

PRODUCT INFORMATION PACKET



Model No: 056C17D5346

Catalog No: X603

Other Purpose Motor, 0.75 HP, 1 Ph, 60 Hz, 115/208-230 V, 1800 RPM, 56 Frame, DP



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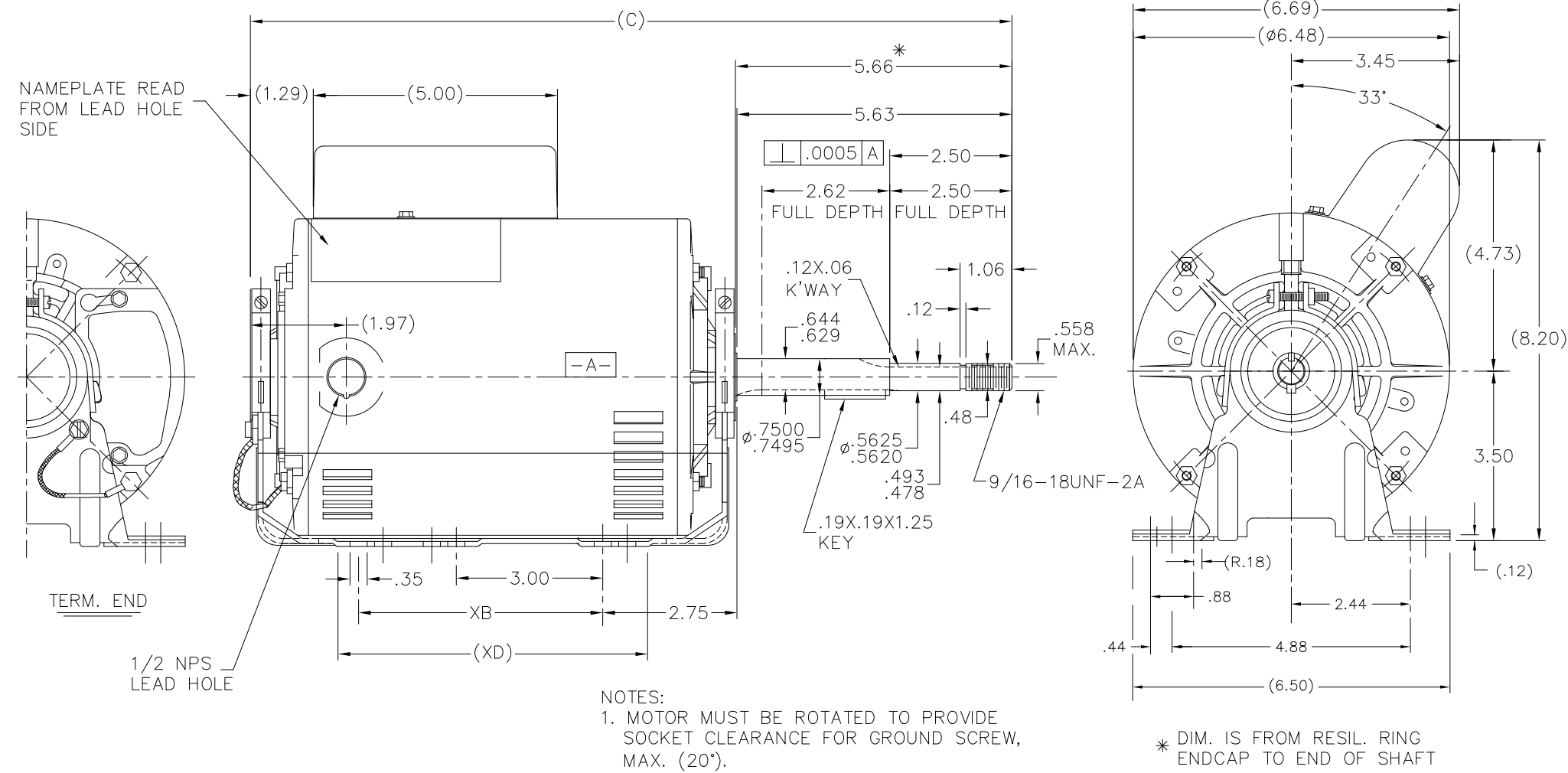
Nameplate Specifications

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	56	Enclosure	Drip Proof
Thermal Protection	Automatic	Efficiency	66 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	12.0/5.8-6.0 A	Power Factor	65.7
Duty	Continuous	Insulation Class	B
Design Code	NO DESIGN CODE	KVA Code	K
Drive End Bearing Size	6205	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	Y	IP Code	12
Number of Speeds	1		

Technical Specifications

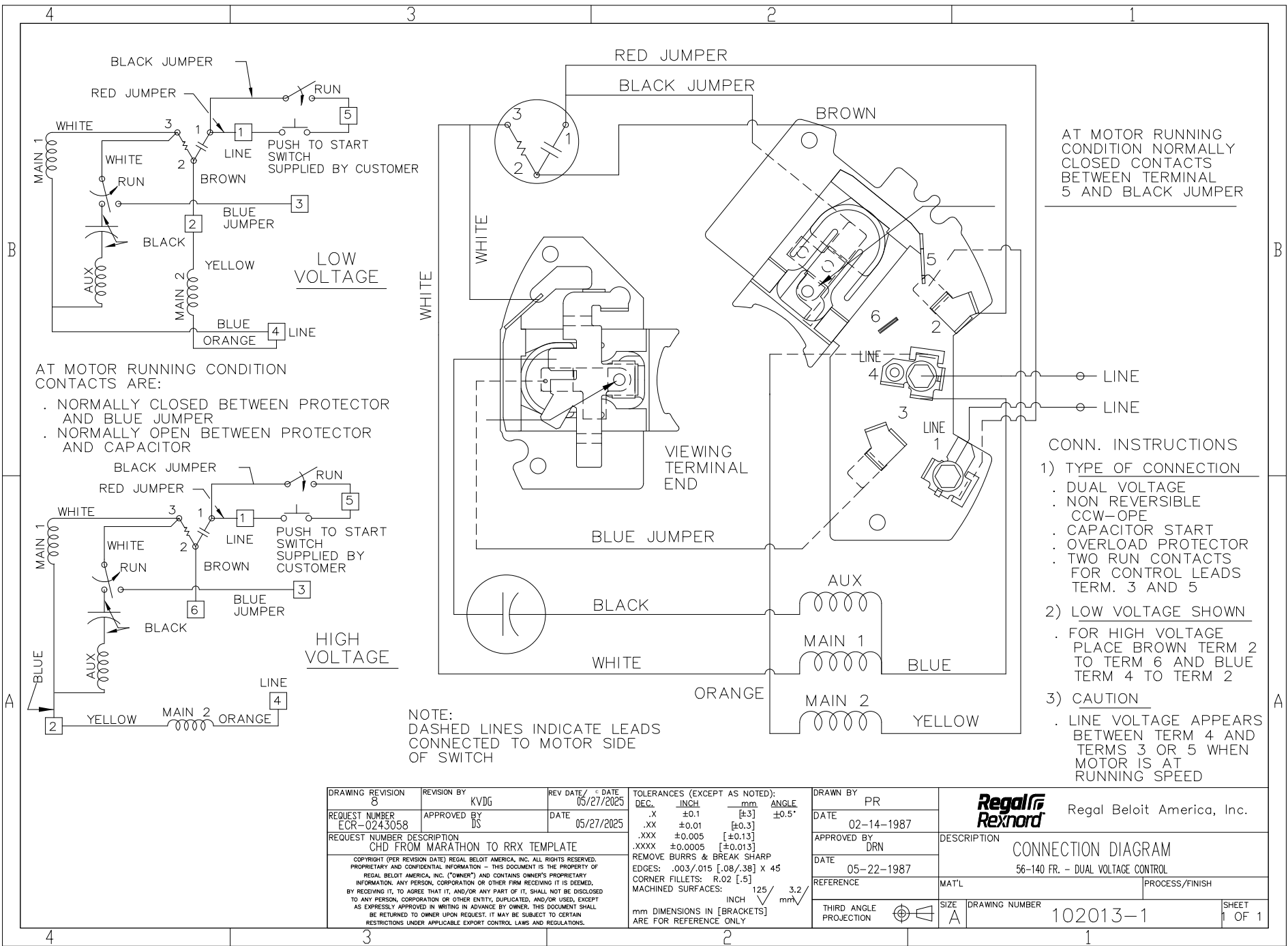
Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Fixed Counterclockwise
Resistance Main	0 Ohms	Mounting	Resilient Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Single Special Extension	Overall Length	15.10 in
Frame Length	7.06 in	Shaft Diameter	0.625 in
Shaft Extension	5.66 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	102013-1	Outline Drawing	B-100233-706

100233



DASH	FR.	C	XB	XD
656	56-65	14.60	0	5.00
706	56-70	15.10	0	5.00
756	56-75	15.60	0	5.00

10	BASE CHANGED AS PER ECR-0224925	PS	06/21/2023	SN	TOLERANCES UNLESS SPECIFIED	Regal Rexnord Regal Beloit America, Inc.	DRAWN GK 09-28-1998			
9	UPDATED NOTES, FROM 10 DEG. TO 20 DEG.	SK	12/1/2022	MS	DEC. INCHES		CHK	ML	12-09-1991	
8	UPDATED DRAWING	RJW	3/28/2007		.X ±.1		APPD	JAY	12-09-1991	
7	REDRAWN IN AUTOCAD	TAT	06-13-2005	ML	.XX ±.03	TITLE OUTLINE			SCALE	1=2
6	UPDATED GROUND LEAD GEOMETRY CN 24830	DRS	10-11-1999		.XXX ±.005				REF	
5	ADDED NOTE CN 24378	PGK	06-06-1997		.XXXX ±.0005	MAT'L			FMF	
NO.	REVISION	BY & DATE	CHK	ANG	±7°30'	FINISH			PREV	
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT					RFP	CAD FILE 100233	SIZE	DRAWING NO.	PAGE	OF
					DIST WP		B	100233	10	REV.



CERTIFICATION DATA SHEET

Model#: 56C17D5346 H
 CONN. DIAGRAM: 102013-1
 OUTLINE: B-100233-706

WINDING#: ZC405 NONE 3
 ASSEMBLY: F1 ONLY

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
3/4	.56	1800	1725	56	DP	K	NO DESIGN CODE

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
1	60	115/208-230	12/5.8-6	ACROSS THE LINE	CONTINUOUS	B3	1.25	40	3300

FULL LOAD EFF: 66	3/4 LOAD EFF: 65.5	1/2 LOAD EFF: 58.4	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 65.7	3/4 LOAD PF: 54.5	1/2 LOAD PF: 43.8	0	CAP START IND RUN	9 / 4.5

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
36.1 LB-FT	58.6 / 29.3	123 LB-FT 341	94.9 LB-FT 263	60

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
STANDARD	STANDARD	RESILIENT BASE	HORIZONTAL	FALSE	NONE	FALSE	NONE	GRAY (POWDER)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE						
BALL	BALL						
6205	6205	POLYREX EM	SGL SPL EXT	LAUNDRY MOTOR EXT WITH THREAD	NONE	1144 STRESSPROOF (C-223)	ROLLED STEEL

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

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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

DATE: 06/21/2017 09:27:46 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

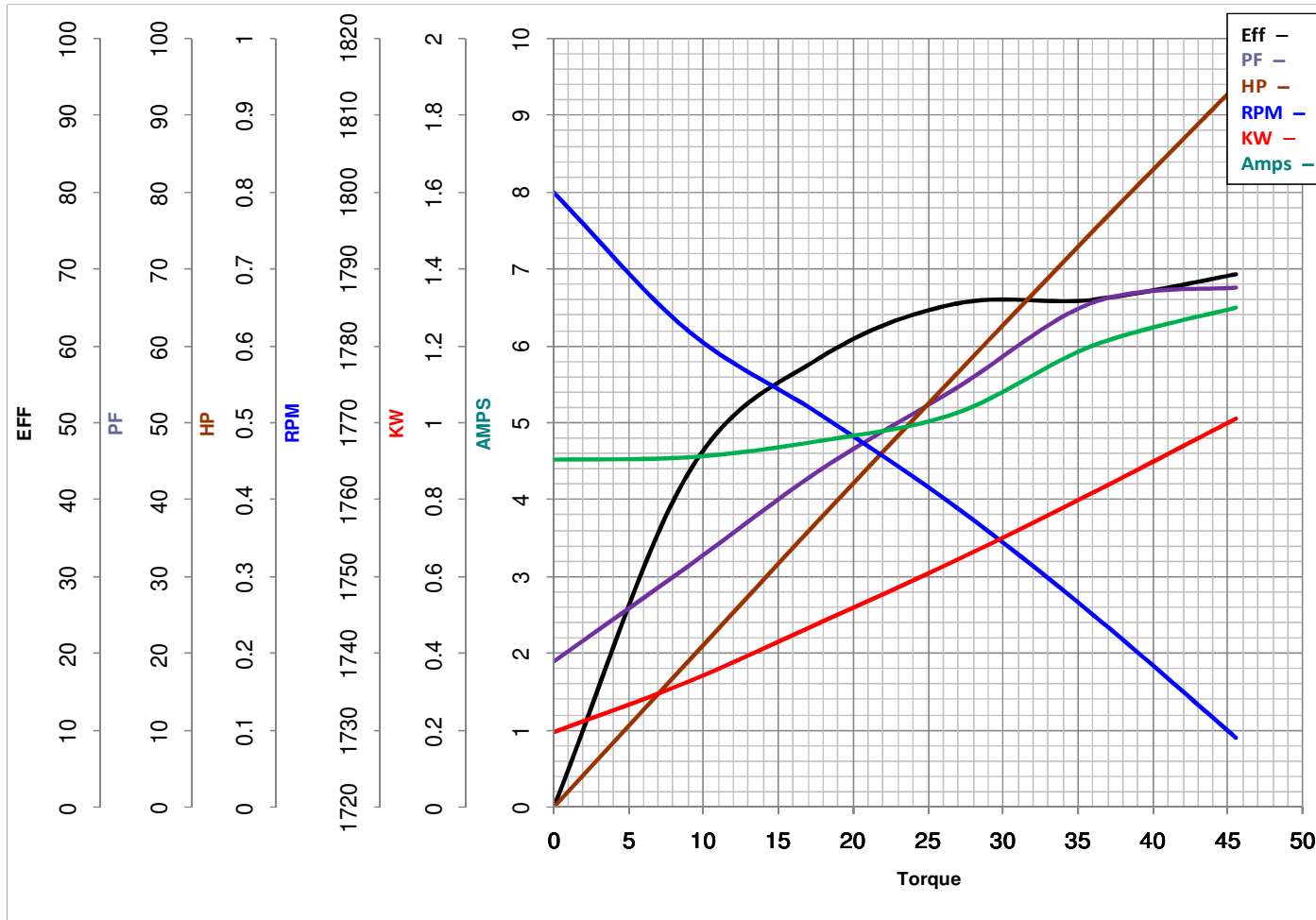
Volts

HP 0.76PHASE 1Model No 56C17D534660

HZ

0.75

HP

VOLTS 115/208-230Catalog No X603HZ 60RPM 1725

Torque in Oz.Ft

FL TORQUE 36.1 Oz.FtBD TORQUE 94.9 Oz.FtLR TORQUE 123 Oz.Ft

WINDING ZC405-3

FL AMPS 12/5.8-6PU TORQUE 70.3 Oz.FtLR AMPS 29.3Date 1/8/2019

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 : 056C17D5346

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

Catalog No : X603

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

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