

PRODUCT INFORMATION PACKET



Model No: 048A11T2023

Catalog No: X029

General Purpose Farm Duty Motor, 0.50 HP, 1 Ph, 60 Hz, 115/230 V, 1200 RPM, 48Y Frame, TEAO



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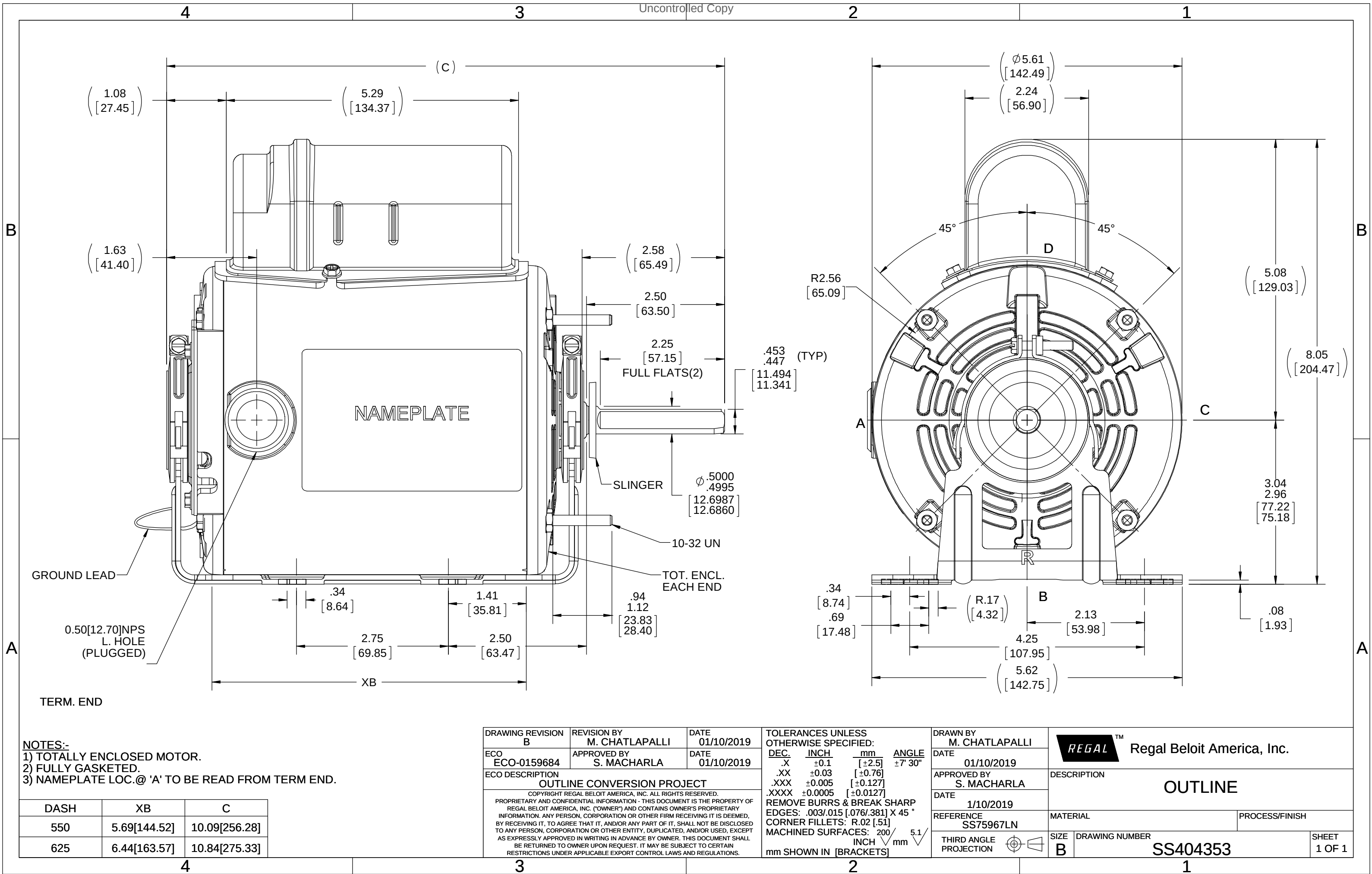


Nameplate Specifications

Phase	1	Output HP	0.50 Hp
Output KW	0.37 kW	Voltage	115/230 V
Speed	1075 rpm	Service Factor	1.0
Frame	48Y	Enclosure	Totally Enclosed Air Over
Thermal Protection	Automatic	Efficiency	68.3 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	6.4/3.2 A	Power Factor	78.5
Duty	Continuous	Insulation Class	B
Design Code	NO DESIGN CODE	KVA Code	D
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

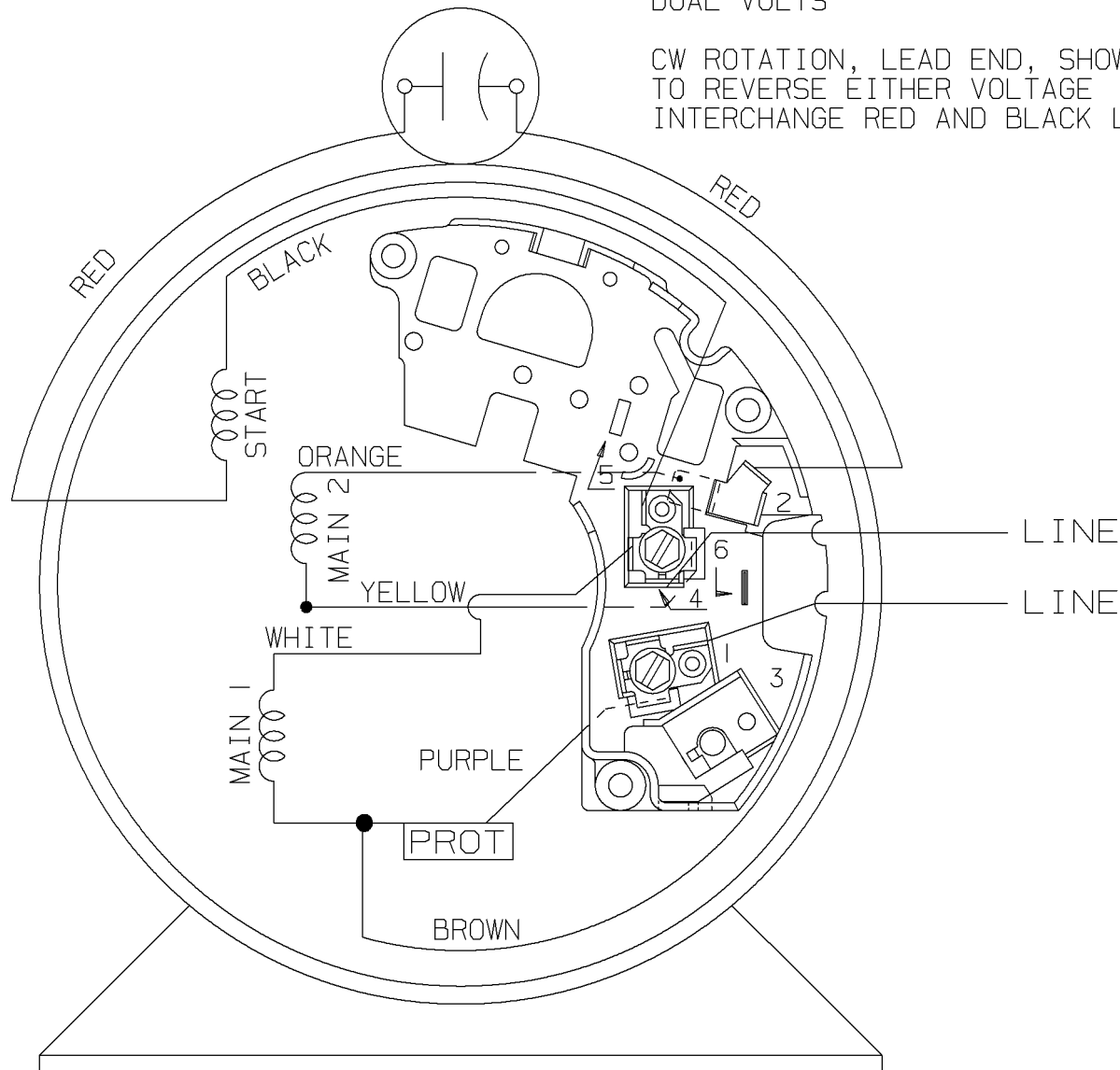
Electrical Type	Permanent Split Capacitor	Starting Method	Across The Line
Poles	6	Rotation	Selective Counterclockwise
Resistance Main	0 Ohms	Mounting	Resilient Base - Extended Studs
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Single Special Extension	Overall Length	10.84 in
Frame Length	6.25 in	Shaft Diameter	0.500 in
Shaft Extension	2.56 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	A-SS404353-625	Connection Drawing	A-EE9057AH



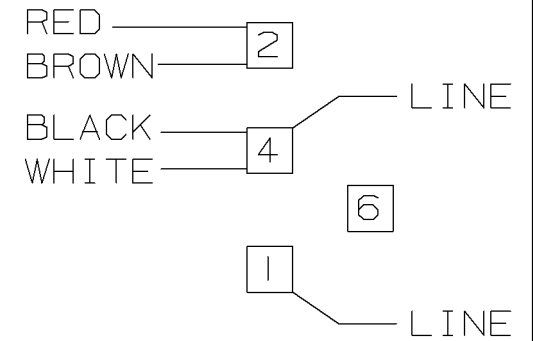
DUAL VOLTS

A- EE9057AH

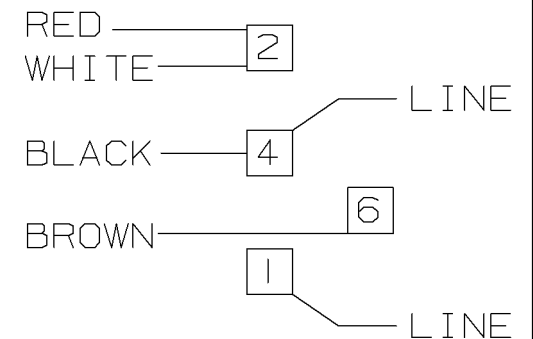
CW ROTATION, LEAD END, SHOWN
TO REVERSE EITHER VOLTAGE
INTERCHANGE RED AND BLACK LEADS.



LOW VOLTAGE



HIGH VOLTAGE



VIEW OF TERMINAL END

			✓ MAX. SURFACE ROUGHNESS UNLESS NOTED OTHERWISE	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL. ON XX± XXX±.005 XXXX±.0005 ANGLES±				
			MATL SPEC	Regal Beloit America, Inc.		DRAWN BY MH	04-03-1998	
2	05-09-2025	CHD FROM MARATHON TO REGAL REXNORD LOGO	KVDG			CHKD BY ML	04-06-1998	
1	04-17-1998	NEW DRAWING CN 23975-249	MH			APPD BY TOM	04-27-1998	
REV	DATE	CHANGE	NAME	PART NAME CONNECTION DIAGRAM			DRWG NO A- EE9057AH	

SHOP BOOK

PURCHASED

DISTRIBUTION - WA - LB - WP - LM - BR

CADD FILE NO.

EE9057AH

CERTIFICATION DATA SHEET

Model#: 48A11T2023 D
 CONN. DIAGRAM: A-EE9057AH
 OUTLINE: A-SS75967-625

WINDING#: PE4861752 NONE 3
 ASSEMBLY: F1 ONLY

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1/2	.37	1200	1075	48Y	TEAO	D	NO DESIGN CODE

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
1	60	115/230	6.4/3.2	ACROSS THE LINE	CONTINUOUS	B3	1.0	40	3300

FULL LOAD EFF: 68.3	3/4 LOAD EFF: -	1/2 LOAD EFF: -	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: -	3/4 LOAD PF: -	1/2 LOAD PF: -	-	PSC 1 SPEED	3.5 / 1.8

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
37.3 LB-FT	19.8 / 9.9	10.5 LB-FT -	65.9 LB-FT -	-

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
- dBA	- dBA	- LB-FT^2	- LB-FT^2	- SEC.	-	- LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RESILIENT BASE-EXTENDED STUDS	HORIZONTAL	FALSE	NONE	FALSE	NONE	GRAY (POWDER)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE						
BALL	BALL	MULTEMP SRL	SGL SPL EXT	0.500 x 2.50 IN SEF WITH 2.25 IN DOUBLE FULL FLAT	NONE	1144 STRESSPROOF (C-223)	ROLLED STEEL
6203	6203						

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

* N O T E S *	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 07:09:52 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

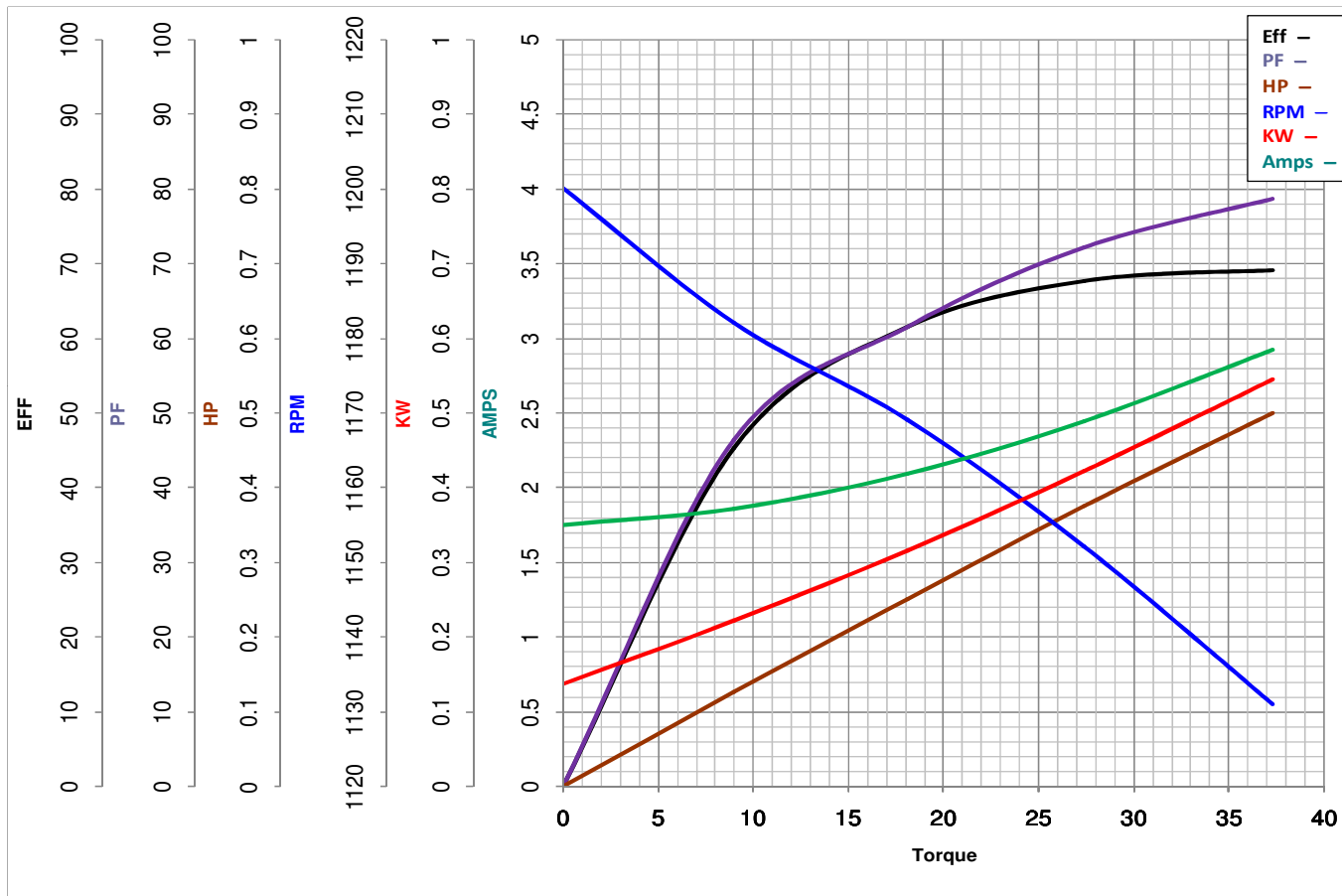
Volts

HP 0.50PHASE 1Model No 48A11T202360

HZ

VOLTS 115/2300.5

HP

Catalog No X029HZ 60RPM 1075

Torque in Oz.Ft

FL TORQUE 37.3 Oz.FtBD TORQUE 65.9 Oz.FtLR TORQUE 10.5 Oz.Ft

WINDING PE4861752-3

FL AMPS 6.4/3.2PU TORQUE 8.8 Oz.FtLR AMPS 9.9

Date 1/4/2019