

PRODUCT INFORMATION PACKET



Model No: 056C17F5914

Catalog No: F134

General Purpose Farm Duty Motor, 1 & 0.75 HP, 1 Ph, 60 & 50 Hz, 115/208-230 & 110/220 V,
1800 & 1500 RPM, 56C Frame, TEFC



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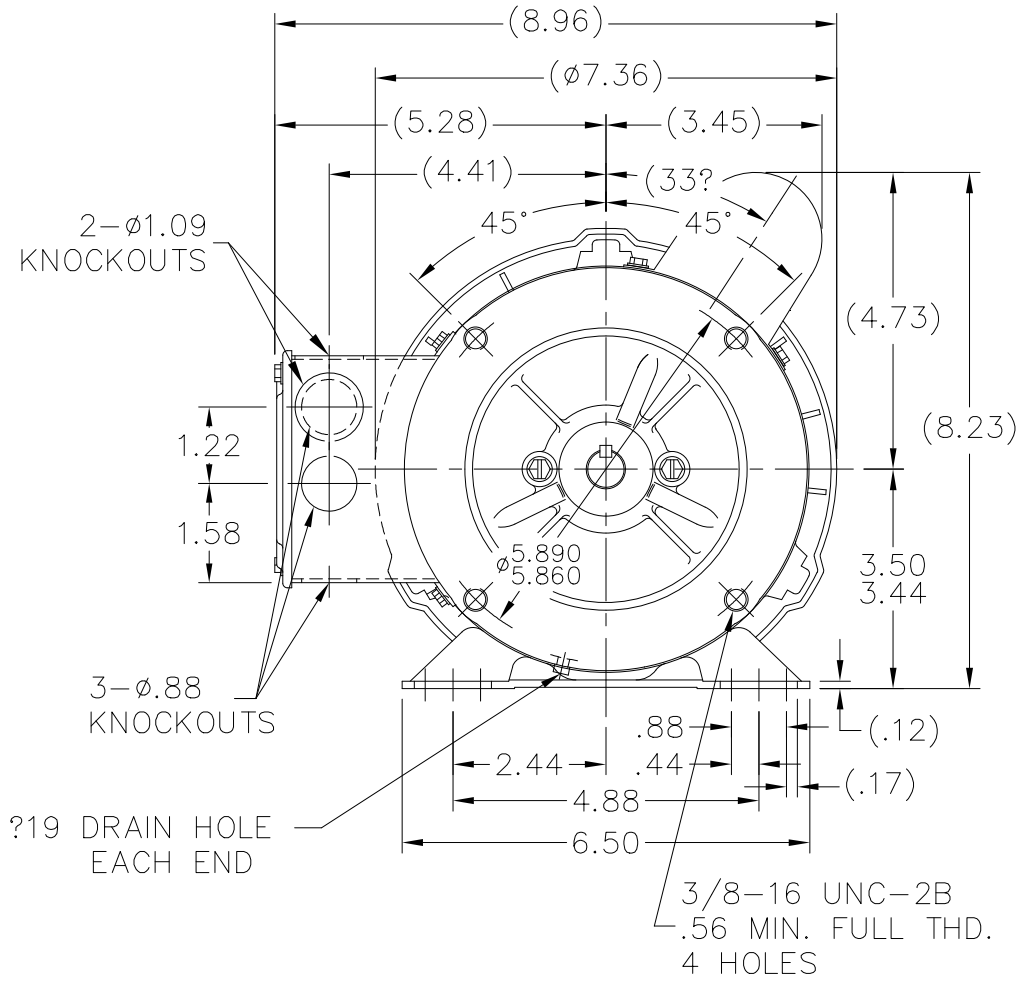
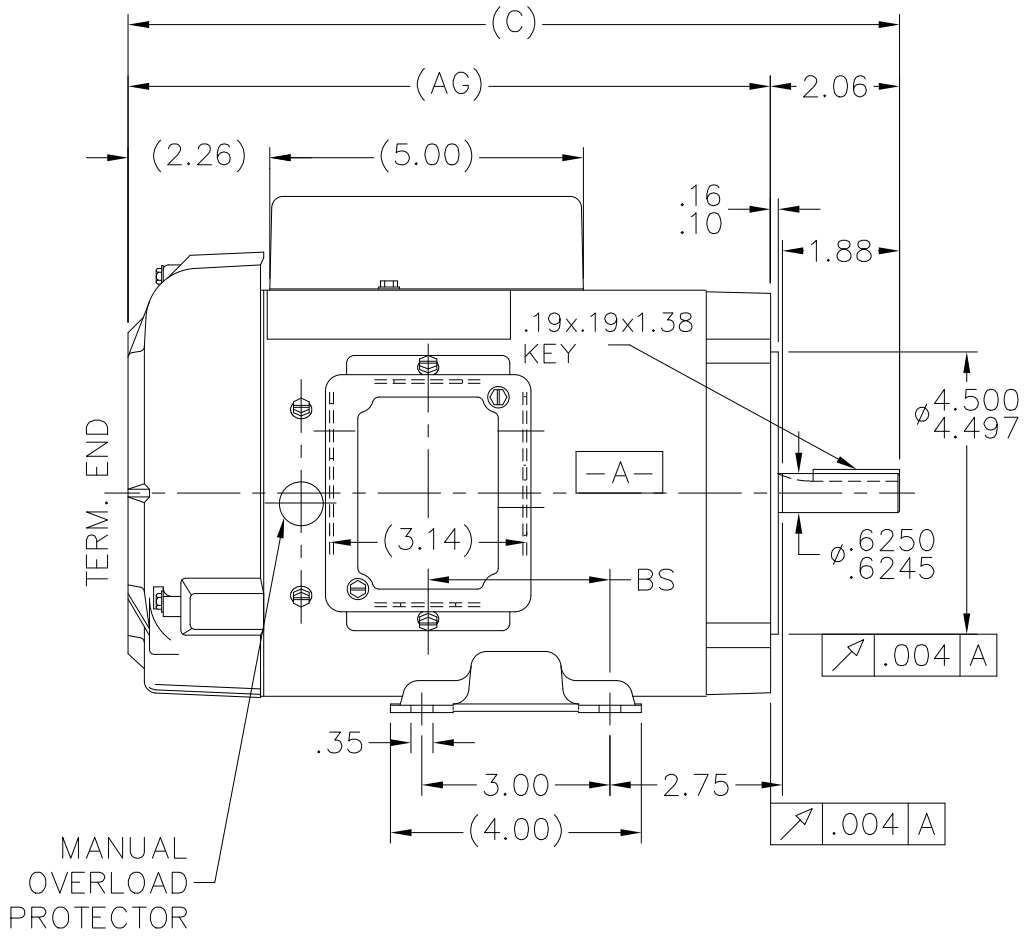


Nameplate Specifications

Phase	1	Output HP	1 & 0.75 Hp
Output KW	0.75 & 0.56 kW	Voltage	115/208-230 & 110/220 V
Speed	1725 & 1425 rpm	Service Factor	1.15 & 1.0
Frame	56C	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Manual	Efficiency	72 & 64 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	13.4/6.8-6.7 & 14.2/7.1 A	Power Factor	69.5
Duty	Continuous	Insulation Class	B
Design Code	N	KVA Code	J
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Capacitor Start Induction 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	12.82 in
Frame Length	7.56 in	Shaft Diameter	0.625 in
Shaft Extension	2.062 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	A-104462-756	Connection Drawing	102005-52



DASH	FRAME	C	AG	BS
656	56-65	11.82	9.75	2.40
706	56-70	12.32	10.25	2.90
756	56-75	12.82	10.75	3.40

NOTES:
 1. CONDUIT BOX CAN BE ROTATED 180°.
 2. NAMEPLATE READ FROM CONDUIT BOX SIDE.

NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED
5	CHG FROM MARATHON TO REGAL REXNORD LOGO	KVDG 05-15-2024	DS	DEC.	INCHES
4	REMOVED "PLUGGED" FROM DRAIN HOLE ISAAC 12-0555	WGJ 02-21-2012	DD	.X	±.1
3	REVISED DRAWING	RJW 04-03-2007		.XX	±.03
2	REDRAWN IN AUTOCAD	TAT 06-13-2005	ML	.XXX	±.005
1	NEW DRAWING MU20295	MRB 07-06-1998		.XXXX	±.0005
					±7'30"

Regal Rexnord Regal Beloit America, Inc.

TITLE OUTLINE
56 FR. - TEFC - C' FACE

MAT'L.

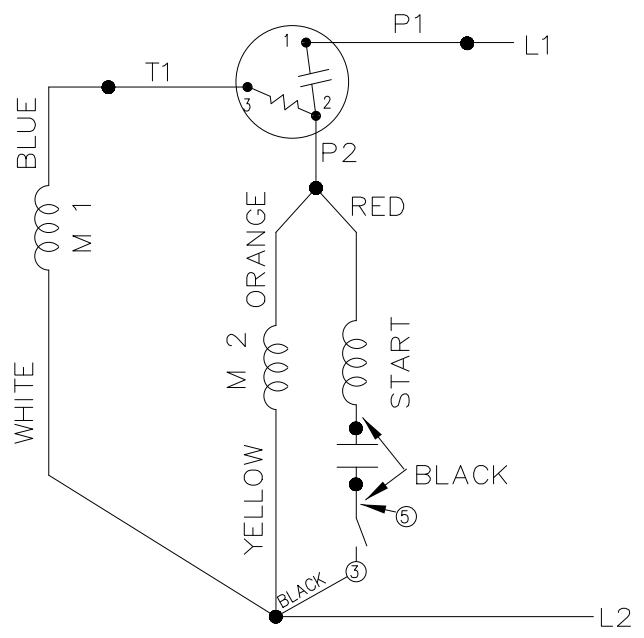
FINISH

DRAWN MRB 06-23-1998
CHK ML 07-06-1998
APPD JMB 07-06-1998
SCALE 5=16
REF
FMF
PREV

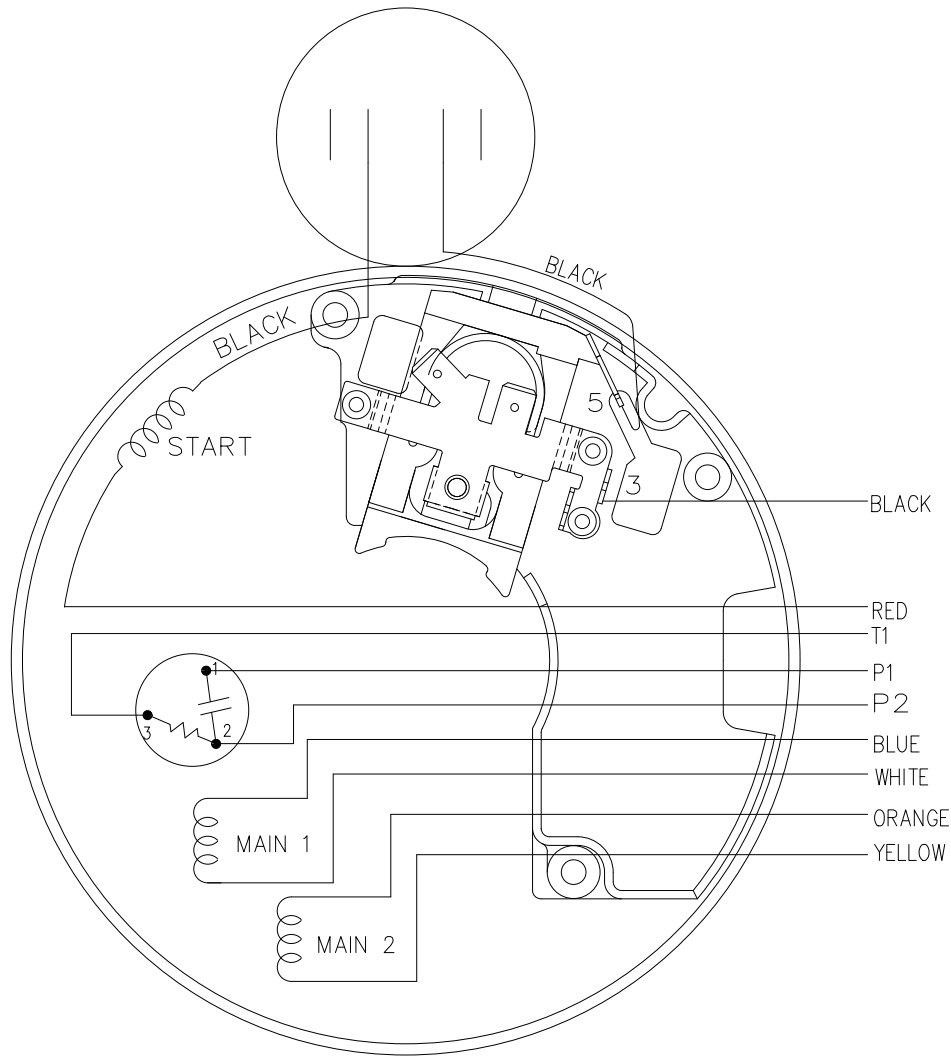
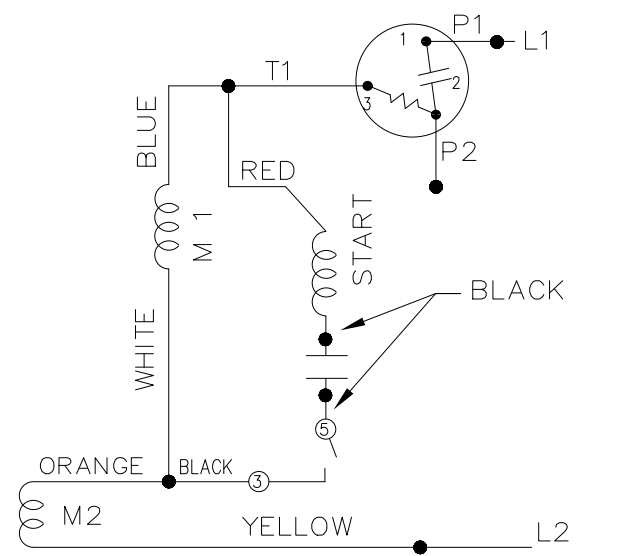
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RFP	CAD FILE 104462	SIZE A	DRAWING NO. 104462	PAGE OF	REV. 5
DIST WP					

LOW VOLTAGE - CCW

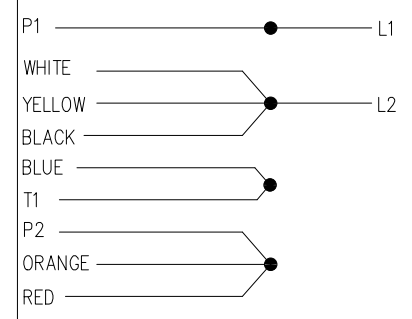


HIGH VOLTAGE - CCW

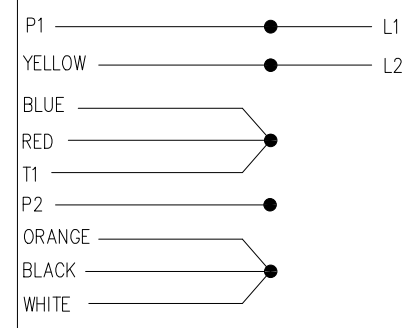


DUAL VOLTAGE
CAPACITOR START
OVERLOAD
SELECT ROTATION

LOW VOLT. CCW ROT.



HIGH VOLT. CCW ROT.



FOR CW ROTATION
EITHER VOLTAGE
INTERCHANGE RED
WITH BLACK

NO.	REVISION	BY & DATE	CHK	TOLERANCES UNLESS SPECIFIED		REGAL™ Regal Beloit America, Inc.	DRAWN BRH 02-29-1996				
				DEC.	INCHES						
				.X	±.1		CHK ML 03-06-1996				
7	UPDATED LOGO NMR-0212341	KB 01/12/2022	PVR	.XX	±.02	TITLE CONNECTION DIAGRAM	APPD GK 03-06-1996				
6	REISSUE	BRH 03-13-1996		.XXX	±.005		SCALE 5=8				
5	REDRAWN ON CADD	BRH 03-06-1996		.XXXX	±.0005	MAT'L.	REF				
				ANG	±7'30"	FINISH	FMF				
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						DIST WP					

CERTIFICATION DATA SHEET

Model#: 56C17F5914 E
CONN. DIAGRAM: 102005-52
OUTLINE: A-104462-756

WINDING#: ZC407 NONE 3
ASSEMBLY: F1 ONLY

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1&3/4	.75&.56	1800	1725&1425	56C	TEFC	J	N

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
1	60/50	115/208- 230#110/220	13.4/6.8- 6.7&14.2/7.1	ACROSS THE LINE	CONTINUOU S	B3	1.15/1.0	40	3300

FULL LOAD EFF: 72&64	3/4 LOAD EFF: 70	1/2 LOAD EFF: 64.3	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 69.5&56	3/4 LOAD PF: 60.5	1/2 LOAD PF: 49	0	CAP START IND RUN	8.8 / 4.4

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
48.3 LB-FT	69.4 / 34.7	145 LB-FT 0	122 LB-FT 0	75

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	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	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	MANUAL	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: PROVISIONS FOR KIT NONE
NONE P/N NONE
NONE NONE
NONE FT-LB NONE V NONE Hz

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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
60
1

Volts
HZ
HP

HP 1&0.5

PHASE 1

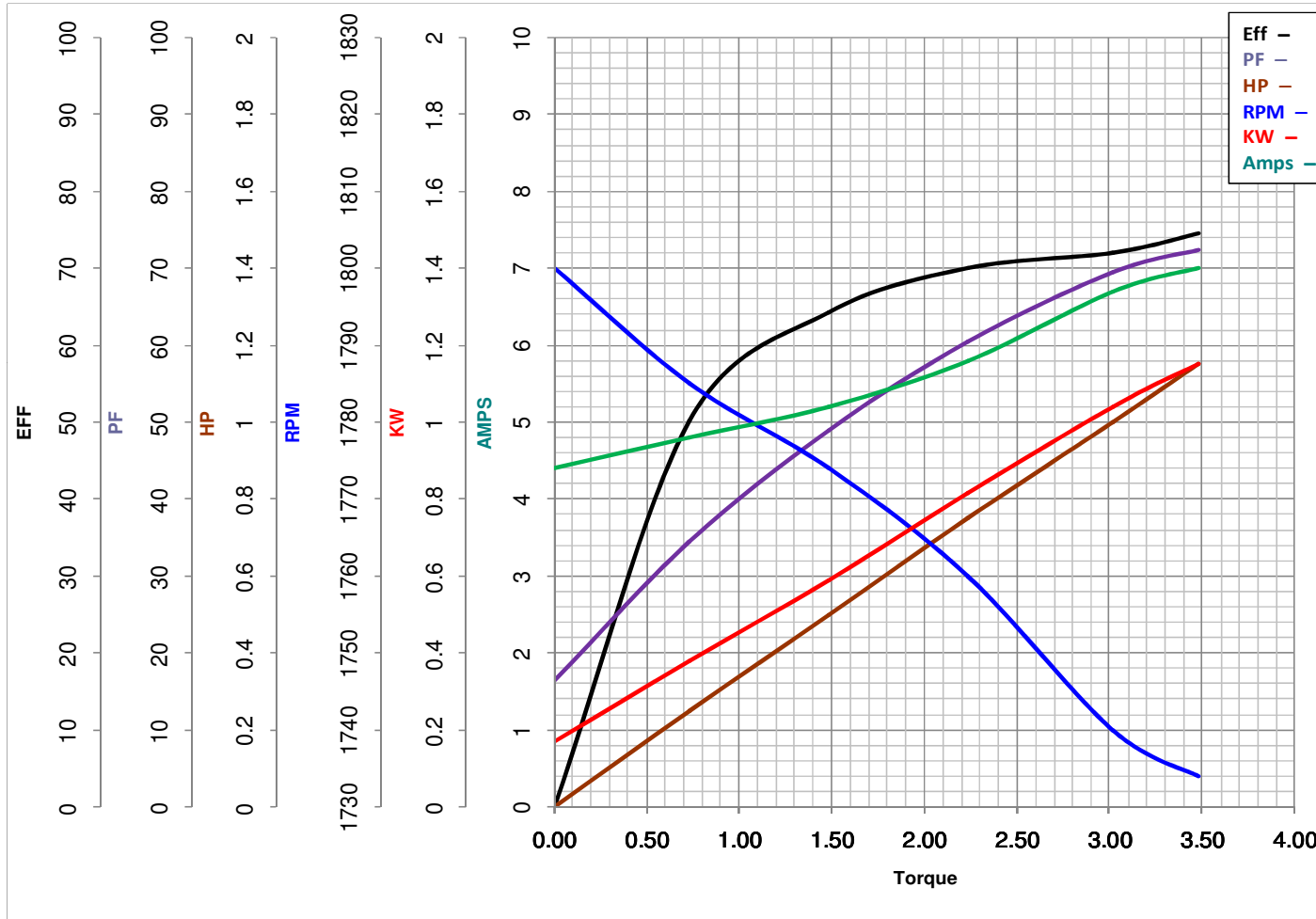
Model No 56C17F5914

VOLTS 115/208-230&110/220

Catalog No F134

HZ 60&50

RPM 1725&1425



Torque in Lb.Ft

FL TORQUE 3.019 Lb.Ft
BD TORQUE 7.6 Lb.Ft
LR TORQUE 8.906 Lb.Ft

FL AMPS 13.4/6.8-6.7
PU TORQUE 6.3 Lb.Ft
LR AMPS 34.7

WINDING ZC407-3

Date 1/10/2019