

PRODUCT INFORMATION PACKET

Model No: 056B34F5312

Catalog No: K615

Pressure Washer Motor, 2 HP, 1 Ph, 60 Hz, 115/230 V, 3600 RPM, 56HC Frame, TEFC



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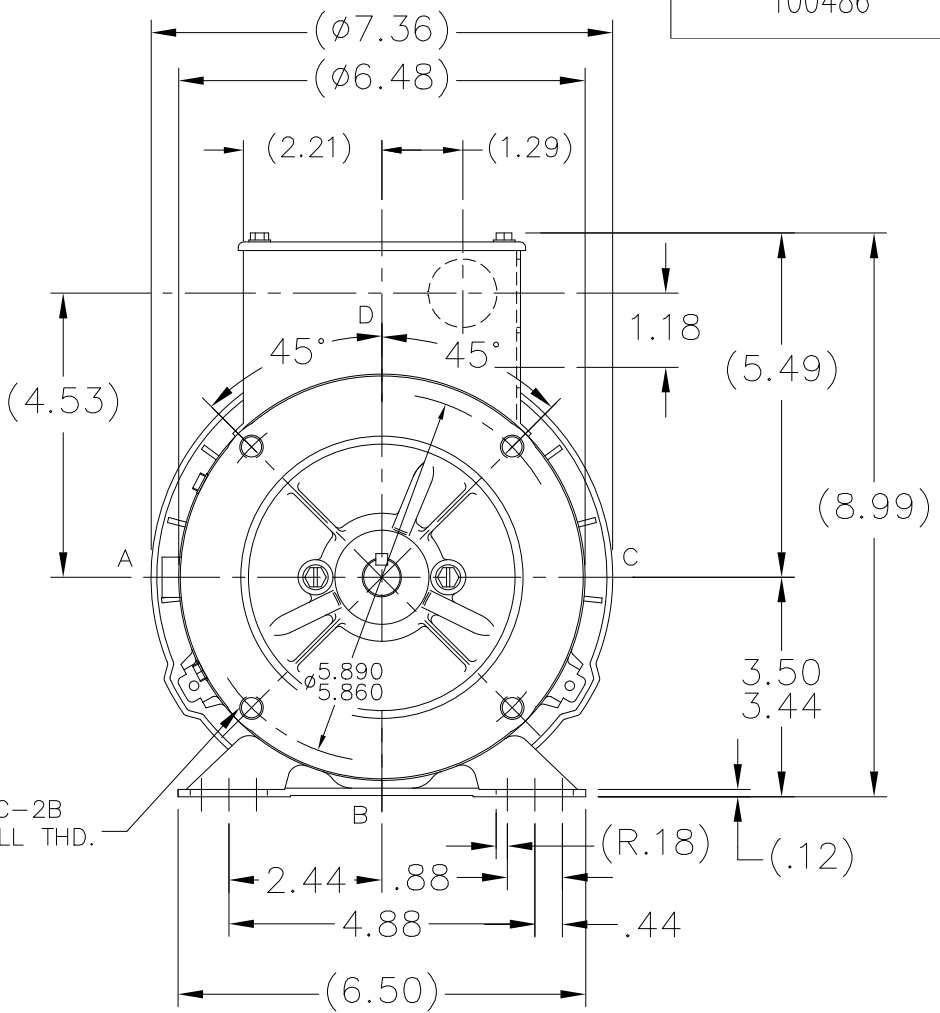
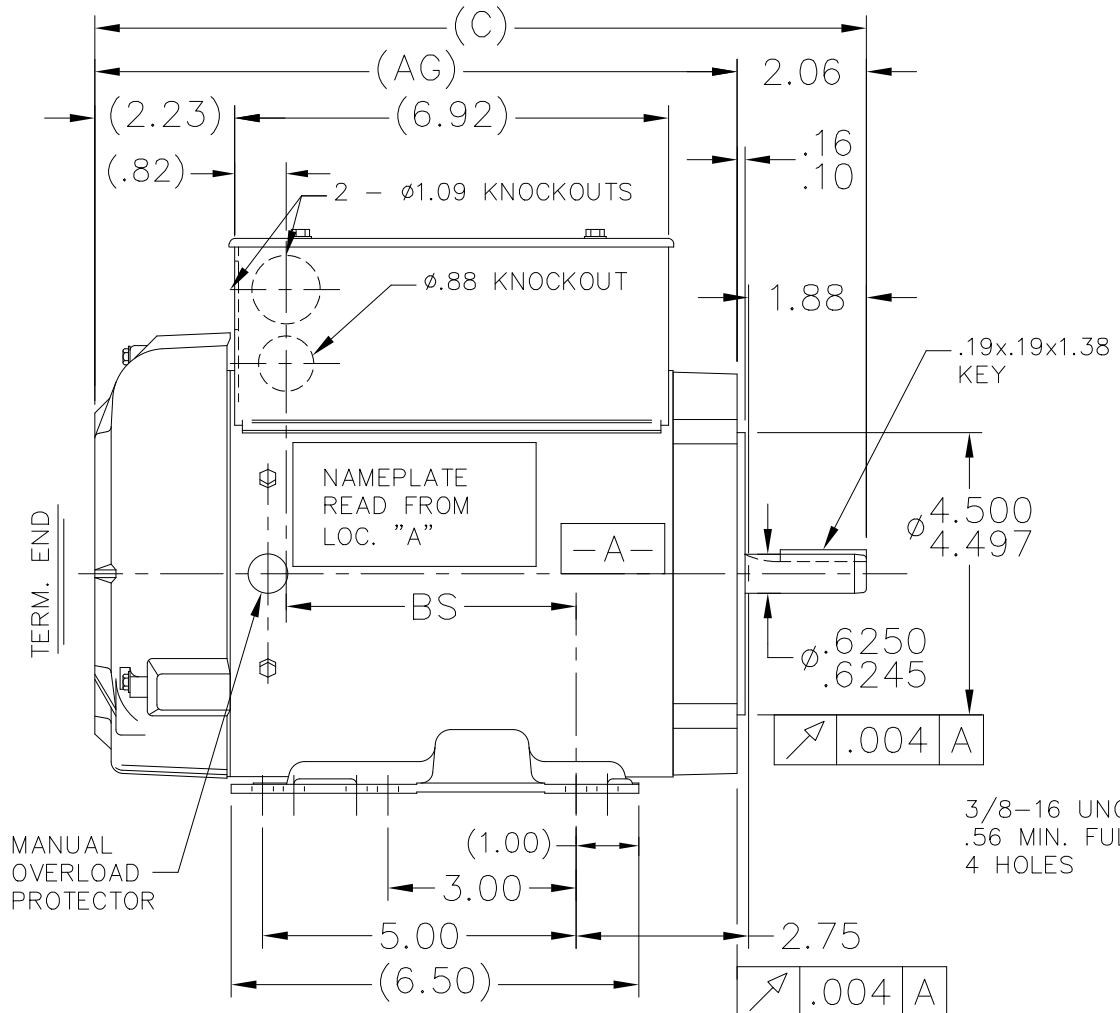
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Nameplate Specifications

Phase	1	Output HP	2 Hp
Output KW	1.5 kW	Voltage	115/230 V
Speed	3450 rpm	Service Factor	1.15
Frame	56HC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Manual	Efficiency	80.5 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	17.5/8.7 A	Power Factor	92.2
Duty	Continuous	Insulation Class	B
Design Code	NO DESIGN CODE	KVA Code	J
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized (Not Protector)	CSA	Y
CE	N	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	2	Rotation	Selective Clockwise
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	T	Overall Length	13.32 in
Shaft Diameter	0.625 in	Shaft Extension	1.88 in
Assembly/Box Mounting	F3		
Connection Drawing	A-102006-52	Outline Drawing	A-100486-806



DASH	FR.	C	AG	BS	DASH	FR.	C	AG	BS
					806	56-80	13.32	11.25	5.64
656	56-65	11.82	9.75	4.14					
706	"-70	12.32	10.25	4.64					
756	"-75	12.82	10.75	5.14					

NO.	REVISION	BY & DATE	CHK	TOLERANCES UNLESS SPECIFIED		FINISH
				DEC.	INCHES	
				.X	±.1	
3	CHG FROM MARATHON TO REGAL REXNORD LOGO	KVDG 05-10-2024	DS	.XX	±.02	TITLE OUTLINE
2	CLARIFIED NAMEPLATE LOC.	DD 04-19-1993		.XXX	±.005	56 FR. - BB - TEFC - C'FACE - 1Ø
1	NEW DRAWING	CN 12167 RM 04-08-1991		.XXXX	±.0005	MAT'L.
				ANG	±7'30"	



DRAWN RM	04-08-1991
CHK ML	04-09-1991
APPD JM	05-01-1991
SCALE	5=16
REF	
FMF	
PREV	

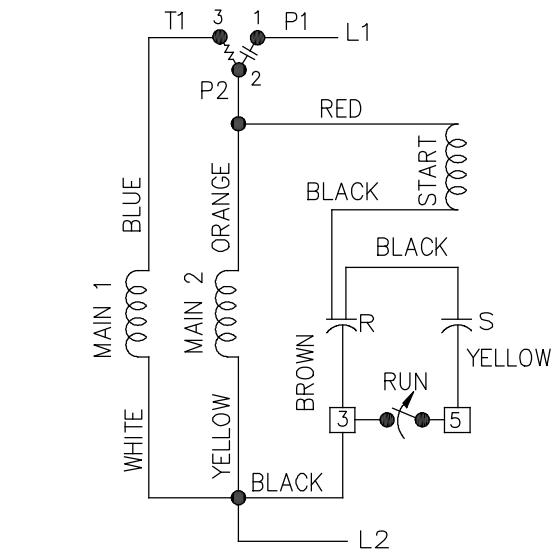
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RFP	
DIST WP	

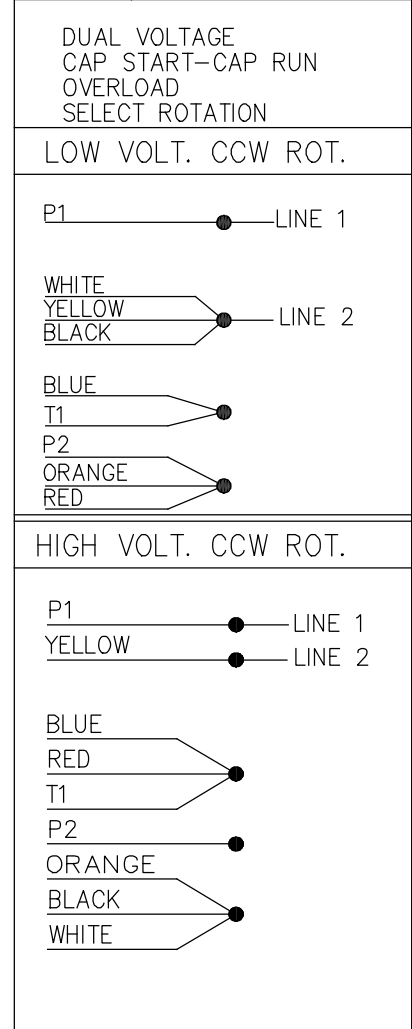
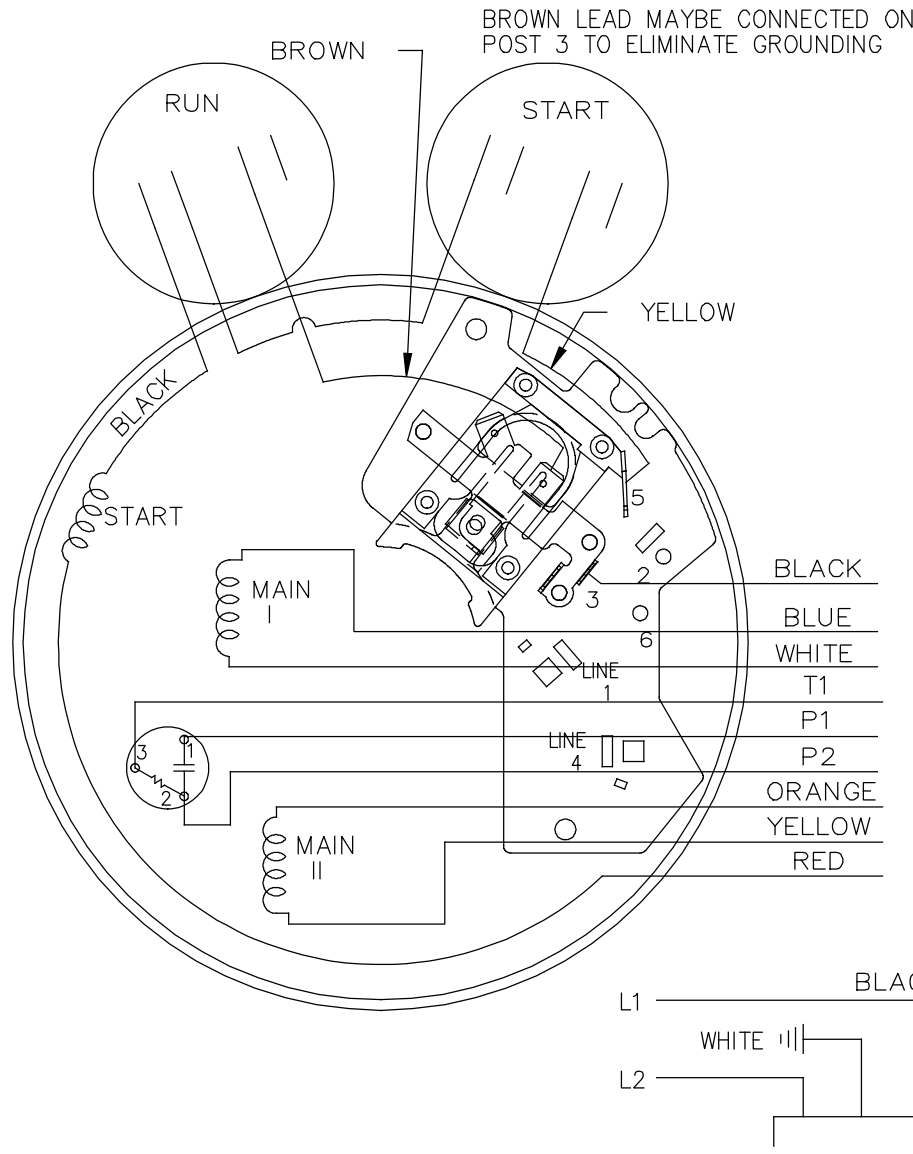
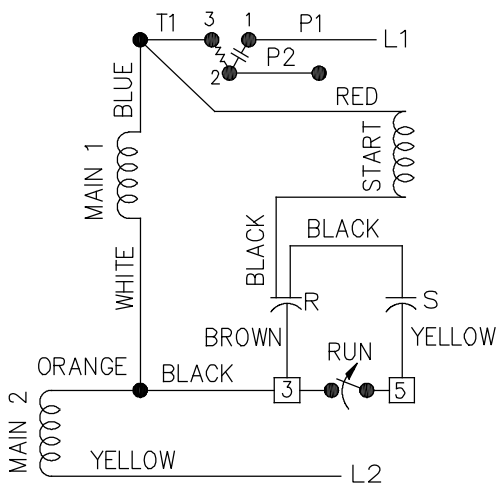
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SIZE	A

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100486			2

LOW VOLTAGE C.C.W.



HIGH VOLTAGE C.C.W.



FOR CW ROT. EITHER VOLTAGE INTERCHANGE RED WITH BLACK LEAD.

14	UDATED LOGO TO REGAL	SN	01-09-2020	TOLERANCES UNLESS SPECIFIED		Regal Beloit America, Inc.	DRAWN ML 05-09-1992		
13	CHG'ED SWITCH TO OPEN WHEN RUNNING ISAAC 11-2715	KBB	06-23-2011	EH	DEC.		INCHES	CHK GK 05-09-1992	
12	REMOVE 1,2,3 & 4 ON LOW & HIGH VOLT CN 31436	TJB	02-14-2002	DRS	.X	±.1	APPD FG 05-09-1992		
11	REMOVE BRAKE VIEW CN 31436	TJB	01-30-2002	DRS	.XX	±.02	SCALE 5=8		
10	ADDED BROW LEAD DETAIL NOTE CN 24300-323	BJW	02-28-2000		.XXX	±.005	REF		
9	ADDED CORD VIEW MU20434	BLR	07-01-1998		.XXXX	±.0005	FMF		
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"		FINISH	PREV	
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				DIST	WP	A		102006-52 14	

CERTIFICATION DATA SHEET

Model#: 56B34F5312 K
CONN. DIAGRAM: A-102006-52
OUTLINE: A-100486-806

WINDING#: ZB237 NONE 3
ASSEMBLY: F3

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
2	1.50	3600	3450	56HC	TEFC	J	NO DESIGN CODE

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
1	60	115/230	17.5/8.7	ACROSS THE LINE	CONTINUOUS	B3	1.15	40	3300

FULL LOAD EFF: 80.5	3/4 LOAD EFF: 79.8	1/2 LOAD EFF: 74	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 92.2	3/4 LOAD PF: 92.2	1/2 LOAD PF: 92	0	CAP START CAP RUN	4.4 / 2.2

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
2.97 LB-FT	124.6 / 62.3	6.16 LB-FT -	7.14 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	- LB-FT^2	0 LB-FT^2	0 SEC.	0	- LBS.

***** SUPPLEMENTAL INFORMATION *****

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	BRAKE	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	T	NONE	NONE	1144 STRESSPROOF (C-223)	ROLLED STEEL
6203	6203						

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

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INVERTER TORQUE: NONE
INV. HP SPEED RANGE: NONE
ENCODER: NONE
NONE NONE
NONE NONE PPR
BRAKE: PROVISIONS FOR KIT NONE
NONE P/N NONE
NONE NONE
NONE FT-LB NONE V NONE Hz

DATE: 06/22/2017 04:31:44 AM
 FORM 3531 REV.3 02/07/99

** Subject to change without notice.



MARATHON ELECTRIC CORPORATION
TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer

Curve at

230 Volts
60 HZ
2 HP

HP 2.00

PHASE 1

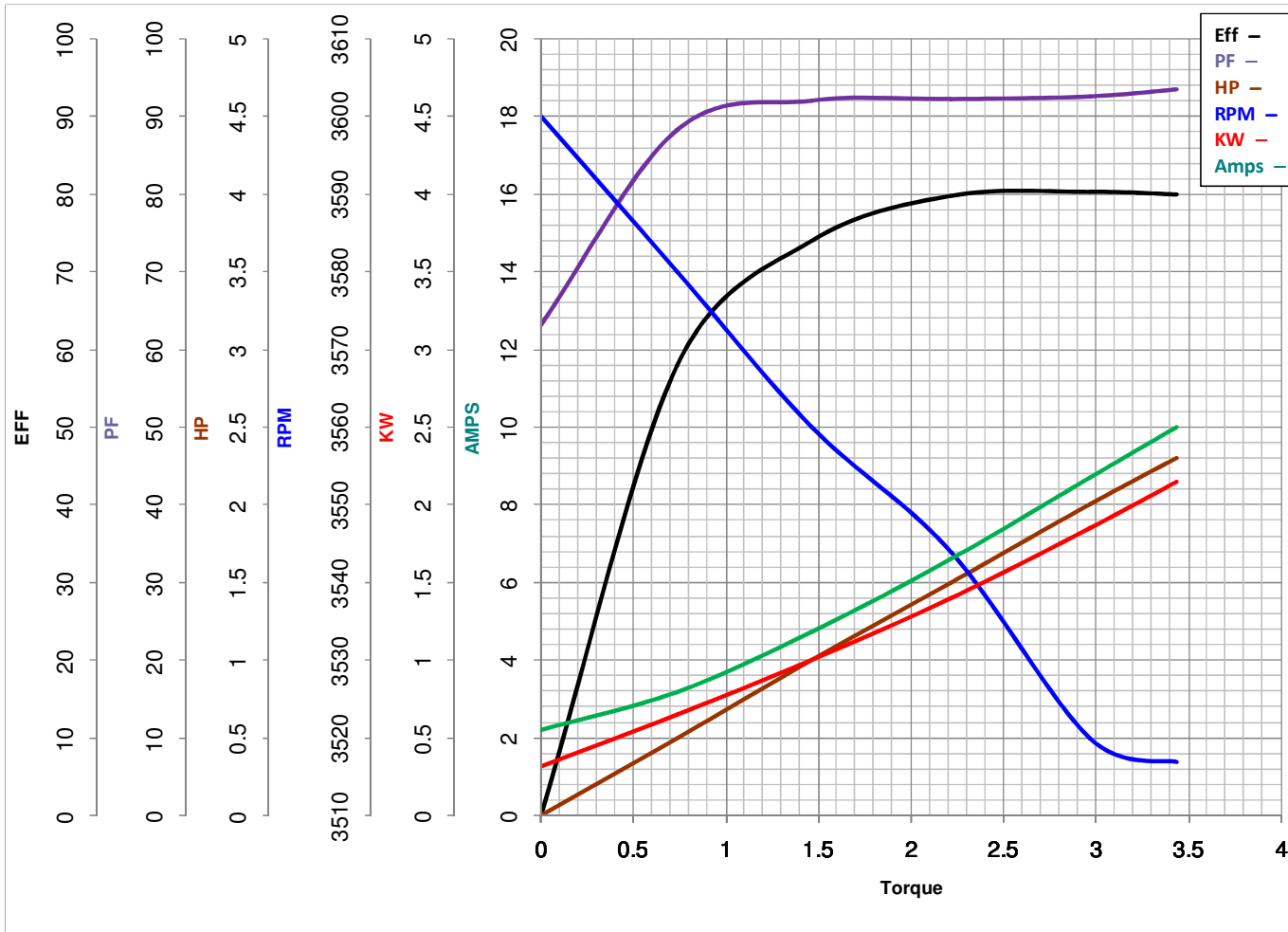
Model No 56B34F5312

VOLTS 115/230

Catalog No K615

HZ 60

RPM 3450



Torque in Lb.Ft

FL TORQUE 2.97 Lb.Ft
BD TORQUE 7.1 Lb.Ft
LR TORQUE 6.16 Lb.Ft

FL AMPS 17.5/8.7
PU TORQUE 4.6 Lb.Ft
LR AMPS 62.3

WINDING ZB237-3

Date 1/7/2019