

# PRODUCT INFORMATION PACKET



Model No: 113266.00

Catalog No: 113266.00

Pressure Washer Motor, 1.50 HP, 1 Ph, 60 Hz, 115/230 V, 1800 RPM, 56H Frame, DP

**Operational at 115/208-230 V @60HZ**



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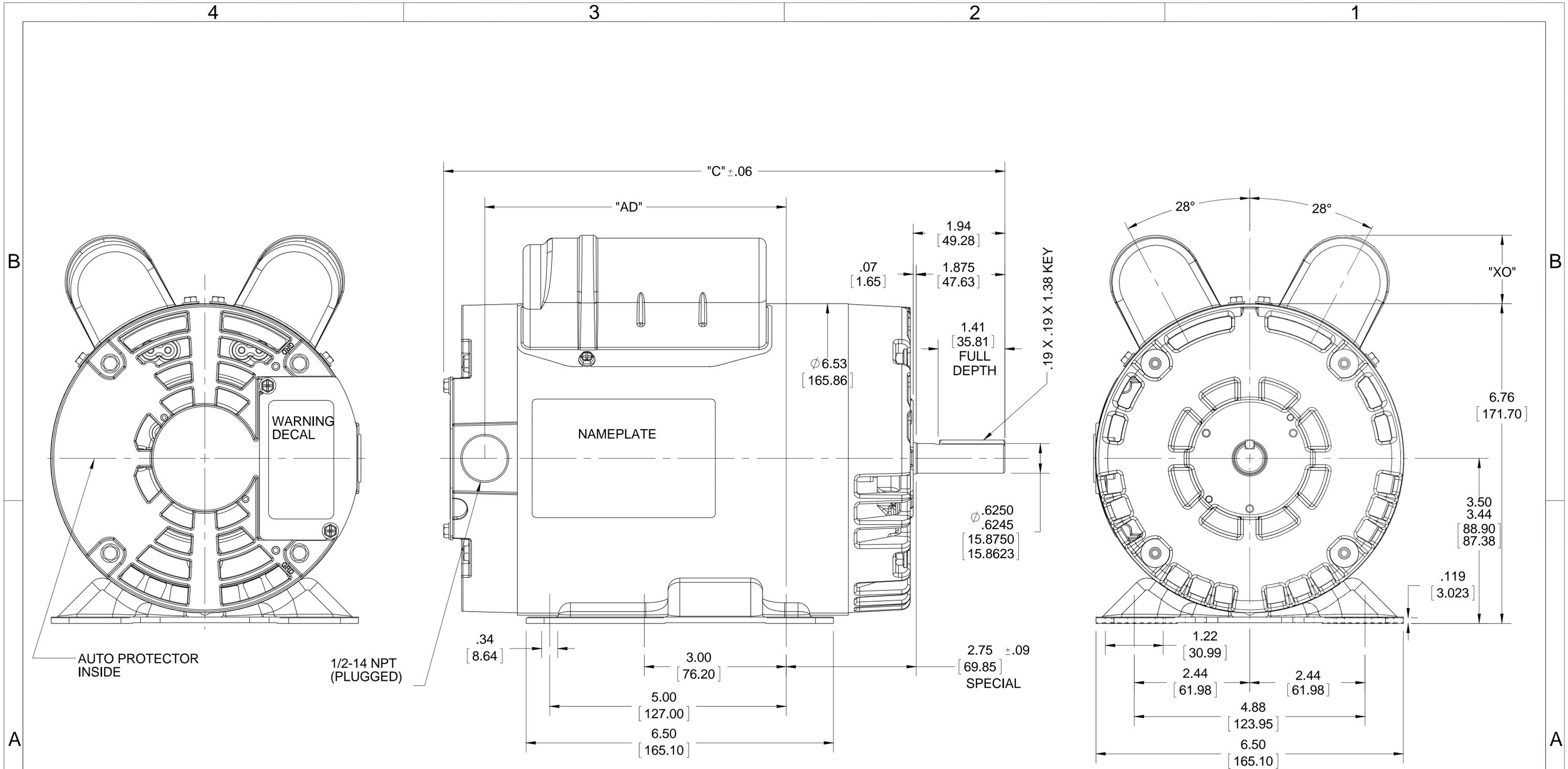


### Nameplate Specifications

Phase	1	Output HP	1.50 Hp
Output KW	1.1 kW	Voltage	115/230 V
Speed	1740 rpm	Service Factor	1.15
Frame	56H	Enclosure	Drip Proof
Thermal Protection	Manual	Efficiency	81.5 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	13.4/6.7 A	Power Factor	89
Duty	Continuous	Insulation Class	B
Design Code	NO DESIGN CODE	KVA Code	H
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N	IP Code	22
Number of Speeds	1		

### Technical Specifications

Electrical Type	Capacitor Start Capacitor 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	12.37 in
Frame Length	7.50 in	Shaft Diameter	0.625 in
Shaft Extension	1.88 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	005053.01	Outline Drawing	607-0268-750B



DASH	"C"	"AD"	CAP. DASH	"XO"
500	9.87	4.38		
550	10.37	4.88		
600	10.87	5.38		
650	11.37	5.88		
700	11.87	6.38	A	1.15
750	12.37	6.88	B	1.60
800	12.87	7.38	C	1.82

ORACLE PART REV.  
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DRAWING REVISION B	REVISION BY PK	DATE 10/17/2016
ECO ECO-0110587	APPROVED BY PK	DATE 10/17/2016
ECO DESCRIPTION <b>NEW DRAWING- RE RELEASED</b>		
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TOLERANCES UNLESS OTHERWISE SPECIFIED:

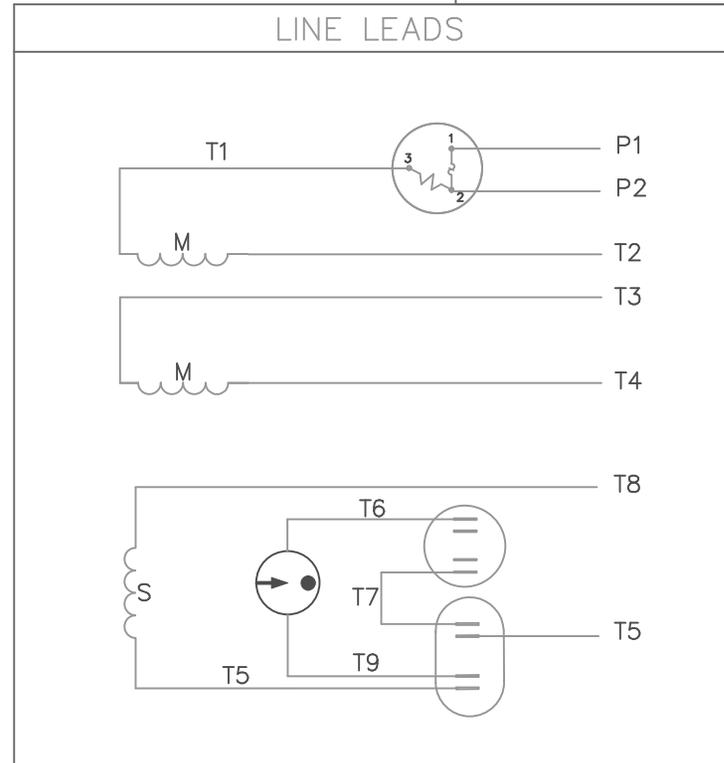
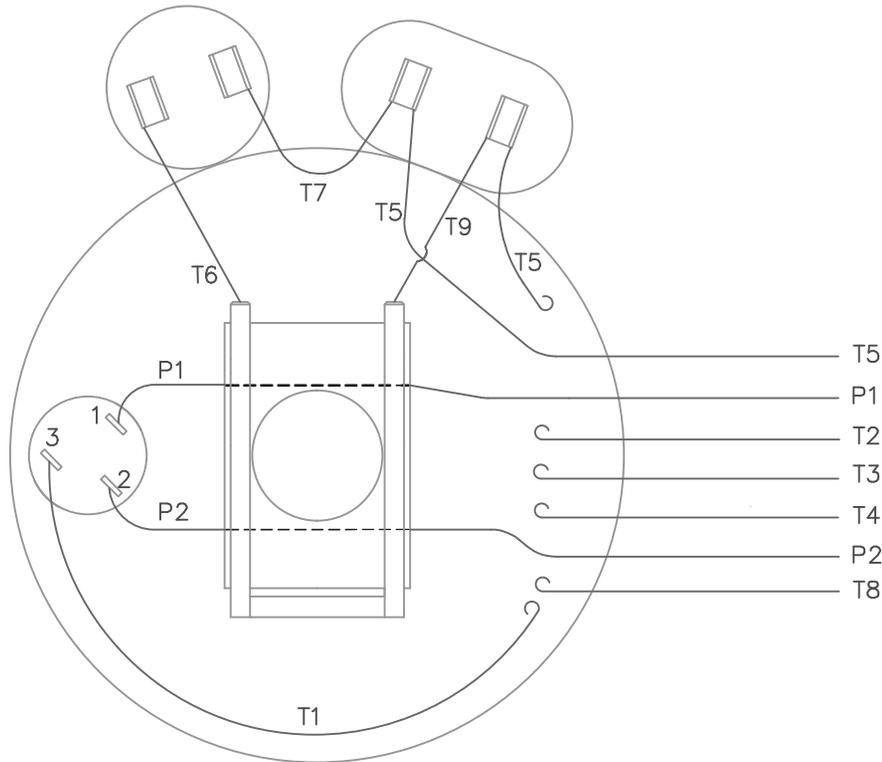
DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±0.5°
.XX	±0.03	[±0.76]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	

REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [0.076/.381] X 45°  
CORNER FILLETS: R.02 [.51]  
MACHINED SURFACES: 125 INCH 3.2 mm

DRAWN BY PK	DATE 10/14/2016
APPROVED BY PK	DATE 10/14/2016
REFERENCE 032501.00	THIRD ANGLE PROJECTION

<b>REGAL</b> ™ Regal Beloit America, Inc.	
DESCRIPTION <b>OUTLINE</b> DRIP PROOF - RIGID 56Y FRAME	
MATERIAL	PROCESS/FINISH
SIZE <b>B</b>	DRAWING NUMBER <b>607-0268</b>
	SHEET 1 OF 1

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



	ROTATION FACING LEAD END	L1	L2	JOIN	INSULATE SEPARATELY
HIGH VOLT	C.C.W.	P1	T4 T5	T2, T3 T8	P2
	C.W.	P1	T4 T8	T2, T3 T5	P2
LOW VOLT	C.C.W.	P1	T2, T4 T5	P2, T3 T8	---
	C.W.	P1	T2, T4 T8	P2, T3 T5	---

				TOLERANCES UNLESS OTHERWISE SPECIFIED	
				DECIMALS	
				.00	± .01
				.000	± .005
18	REDRAWN ON CAD	DBT	05/27/97	.0000	± .0005
NO.	REVISION	BY	DATE	FRACTIONS	± 1/64
				ANGLES	± 1/2°
				INCH/MM	

**LEESON** ELECTRIC CORPORATION

DRAWN JRW 09/26/74 TITLE EXTERNAL WIRING DIAGRAM  
CH'K'D. TYPE "K" W/PROTECTOR

APPR. TEM MAT'L. DECAL 004011 **BRF**

SCALE 1=1 REF. 005004 FINISH SIZE A DRAWING NO. 005053-01

FMF W-K 6341

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CERTIFICATION DATA SHEET

CATALOG #: 113266.00

CONN. DIAGRAM: 005053.01

OUTLINE: 607-0268-750B

WINDING #: K634315 DR 3 A

MOUNTING: F1 ONLY

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1 1/2	1.12	1800	1740	56H	DP	H	NO DESIGN CODE

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
1	60	115/208-230	13.4/6.7	ACROSS THE LINE	CONTINUOUS	B4	1.15	40

FULL LOAD EFF:	81.5	3/4 LOAD EFF:	80.3	1/2 LOAD EFF:	74.9	GTD. EFF		ELEC. TYPE	
FULL LOAD PF:	89	3/4 LOAD PF:	84.5	1/2 LOAD PF:	77.1	78.5		CAP START CAP RUN	

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
4.5 LB-FT	92 / 46	12.46 LB-FT 0 %	11 LB-FT 0 %	68.8

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
0 dBA	10 dBA	0.14 LB-FT^2	0 LB-FT^2	10 SEC.	0	45 LBS.

\*\*\* SUPPLEMENTAL INFORMATION \*\*\*

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RIGID	HORIZONTAL	FALSE	NONE	FALSE	NONE	BLUE - LEESON (ENAMEL)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	ODE						
BALL	BALL	POLYREX EM	STANDARD 56	NONE	NONE	1144 STRESSPROOF (C-223)	ROLLED STEEL
6203	6203						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	MANUAL	NONE	NONE	NONE	FALSE	NONE VOLTS

* N O T E S	<b>INVERTER TORQUE:</b> NONE <b>INV. HP SPEED RANGE:</b> NONE
	<b>ENCODER:</b> NONE NONE NONE NONE NONE PPR
	<b>BRAKE:</b> NONE NONE NONE P/N NONE NONE NONE NONE FT-LB NONE V NONE Hz



**LEESON ELECTRIC CORPORATION**  
 TYPICAL PERFORMANCE CURVE for AC MOTOR

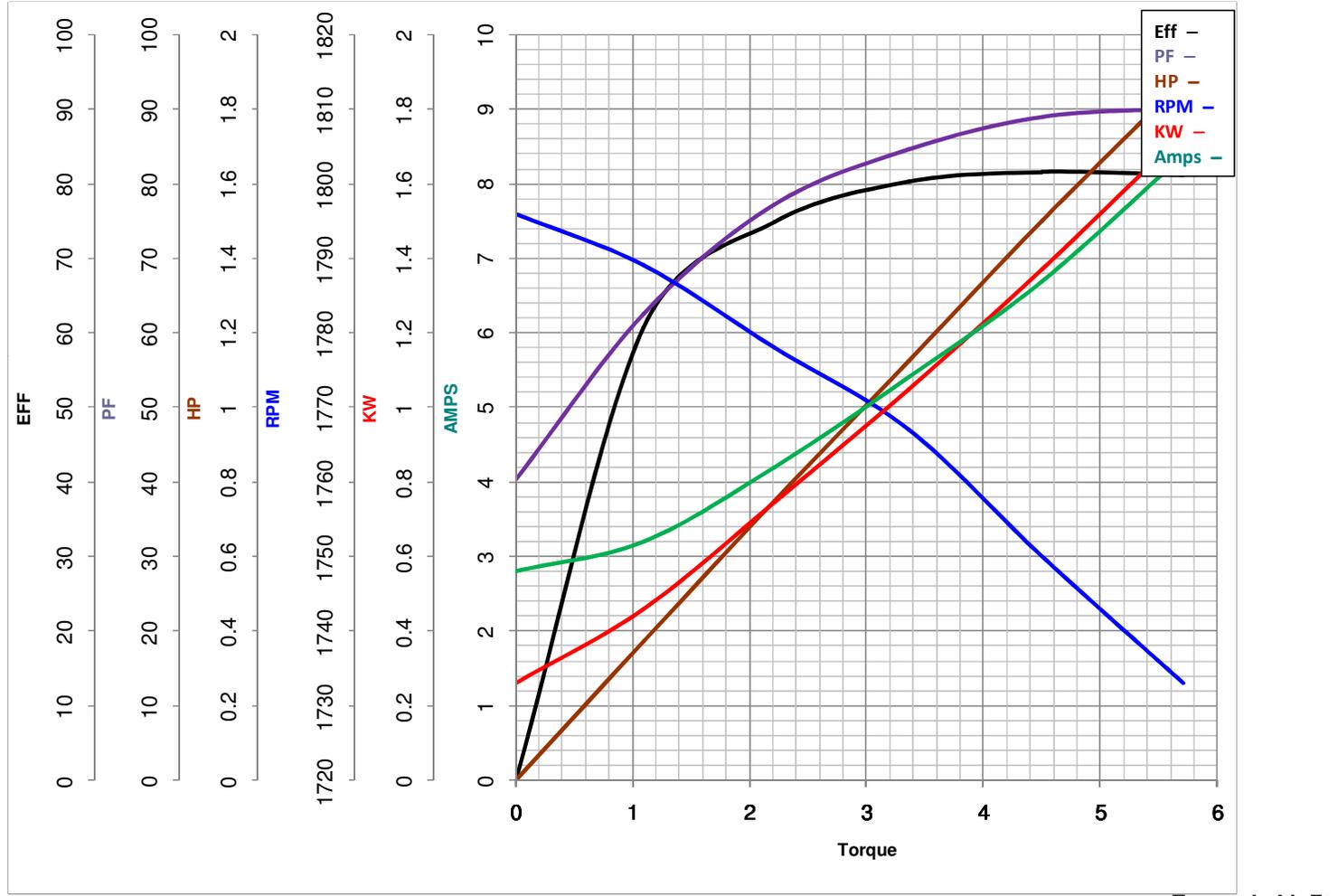
Curve at 230 Volts      HP 1.50      PHASE 1  
60 HZ  
1.5 HP      VOLTS 115/208-230

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HZ 60

RPM 1740



Torque in Lb.Ft

FL TORQUE 4.5 Lb.Ft  
 BD TORQUE 11.0 Lb.Ft  
 LR TORQUE 12.46 Lb.Ft

FL AMPS 13.4/6.7  
 PU TORQUE 9.3 Lb.Ft  
 LR AMPS 46

WINDING K634315-3

Date 3/14/2018