

PRODUCT INFORMATION PACKET



Model No: 114311.00

Catalog No: 114311.00

White Duck™ General Purpose Motor, 0.33 HP, 1 Ph, 60 Hz, 115/230 V, 1800 RPM, 56C Frame, TEFC

Operational at 115/208-230 V @60HZ



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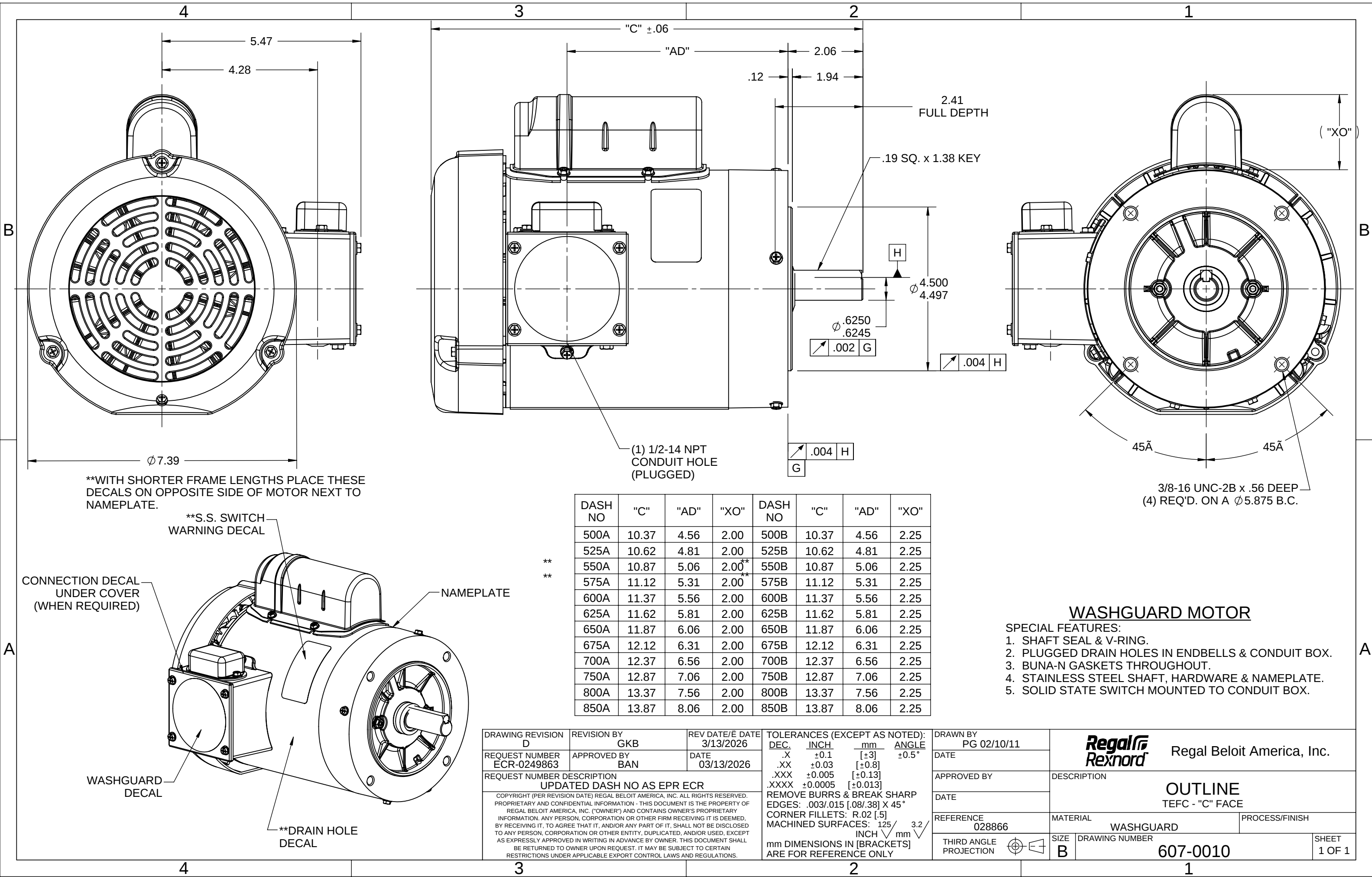


Nameplate Specifications

Phase	1	Output HP	0.33 Hp
Output KW	0.25 kW	Voltage	115/230 V
Speed	1725 rpm	Service Factor	1.15
Frame	56C	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	62 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	6.4/3.2 A	Power Factor	55
Duty	Continuous	Insulation Class	F
Design Code	N	KVA Code	M
Drive End Bearing Size	6205	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N	IP Code	55
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	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 56	Overall Length	10.37 in
Frame Length	4.50 in	Shaft Diameter	0.625 in
Shaft Extension	1.88 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	607-0010-500A	Connection Drawing	005278.07



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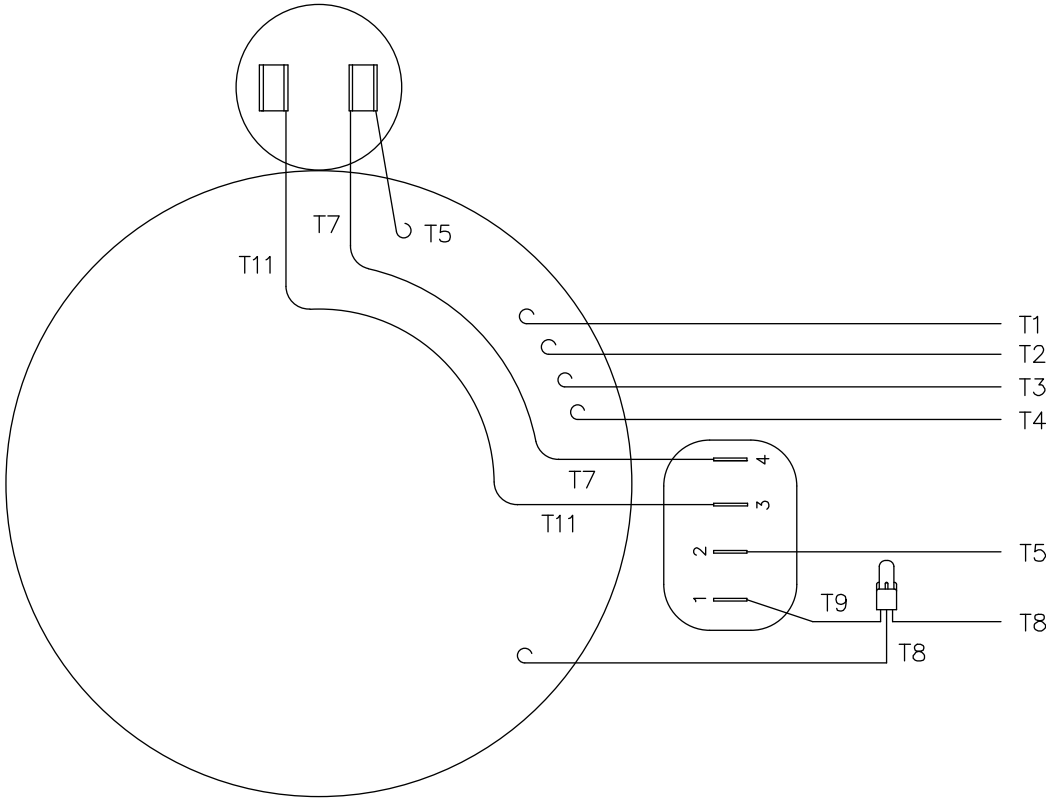
DASH NO	"C"	"AD"	"XO"	DASH NO	"C"	"AD"	"XO"
500A	10.37	4.56	2.00	500B	10.37	4.56	2.25
525A	10.62	4.81	2.00	525B	10.62	4.81	2.25
550A	10.87	5.06	2.00**	550B	10.87	5.06	2.25
575A	11.12	5.31	2.00**	575B	11.12	5.31	2.25
600A	11.37	5.56	2.00	600B	11.37	5.56	2.25
625A	11.62	5.81	2.00	625B	11.62	5.81	2.25
650A	11.87	6.06	2.00	650B	11.87	6.06	2.25
675A	12.12	6.31	2.00	675B	12.12	6.31	2.25
700A	12.37	6.56	2.00	700B	12.37	6.56	2.25
750A	12.87	7.06	2.00	750B	12.87	7.06	2.25
800A	13.37	7.56	2.00	800B	13.37	7.56	2.25
850A	13.87	8.06	2.00	850B	13.87	8.06	2.25

DRAWING REVISION D	REVISION BY GKB	REV DATE/Ë DATE 3/13/2026	TOLERANCES (EXCEPT AS NOTED): DEC. INCH mm ANGLE .X ± 0.1 [± 3] $\pm 0.5^\circ$.XX ± 0.03 [± 0.8] .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: $\frac{125}{\text{INCH}} \sqrt{\text{mm}} \frac{3.2}{\text{mm}}$ DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY		DRAWN BY PG 02/10/11	 Regal Beloit America, Inc.	
REQUEST NUMBER ECR-0249863	APPROVED BY BAN	DATE 03/13/2026			DATE		
REQUEST NUMBER DESCRIPTION UPDATED DASH NO AS EPR ECR					APPROVED BY	DESCRIPTION	
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					REFERENCE 028866	MATERIAL WASHGUARD	PROCESS/FINISH
					THIRD ANGLE PROJECTION 	SIZE B	DRAWING NUMBER 607-0010
							SHEET 1 OF 1

WASHGUARD MOTOR

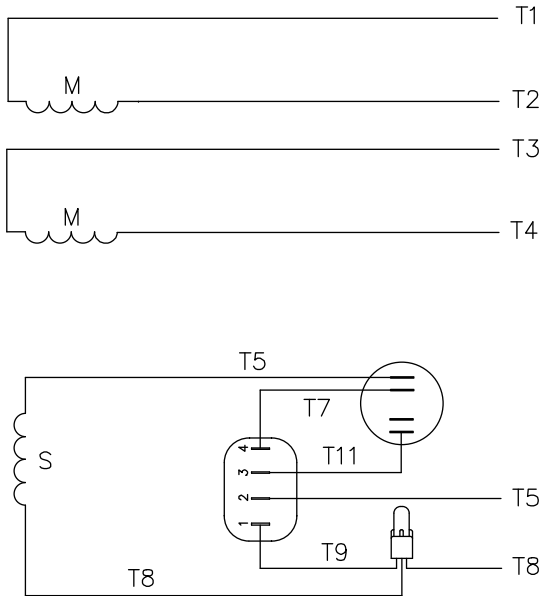
SPECIAL FEATURES:

1. SHAFT SEAL & V-RING.
2. PLUGGED DRAIN HOLES IN ENDBELLS & CONDUIT BOX.
3. BUNA-N GASKETS THROUGHOUT.
4. STAINLESS STEEL SHAFT, HARDWARE & NAMEPLATE.
5. SOLID STATE SWITCH MOUNTED TO CONDUIT BOX.



VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.

LINE LEADS



	ROTATION FACING LEAD END	L1	L2	JOIN & INSULATE
HIGH VOLT	C.C.W.	T1	T4 T5	T2,T3 T8
	C.W.	T1	T4 T8	T2,T3 T5
LOW VOLT	C.C.W.	T1,T3 T8	T2,T4 T5	
	C.W.	T1,T3 T5	T2,T4 T8	

TOLERANCES UNLESS
OTHERWISE SPECIFIED

DECIMALS

.00 ± .01

.000 ± .005

.0000 ± .0005

FRACTIONS ± 1/64

ANGLES ± 1/2°

INCH/MM

LEESON ELECTRIC CORPORATION

DRAWN RSK 07/21/98

CH'K'D.

APPR.

SCALE 1=1

REF. 005278-01

FMF 131571

TITLE
EXTERNAL WIRING DIAGRAM
TYPE "C" W/O PROTECTOR

MAT'L.
DECAL - 004012
STOCK MOTORS TO USE DECAL 214-0122-001

FINISH

STANDARD

SIZE

A

DRAWING NO.

005278-07

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CERTIFICATION DATA SHEET

1051 CHEYENNE AVE.
GRAFTON, WI 53024
PH. 262-377-8810

CONN. DIAGRAM: 005278.07

CATALOG #: 114311.00

OUTLINE: 607-0010-450A

MOUNTING: F1 ONLY

WINDING #: C634260 FR 3 A

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1/3	0.25	1800	1725	56C	TEFC	M	N

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
1	60	115/208-230	6.4/3.4-3.2	ACROSS THE LINE	CONTINUOUS	F4	1.15	40

FULL LOAD EFF:	62	3/4 LOAD EFF:	57.3	1/2 LOAD EFF:	47.4	GTD. EFF	ELEC. TYPE
FULL LOAD PF:	55	3/4 LOAD PF:	49	1/2 LOAD PF:	41.5	57.5	CAP START IND RUN

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
16 OZ-FT	30.8 / 15.4	60.5 OZ-FT 378 %	49.6 OZ-FT 310 %	61

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
53 dBA	63 dBA	0.05 LB-FT^2	0 LB-FT^2	10 SEC.	0	26 LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	STANDARD	ROUND	HORIZONTAL	FALSE	NONE	FALSE	NONE	WHITE - LEESON (EPOXY)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	ODE						
BALL	BALL	POLYREX EM	STANDARD 56	NONE	NONE	303 STAINLESS (C-501)	ROLLED STEEL
6205	6203						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

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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



LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 114311.00Catalog No 114311.00

Curve at

230

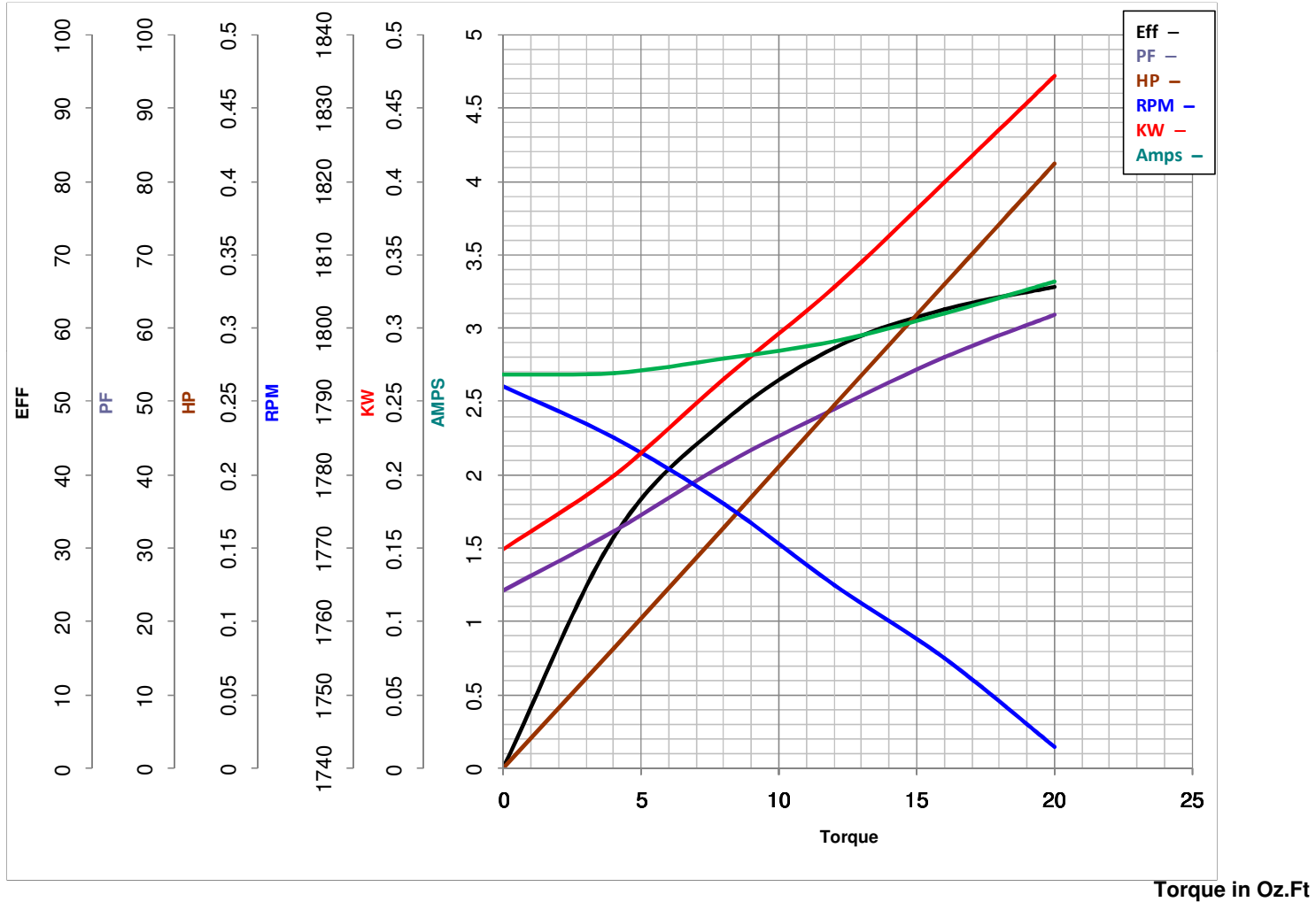
Volts

HP 0.33PHASE 160

HZ

VOLTS 115/208-2300.33

HP

HZ 60RPM 1725

FL TORQUE 16 Oz.Ft
 BD TORQUE 49.6 Oz.Ft
 LR TORQUE 60.5 Oz.Ft

WINDING C634260-3

FL AMPS 6.4/3.4-3.2
 PU TORQUE 46.0 Oz.Ft
 LR AMPS 15.4

Date 4/24/2018