

PRODUCT INFORMATION PACKET



Model No: 056C17F5326

Catalog No: F103

General Purpose Farm Duty Motor, 0.75 HP, 1 Ph, 60 Hz, 115/208-230 V, 1800 RPM, 56 Frame, TEFC



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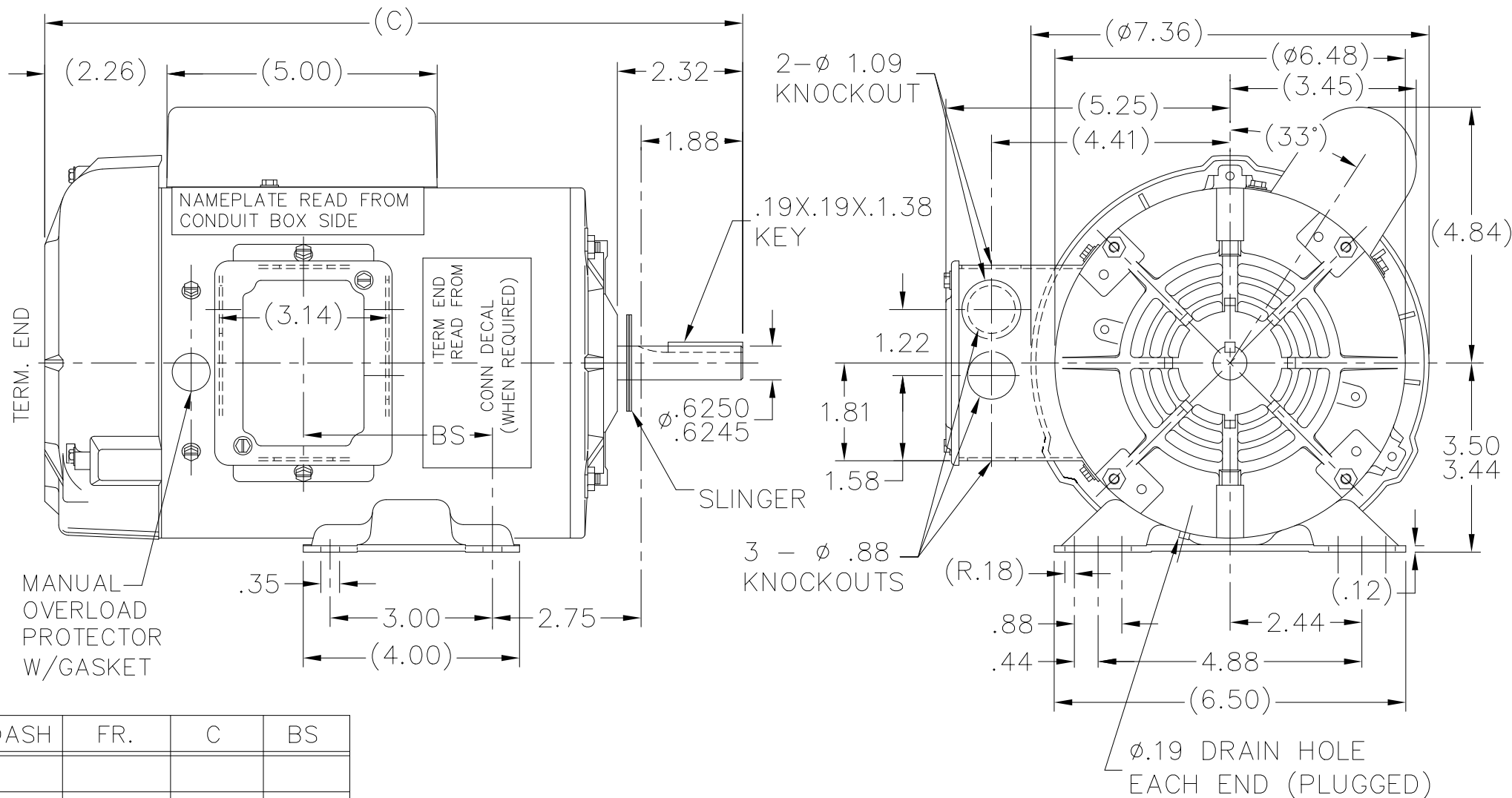


Nameplate Specifications

Phase	1	Output HP	0.75 Hp
Output KW	0.56 kW	Voltage	115/208-230 V
Speed	1725 rpm	Service Factor	1.15
Frame	56	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Manual	Efficiency	70.5 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	11.0/5.4-5.5 A	Power Factor	71
Duty	Continuous	Insulation Class	B
Design Code	L	KVA Code	L
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	T	Overall Length	12.32 in
Frame Length	7.06 in	Shaft Diameter	0.625 in
Shaft Extension	2.32 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	A-100137-706	Connection Drawing	A-102005-52



DASH	FR.	C	BS
656	56-65	11.82	2.40
706	56-70	12.32	2.90
756	56-75	12.82	3.40

DRAWING REVISION 5	REVISION BY SN	REV DATE/ 01/21/2022
REQUEST NUMBER NMR-0212466	APPROVED BY SN	DATE 01/21/2022

TOLERANCES (EXCEPT AS NOTED):			
DEC.	INCH	mm	ANGLE
.X	± 0.1	[± 3]	$\pm 0.5^\circ$
.XX	± 0.01	[± 0.3]	
.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:			
INCH 125 $\sqrt{\text{mm}}$ 3.2 $\sqrt{\text{mm}}$			
mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY			

DRAWN BY ML	DATE 01-11-1992
APPROVED BY GK	DATE 01-11-1992
REFERENCE	
THIRD ANGLE PROJECTION	

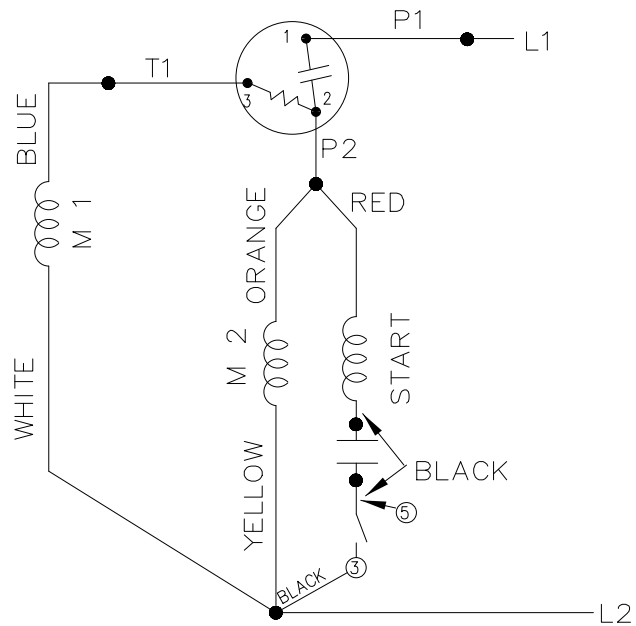
Regal Rexnord		Regal Beloit America, Inc.	
DESCRIPTION OUTLINE 56 FRAME - BB - TEFC		MATERIAL	
PROCESS/FINISH		SIZE 5	
DRAWING NUMBER 100137		SHEET 1 OF 1	

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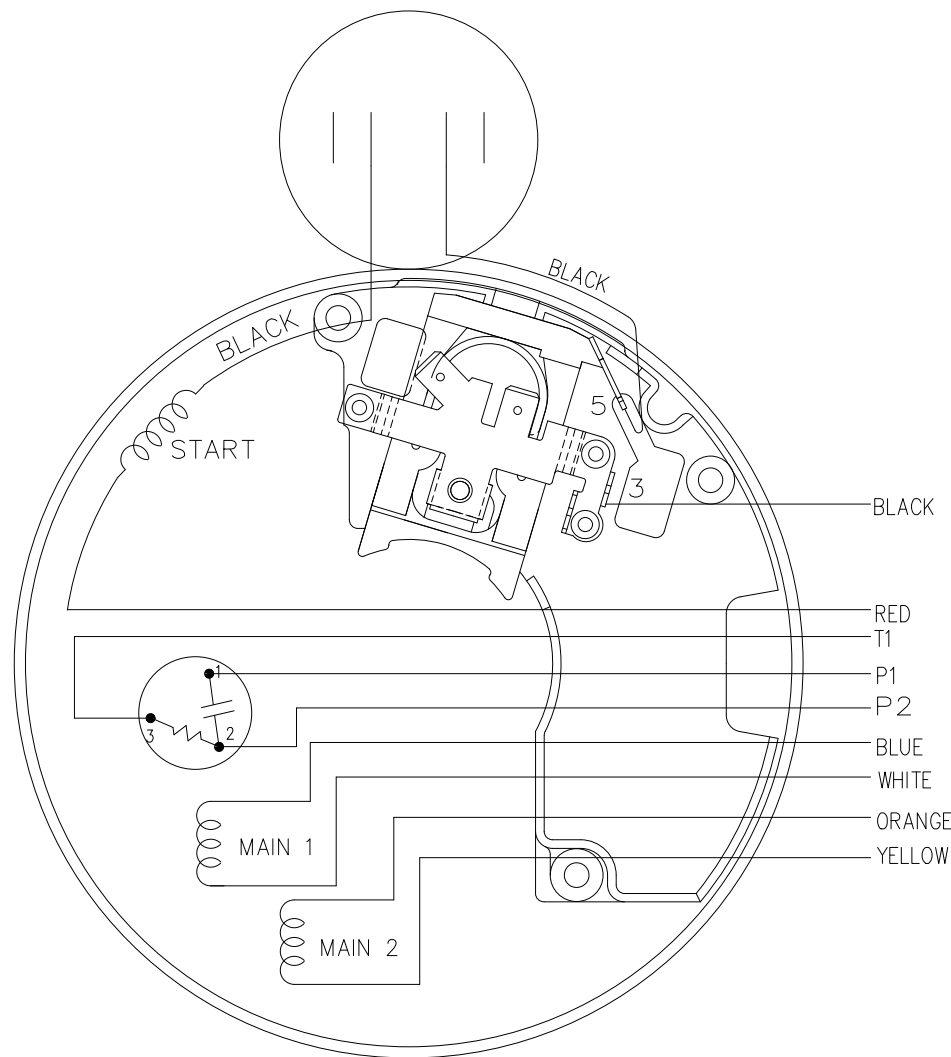
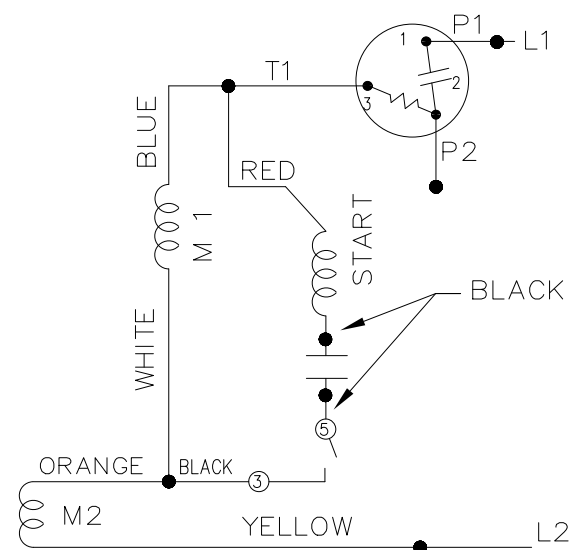
NEW TEMPLET CHANGED

LOW VOLTAGE — CCW

102005-52

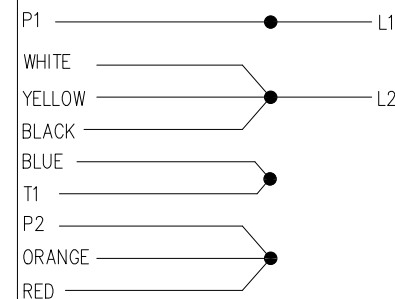


HIGH VOLTAGE — CCW

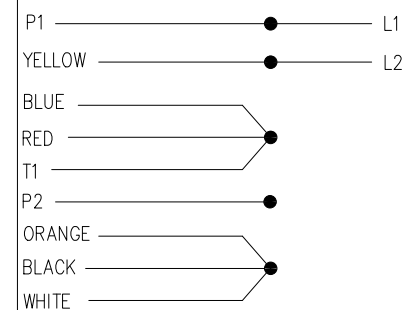


DUAL VOLTAGE
CAPACITOR START
OVERLOAD
SELECT ROTATION

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		TITLE	DRAWN BRH 02-29-1996
				DEC.	INCHES		
7	UPDATED LOGO NMR-0212341	KB 01/12/2022	PVR	.XX	±.02	TITLE CONNECTION DIAGRAM	CHK ML 03-06-1996
6	REISSUE	BRH 03-13-1996		.XXX	±.005		APPD GK 03-06-1996
5	REDRAWN ON CADD	BRH 03-06-1996		.XXXX	±.0005		SCALE 5=8
							REF
						MAT'L.	FMF
						FINISH	PREV
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				DIST WP			PAGE OF 7



Regal Beloit America, Inc.

CERTIFICATION DATA SHEET

Model#: 56C17F5326 H
 CONN. DIAGRAM: A-102005-52
 OUTLINE: A-100137-706

WINDING#: ZC469 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	TEFC	L	L

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
1	60	115/208-230	11/5.4-5.5	ACROSS THE LINE	CONTINUOUS	B3	1.15	40	3300

FULL LOAD EFF: 70.5	3/4 LOAD EFF: 69.4	1/2 LOAD EFF: 63.2	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 71	3/4 LOAD PF: 56.9	1/2 LOAD PF: 46.1	0	CAP START IND RUN	7.5 / 3.8

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
36 LB-FT	61 / 30.5	133 LB-FT 0	97.9 LB-FT 0	-

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	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						
6203	6203	POLYREX EM	T	NONE	NONE	1144 STRESSPROOF (C-223)	ROLLED STEEL

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

* N O T E S *	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: 06/27/2017 07:05:50 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

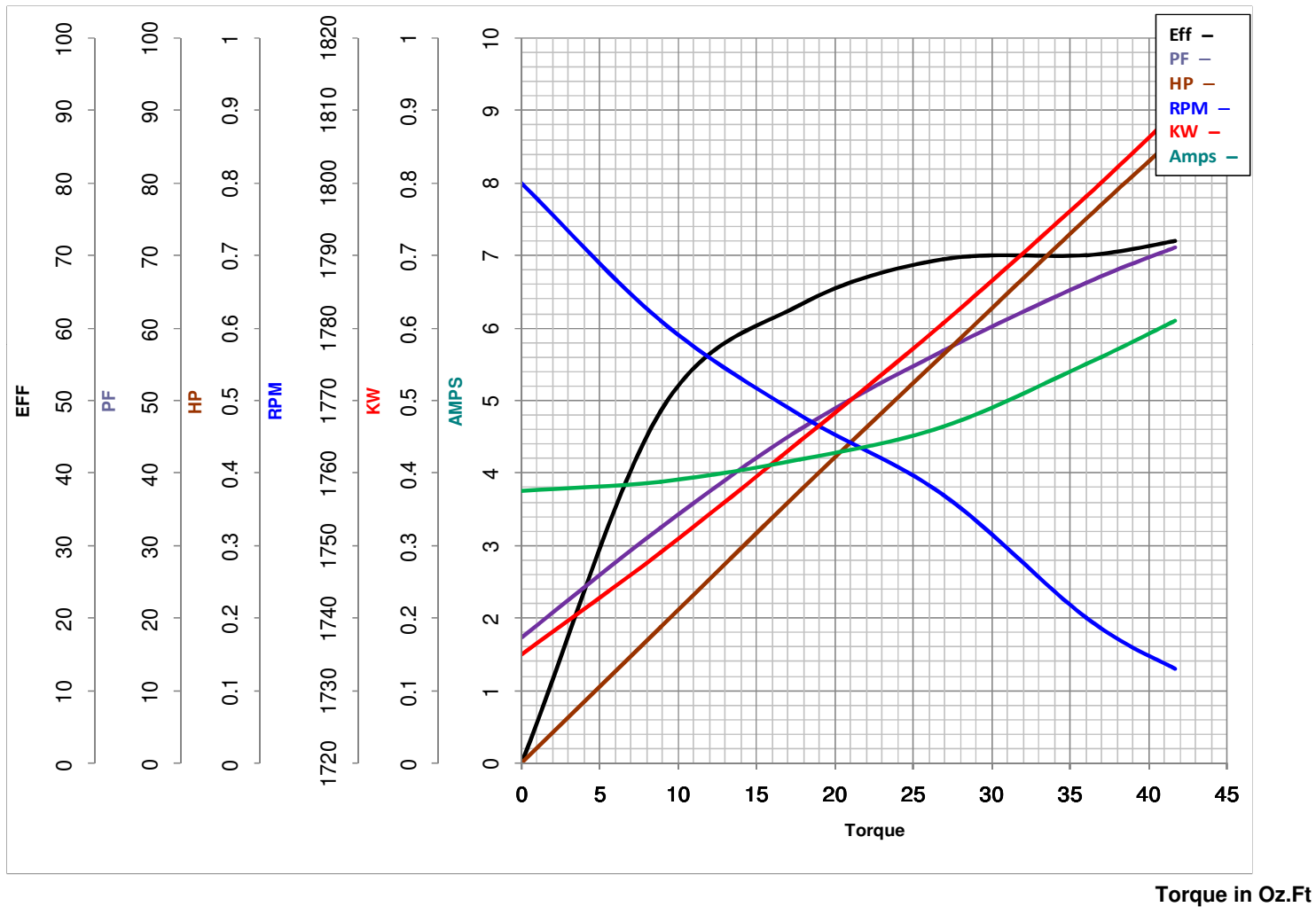
Volts

HP 0.75PHASE 1Model No 56C17F532660

HZ

0.75

HP

VOLTS 115/208-230Catalog No F103HZ 60RPM 1725

Torque in Oz.Ft

FL TORQUE 36 Oz.FtBD TORQUE 93.0 Oz.FtLR TORQUE 120 Oz.Ft

WINDING ZC469-3

FL AMPS 11/5.4-5.5PU TORQUE 94.7 Oz.FtLR AMPS 31

Date 1/9/2019