

PRODUCT INFORMATION PACKET



Model No: 056B17T5303

Catalog No: X912

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



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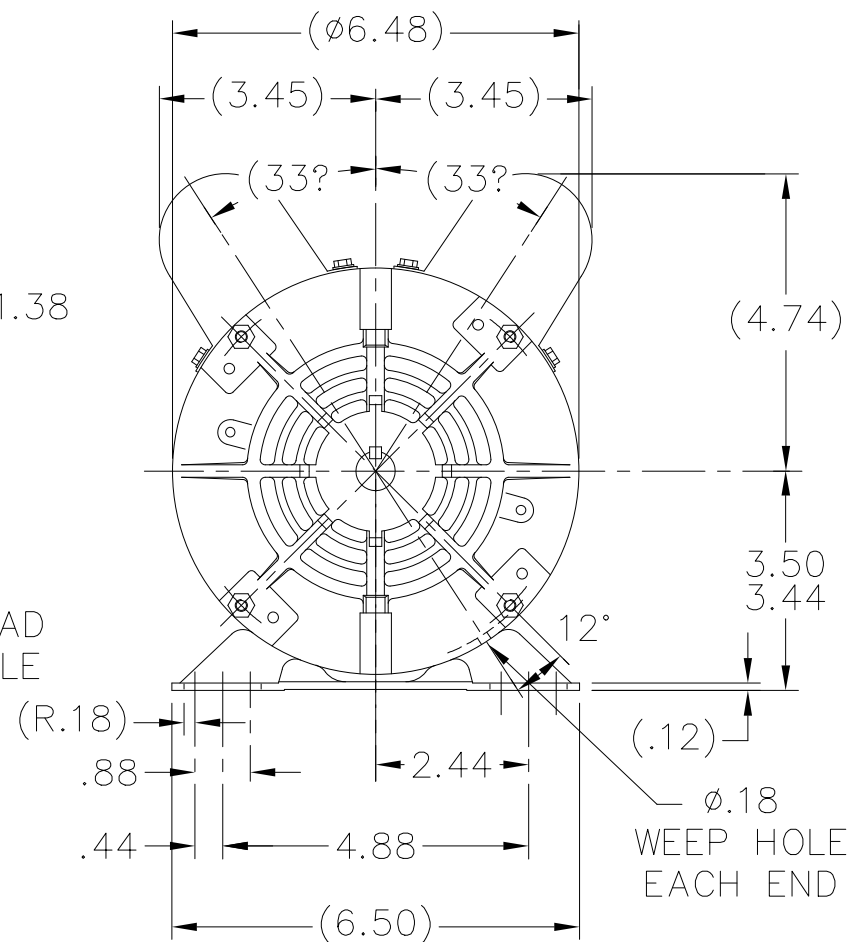
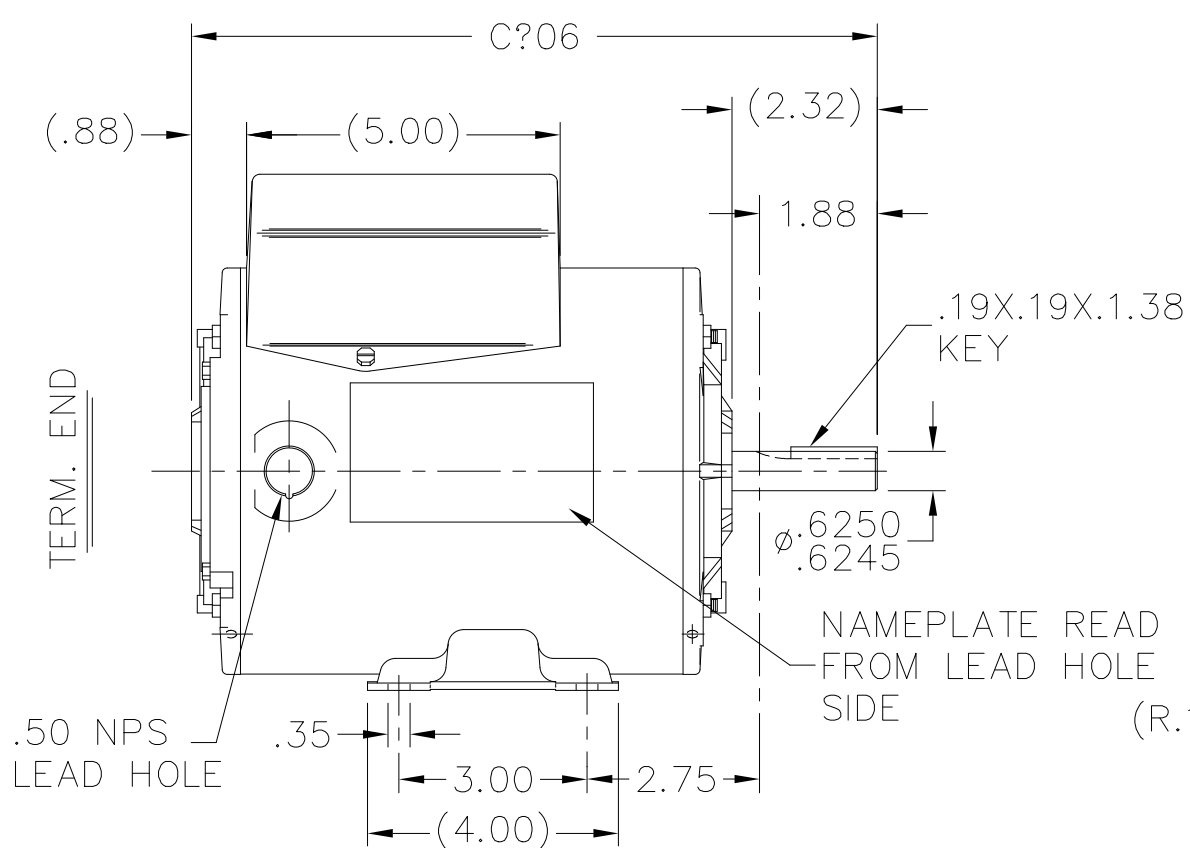


Nameplate Specifications

Phase	1	Output HP	1 & 1 Hp
Output KW	0.75 & 0.75 kW	Voltage	115/230 & 110/220 V
Speed	1725 & 1425 rpm	Service Factor	1.0 & 1.0
Frame	56	Enclosure	Totally Enclosed Non Ventilated
Thermal Protection	Automatic	Efficiency	81.1 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	9.2/4.6 & 12/6 A	Power Factor	86.2
Duty	Continuous	Insulation Class	B
Design Code	N	KVA Code	K
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N	IP Code	43
Number of Speeds	1		

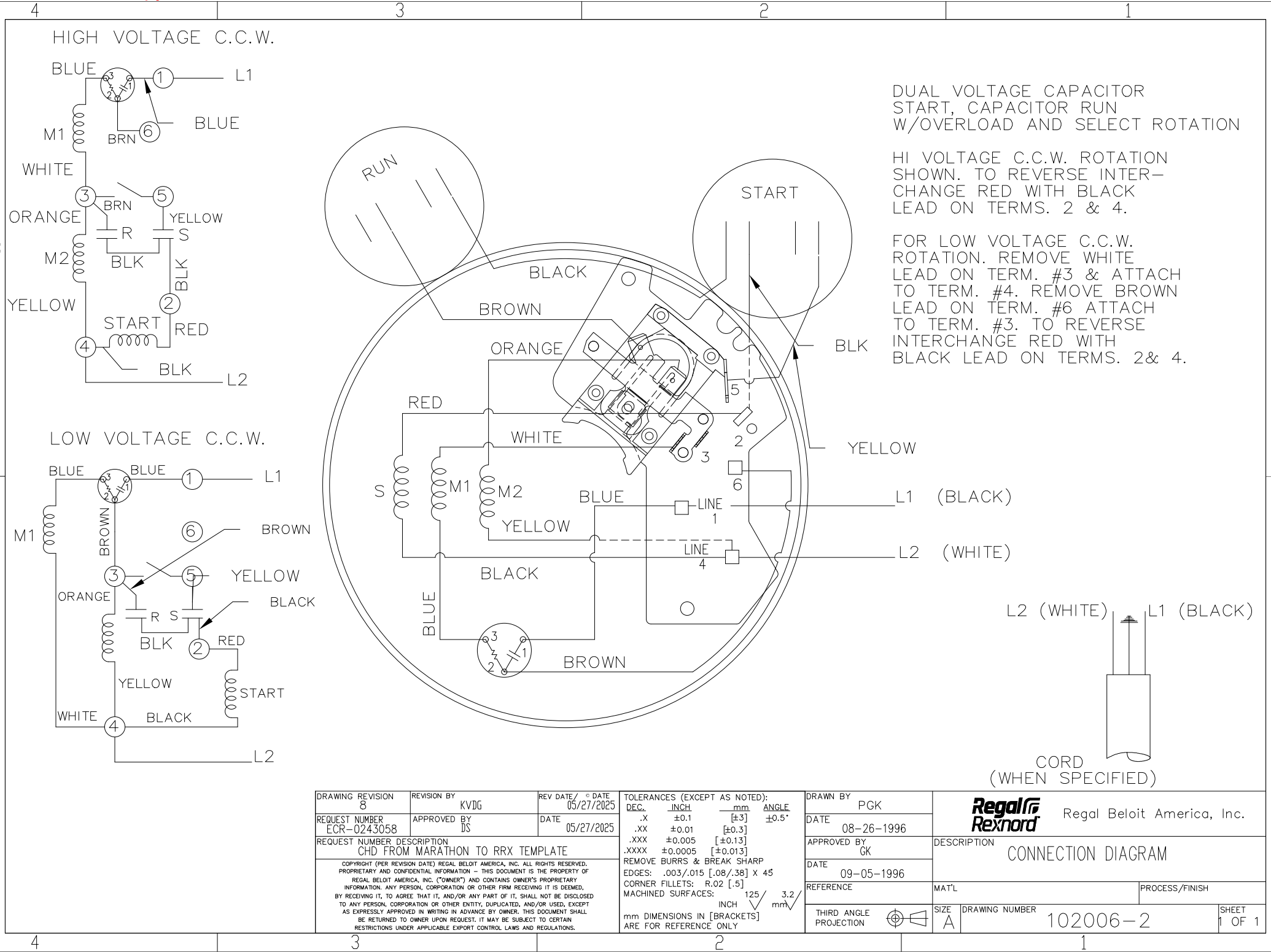
Technical Specifications

Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Mounting	Rigid Base	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	T
Overall Length	11.44 in	Frame Length	7.56 in
Shaft Diameter	0.625 in	Shaft Extension	2.32 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	A-100588-756	Connection Drawing	102006-2



DASH	FR.	C	DASH	FR.	C
			756	56-75	11.44
606	56-60	9.94	806	"-80	11.94
656	"-65	10.44	856	"-85	12.44
706	"-70	10.94			

				TOLERANCES UNLESS SPECIFIED		 Regal Beloit America, Inc.	DRAWN DA 03-12-1992			
				DEC.	INCHES		CHK	ML	03-12-1992	
4	CHG FROM MARATHON TO REGAL REXNORD LOGO	KVDG 05-10-2024	DS	.X	±.1	TITLE OUTLINE 56 FR. – TENV – BB	APPD	RJS	03-16-1992	
3	UPDATED DRAWING	RJW 03-28-2007		.XX	±.03		SCALE	5=16		
2	REDRAWN IN AUTOCAD	TAT 05-09-2005	ML	.XXX	±.005		REF			
1	NEW DRAWING	DA 03-16-1992		.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 100588			SIZE	DRAWING NO. PAGE OF	REV.
			DIST WP		3 of 6			A	100588	3



DRAWING REVISION 8	REVISION BY KVDG	REV DATE / © DATE 05/27/2025	TOLERANCES (EXCEPT AS NOTED): DEC. INCH mm ANGLE .X ±0.1 [±3] ±0.5° .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: 125 3.2 INCH mm	DRAWN BY PGK	 Regal Beloit America, Inc.		
REQUEST NUMBER ECR-0243058	APPROVED BY DS	DATE 05/27/2025		DATE 08-26-1996	DESCRIPTION CONNECTION DIAGRAM		
REQUEST NUMBER DESCRIPTION CHD FROM MARATHON TO RRX TEMPLATE				APPROVED BY GK			
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			mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY	REFERENCE	SIZE A	DRAWING NUMBER 102006-2	SHEET 1 OF 1
				THIRD ANGLE PROJECTION 			

CERTIFICATION DATA SHEET

Model#: 56B17T5303 E
 CONN. DIAGRAM: 102006-2
 OUTLINE: A-100588-756

WINDING#: ZB416 NONE 3
 ASSEMBLY: F1 ONLY

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1&1	.75&.75	1800	1725&1425	56	TENV	K	N

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
1	60/50	115/230#110/ 220	9.2/4.6&12/6	ACROSS THE LINE	CONTINUOU S	B3	1.0/1.0	40	3300

FULL LOAD EFF: 81.1	3/4 LOAD EFF: 79.8	1/2 LOAD EFF: 75	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 86.2	3/4 LOAD PF: 82	1/2 LOAD PF: 74	0	CAP START CAP RUN	3.9 / 2

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
47.8 LB-FT	73.2 / 36.6	117.8 LB-FT 0	129 LB-FT 0	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	- 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
STANDARD	STANDARD HUBLESS	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	AUT LCK RTR ONLY	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: 06/27/2017 06:11:00 AM
 FORM 3531 REV.3 02/07/99
 ** Subject to change without notice.



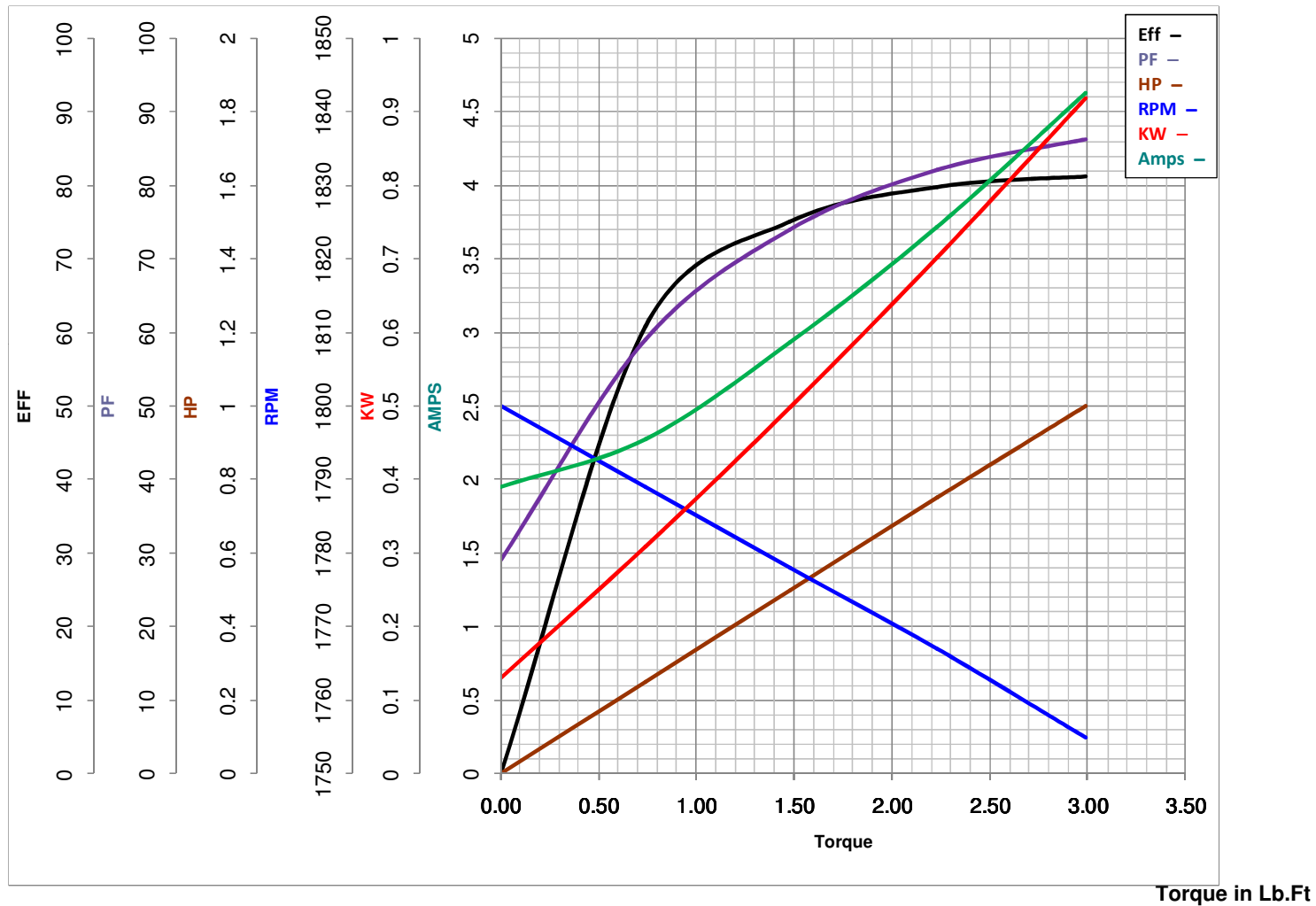
REGAL REXNORD CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer

Curve at

230
60
1

Volts
HZ
HP
HP 1.00PHASE 1Model No 56B17T5303VOLTS 115/230&110/220Catalog No X912HZ 60&50RPM 1725&1425

FL TORQUE 2.988 Lb.Ft
 BD TORQUE 8.1 Lb.Ft
 LR TORQUE 7.363 Lb.Ft

FL AMPS 9.2/4.6
 PU TORQUE 5.7 Lb.Ft
 LR AMPS 36.6

WINDING ZB416-3

Date 1/9/2019