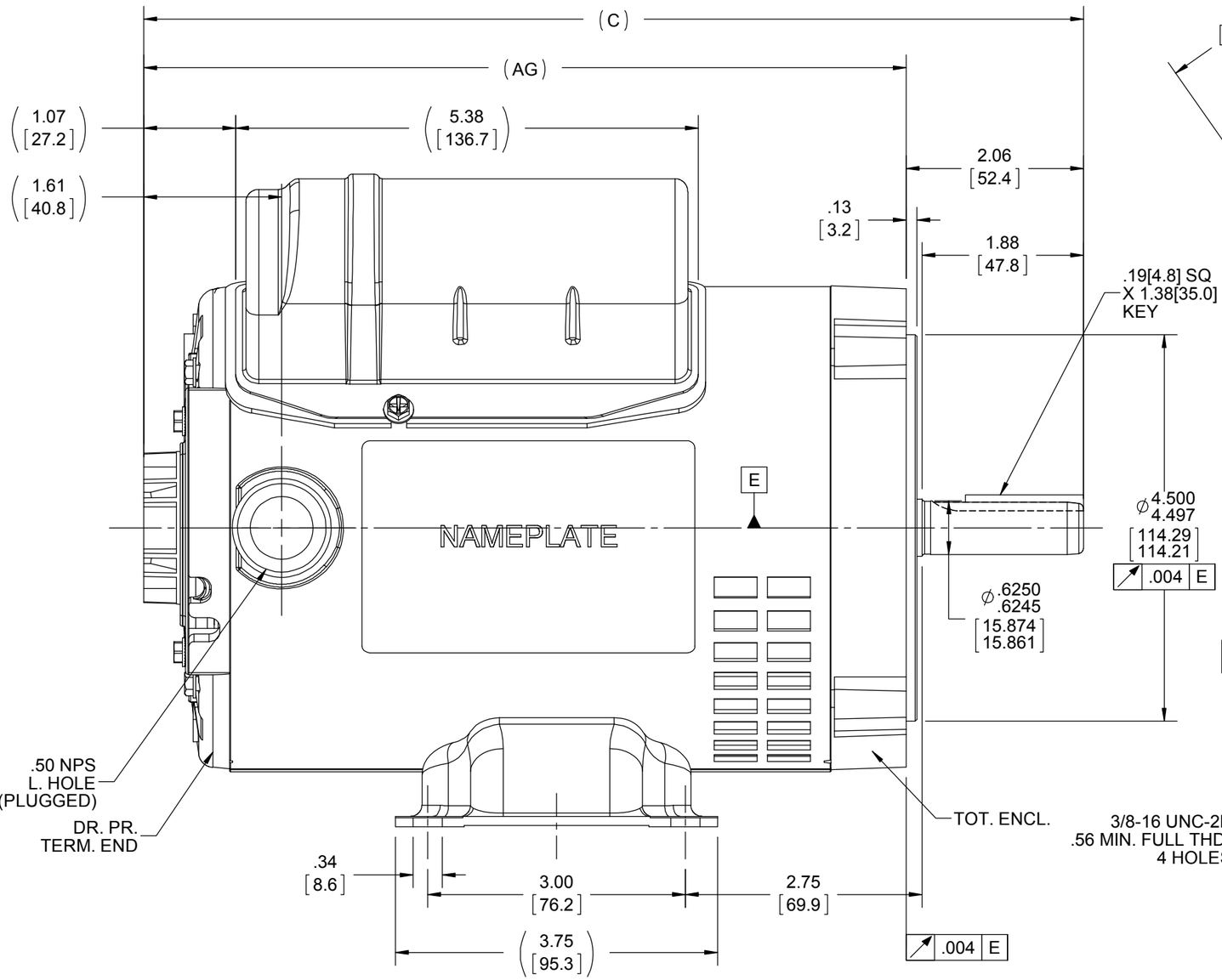
Operational at 100-120/200-240 V @60HZ

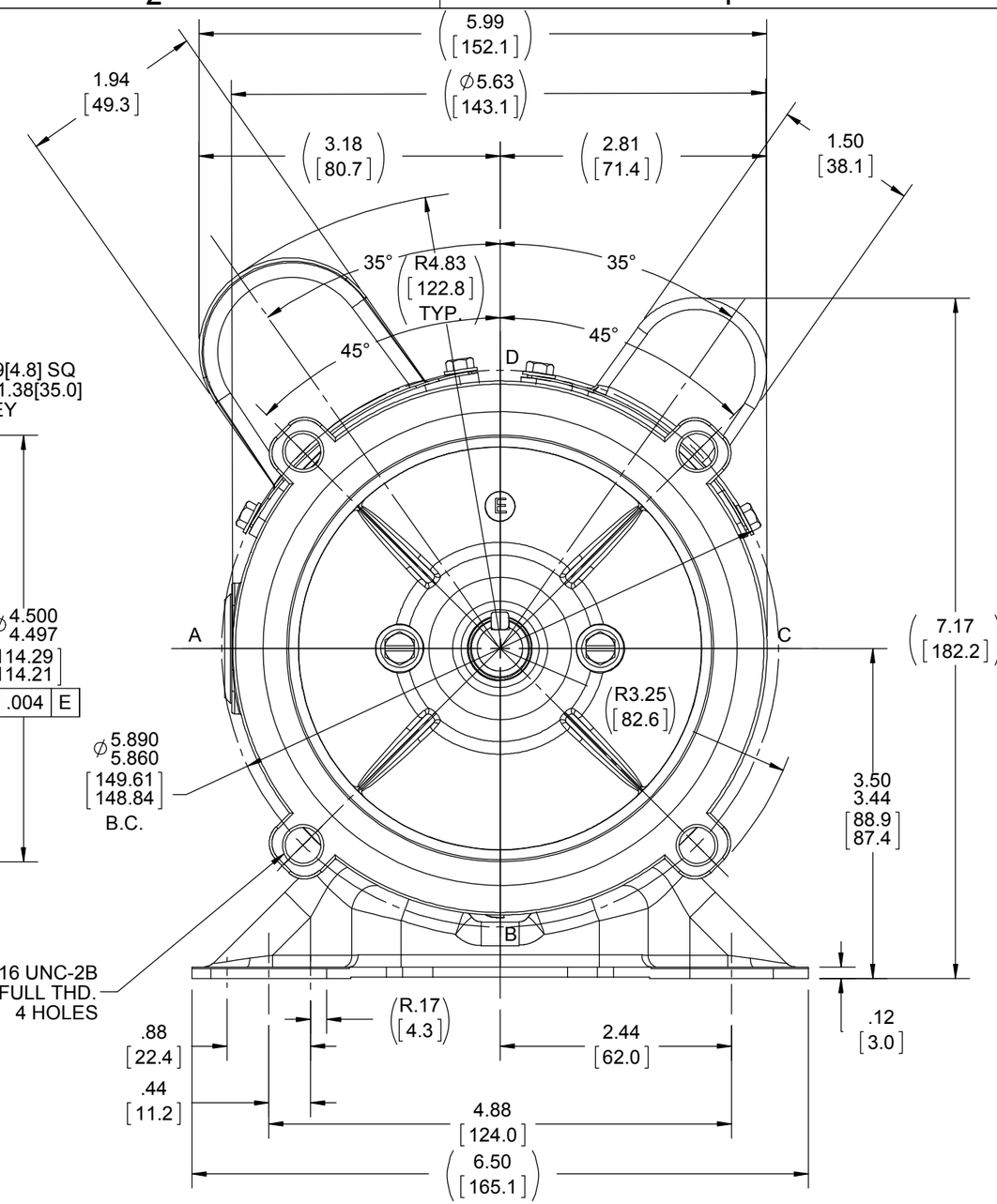
Nameplate Specifications

Phase	1	Output HP	0.50 & 0.50 Hp
Output KW	0.37 & 0.37 kW	Voltage	120/240 & 100-120/200-240 V
Speed	1725 & 1425 rpm	Service Factor	1.25 & 1.25
Frame	56C	Enclosure	Drip Proof
Thermal Protection	Automatic	Efficiency	76.2 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	4.4/2.2 & 5.8-5.2/2.9-2.6 A	Power Factor	91.6
Duty	Continuous	Insulation Class	B
Design Code	NO DESIGN CODE	KVA Code	K
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	0 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 56	Overall Length	11.44 in
Shaft Diameter	0.625 in	Shaft Extension	1.88 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	A-SS404164-750	Connection Drawing	EE9002F





NOTE:
1) NAMEPLATE LOC. @ READ FROM POSITION "A"

DASH	C	AG
675	10.69[271.5]	8.63[219.2]
700	10.94[277.8]	8.88[225.5]
750	11.44[290.5]	9.38[238.2]
800	11.94[303.2]	9.88[250.9]

DRAWING REVISION	REVISION BY	REV DATE/© DATE
F	S SAHOO	12/17/2018
ECO	APPROVED BY	DATE
ECO-0166984	D SURYAWANSHI	05/13/2019

ECO DESCRIPTION
OUTLINE CONVERSION PROJECT

TOLERANCES (EXCEPT AS NOTED):

DEC.	INCH	mm	ANGLE
.X	±0.1	[±3]	±7' 30"
.XX	±0.03	[±0.8]	
.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: 200 / 5.1 / (INCH / mm)
mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY

DRAWN BY	
PST	
DATE	
05/25/2015	
APPROVED BY	
DATE	
REFERENCE	
SS403396/SS74463	
THIRD ANGLE PROJECTION	

REGAL® Regal Beloit America, Inc.

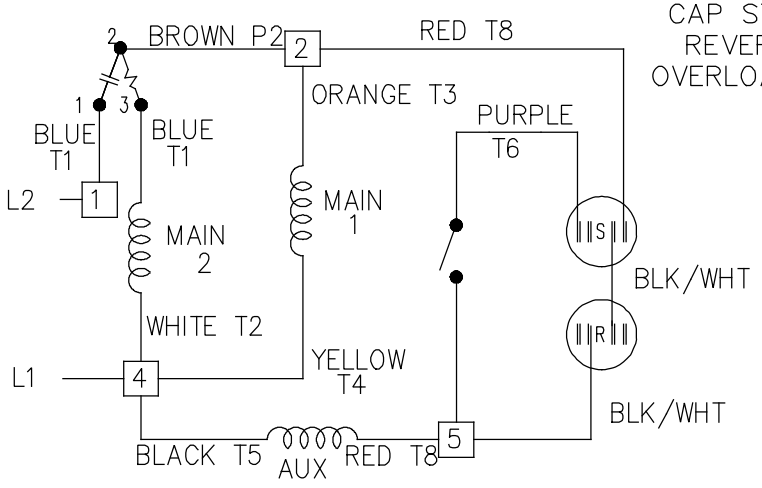
DESCRIPTION
OUTLINE
56 FR.

MATERIAL	PROCESS/FINISH

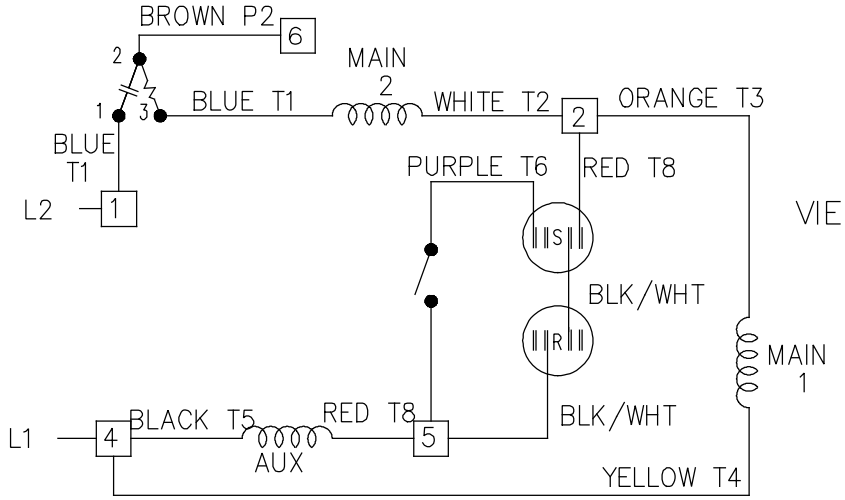
SIZE	DRAWING NUMBER	SHEET
B	SS404164	1 OF 1

EE9002F

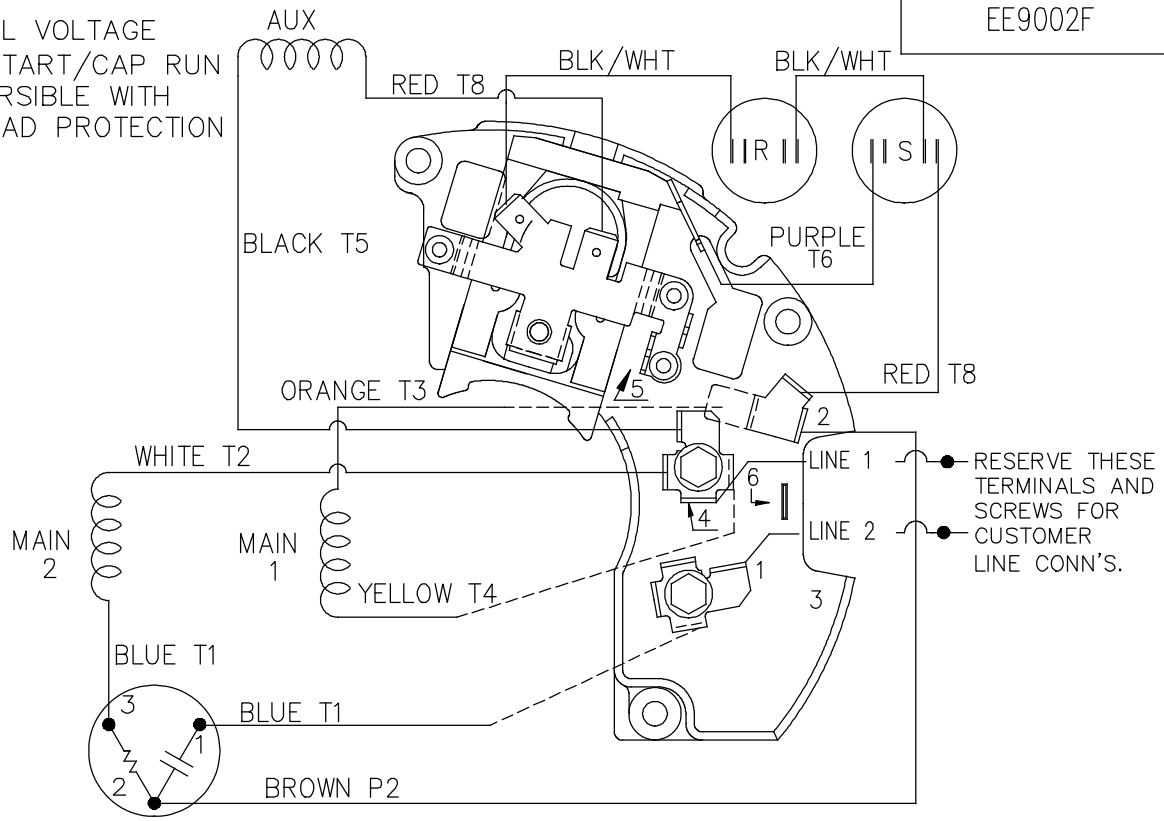
6 LOW VOLTAGE



HIGH VOLTAGE



DUAL VOLTAGE
CAP START/CAP RUN
REVERSIBLE WITH
OVERLOAD PROTECTION



RESERVE THESE TERMINALS AND SCREWS FOR CUSTOMER LINE CONN'S.

VIEWING TERM END

LOW VOLTAGE CCW ROTATION SHOWN.

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

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

DASH LINES INDICATE LEADS CONNECTED
TO MOTOR SIDE OF SWITCH.

NO.	REVISION	BY & DATE	CHK
6	ADDED T MARKINGS	DS 07/19/2018	VC
5	REVISED LINE 2 LOCATION	RM 01-28-1991	
4	UPDATED SCHEMATIC PER CN 6014	DA 08-01-1990	
3	RED LEAD FROM AUX WAS ON ANGLE TERM.	DA 07-02-1990	
	PURPLE LEAD WAS RED CN 6014		
2	ADDED CUSTOMER CONNECTION NOTE. CN 6011	BW 08-03-1989	

TOLERANCES UNLESS SPECIFIED

DEC.	INCHES
.X	± –
.XX	± –
.XXX	± –
.XXXX	± –
ANG	± –

REGAL™ Regal Beloit America, Inc.

DRAWN ML	02-11-1988
CHK FG	02-11-1988
APPD DNR	03-11-1988
SCALE	1=1
REF	
FMF	
PREV	

TITLE CONNECTION DIAGRAM
48 FR. DUAL VOLTAGE REVERSIBLE

MAT'L.
FINISH

RFP
DIST WP
CAD FILE EE9002F

SIZE	DRAWING NO. PAGE OF	REV.
A	EE9002F	6

CERTIFICATION DATA SHEET

Model#:	56B17D11029 A	**WINDING#:**	BE484110 NONE 4
CONN. DIAGRAM:	EE9002F	**ASSEMBLY:**	F1 ONLY
OUTLINE:	A-SS404164-750		

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1/2&1/2	0.37&0.37	1800	1725&1425	56C	DP	K	NO DESIGN CODE

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
1	60/50	100-120/200-240#100-120/200-240	5.2-4.4/10.4-2.2&5.8-5.4/11.6-10.8	ACROSS THE LINE	CONTINUOUS	B3	1.25/1.25	40	3300

FULL LOAD EFF: 76.2	3/4 LOAD EFF: 73.7	1/2 LOAD EFF: 66	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 91.6	**3/4 LOAD PF: 89.8**	**1/2 LOAD PF: 86.1**	76.2	CAP START CAP RUN	1.7 / .9

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
24.4 LB-FT	33.9 / 17	75.6 LB-FT 310	60.4 LB-FT 248	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	10 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	RIGID	HORIZONTAL	FALSE	NONE	FALSE	NONE	GRAY (POWDER)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE						
BALL	BALL	POLYREX EM	STANDARD 56	NONE	NONE	1144 STRESSPROOF (C-223)	ROLLED STEEL
6203	6203						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE /n HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	AUTOMATIC	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

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DATE: 06/27/2017 04:37:09 AM
FORM 3531 REV.3 02/07/99
** Subject to change without notice.

REGAL REXNORD CORPORATION

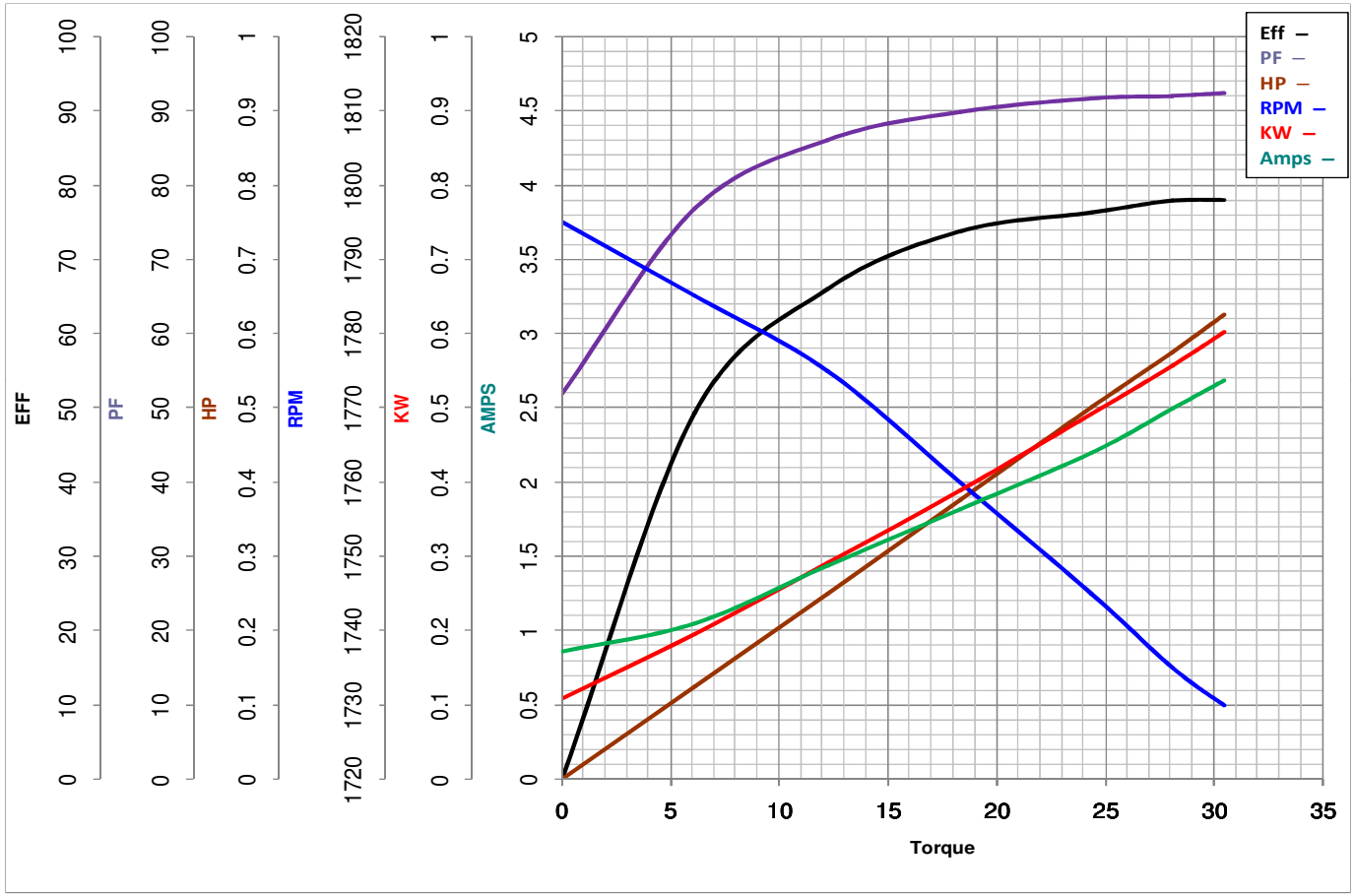
TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer

Curve at 240 **Volts** **HP** 0.5&0.5 **PHASE** 1
60 **HZ**

Model No 56B17D11029 0.5 **HP** **VOLTS** 100-120/200-240&100-120/200-240

Catalog No E261A **HZ** 60&50 **RPM** 1725&1425



Torque in Oz.Ft

FL TORQUE	24.4	**Oz.Ft**	**FL AMPS**	5.2-4.4/2.6-2.2	
BD TORQUE	60.4	**Oz.Ft**	**PU TORQUE**	75.4	**Oz.Ft**
LR TORQUE	75.6	**Oz.Ft**	**LR AMPS**	16.96	
WINDING	BE484110-4			**Date**	**1/11/2019**

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 : 056B17D11029

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

Catalog No : E261A

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