

PRODUCT INFORMATION PACKET



Model No: 131855.00

Catalog No: 131855.00

General Purpose Motor, 3 HP, 1 Ph, 60 Hz, 208-230 V, 1800 RPM, 184T Frame, TEFC



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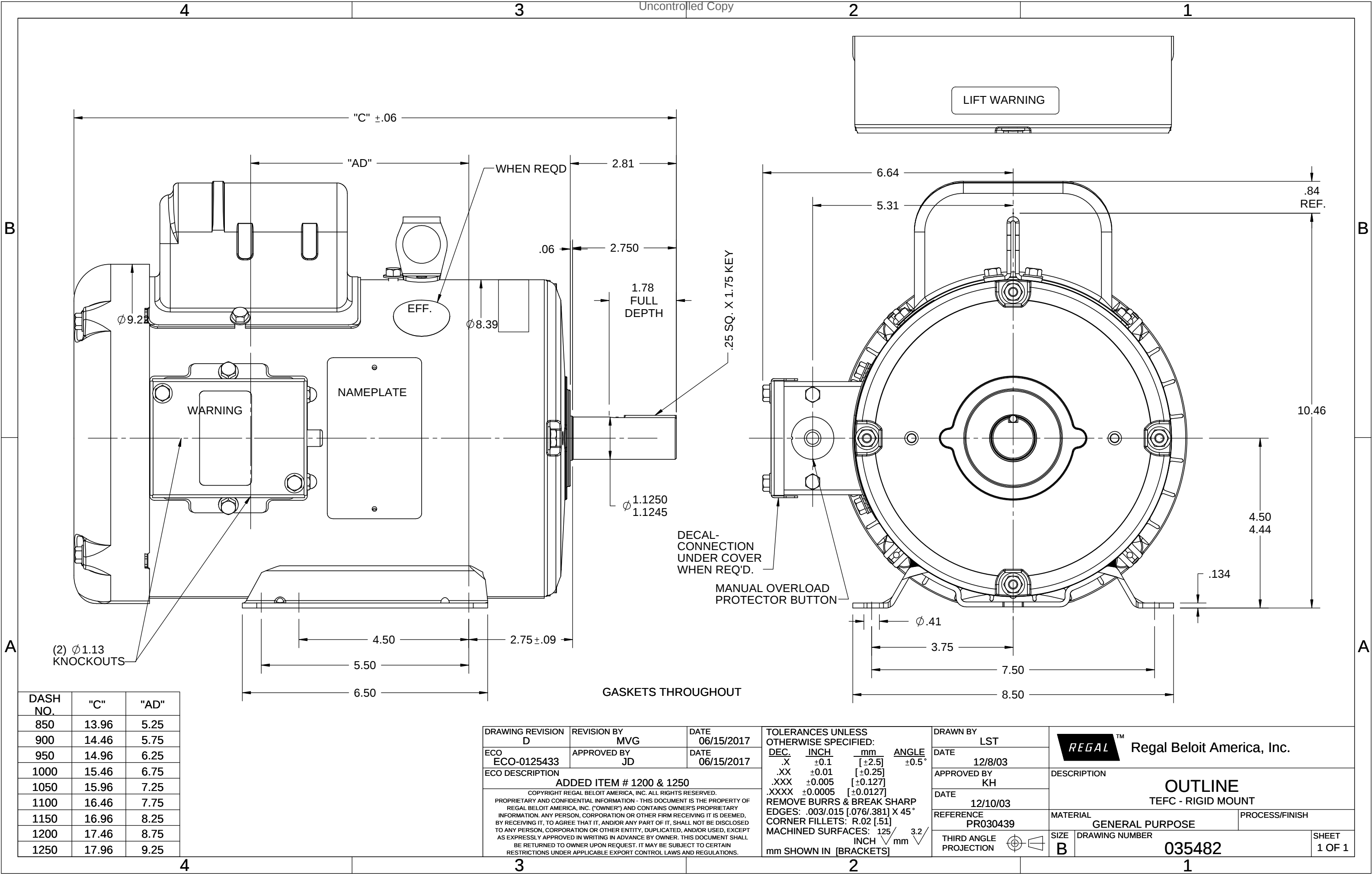


Nameplate Specifications

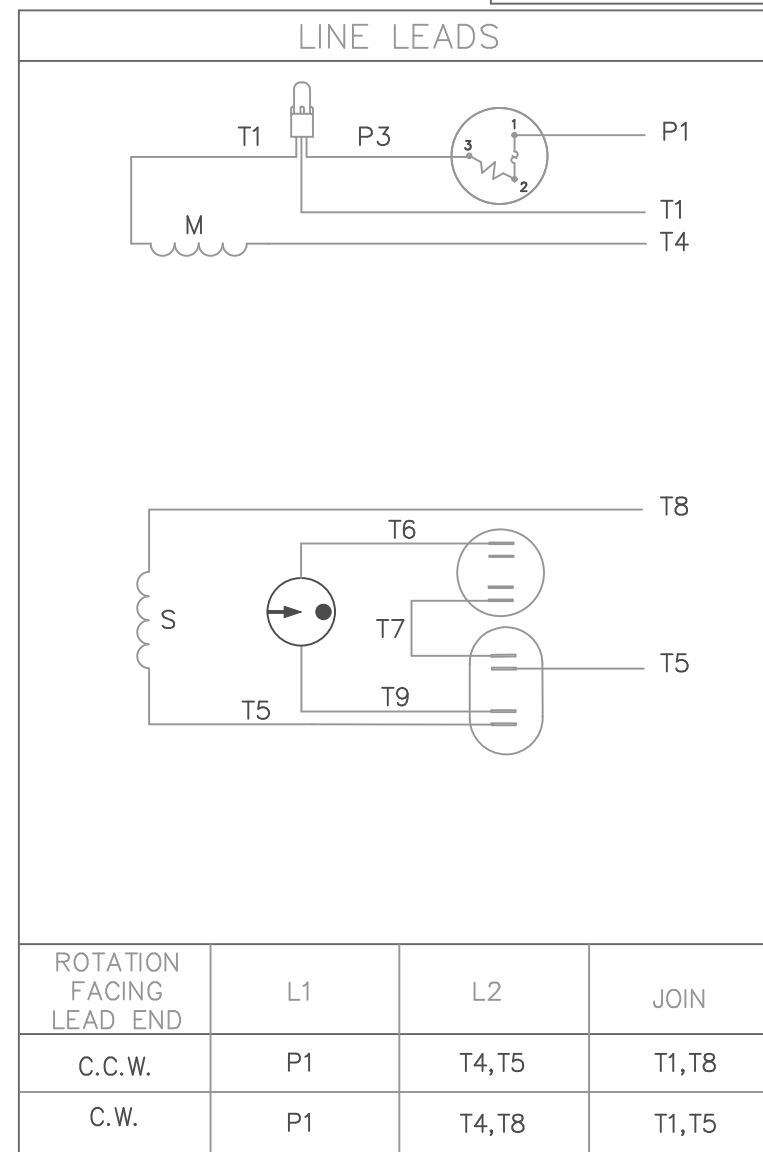
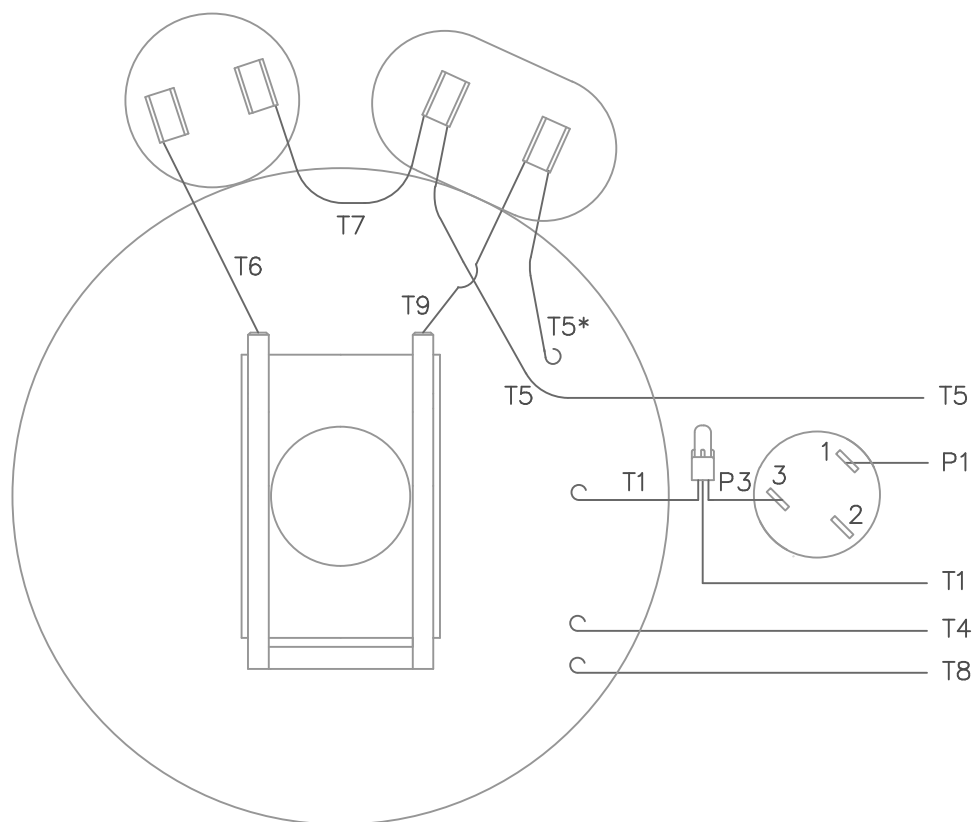
Output HP	3 Hp	Output KW	2.2 kW
Frequency	60 Hz	Voltage	208-230 V
Current	14.4-13.6 A	Speed	1740 rpm
Service Factor	1.15	Phase	1
Efficiency	82.5 %	Power Factor	87
Duty	Continuous	Insulation Class	F
Design Code	L	KVA Code	J
Frame	184T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Manual	Ambient Temperature	40 °C
Drive End Bearing Size	6206	Opp Drive End Bearing Size	6205
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
Resistance Main	.777 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	14.96 in
Frame Length	9.50 in	Shaft Diameter	1.125 in
Shaft Extension	2.75 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	035482-950	Connection Drawing	005056.03



VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



* THIS LEAD MAY BE WHITE

				TOLERANCES UNLESS SPECIFIED			ELECTRIC MOTORS GEARMOTORS AND DRIVES			DRAWN		WLW 08/30/76	
				DEC.	INCHES					CHK		WRK 09/24/76	
				.X	±.1					APPD			
08	ALTERNATE T5 LEAD MARKING WAS RED	RLW 8/6/02		.XX	±.01					TITLE		EXTERNAL WIRING DIAGRAM TYPE "K" W/ PROTECTOR	
07	ADDED ALTERNATE T5 LEAD MARKING	RLW 5/31/02	KH	.XXX	±.005	REF							
06	REDRAWN TO CAD	DBT 5/31/02		.XXXX	±.0005	MAT'L.		DECAL — 004015					
NO.	REVISION	BY & DATE	CHK	ANG	±1/2°	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			00505603		SIZE	DRAWING NO.		REV.
			DIST BRF—NLV							A	005056—03		08



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

CERTIFICATION DATA SHEET

CONN. DIAGRAM: 005056.03
OUTLINE: 035482-950
WINDING #: K8477 FR 2 B

CATALOG #: 131855.00
MOUNTING: F1 ONLY

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
3	2.24	1800	1740	184T	TEFC	J	L

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
1	60	208-230	14.4-13.6	ACROSS THE LINE	CONTINUOUS	F4	1.15	40

FULL LOAD EFF:	82.5	3/4 LOAD EFF:	82.8	1/2 LOAD EFF:	79.2	GTD. EFF	ELEC. TYPE
FULL LOAD PF:	87	3/4 LOAD PF:	84.6	1/2 LOAD PF:	76.1	80	CAP START CAP RUN

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
9 LB-FT	94	23.5 LB-FT 261 %	22.5 LB-FT 250 %	110

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
0 dBA	10 dBA	0.147 LB-FT^2	0.1 LB-FT^2	0 SEC.	0	88 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						
6206	6205	POLYREX EM	T	NONE	NONE	AISI 1045 (C-240)	ROLLED STEEL

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

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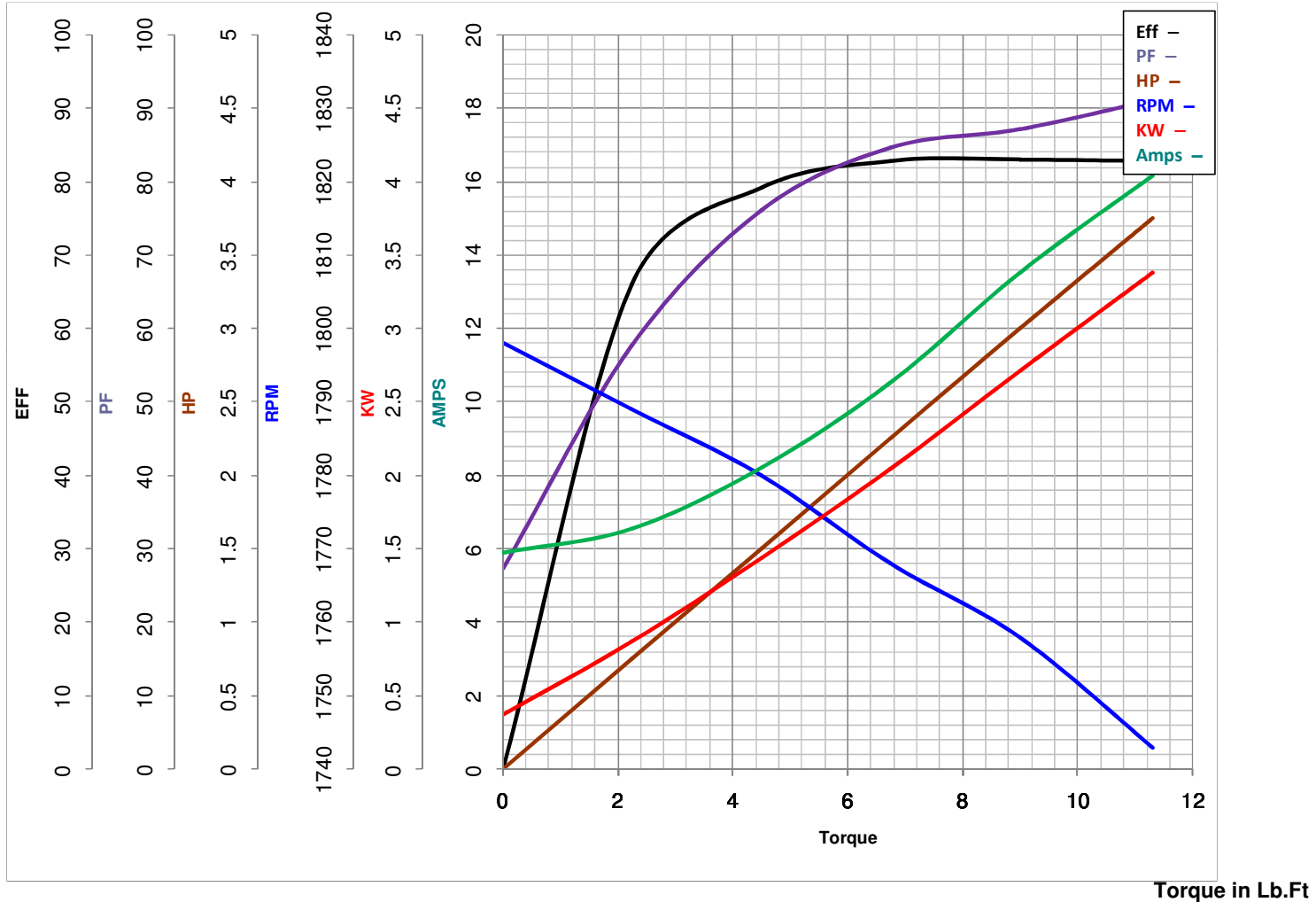
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INVERTER TORQUE: NONE
INV. HP SPEED RANGE: NONE
ENCODER: NONE
NONE NONE
NONE NONE PPR
BRAKE: NONE NONE
NONE P/N NONE
NONE NONE
NONE FT-LB NONE V NONE Hz



LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 131855.00Curve at 230
60
3Volts
HZ
HPHP 3.00PHASE 1VOLTS 208-230Catalog No 131855.00HZ 60RPM 1740

FL TORQUE 9 Lb.Ft
 BD TORQUE 22.5 Lb.Ft
 LR TORQUE 23.5 Lb.Ft

FL AMPS 14.4-13.6
 PU TORQUE 19.6 Lb.Ft
 LR AMPS 94

WINDING K8477-2

Date 4/12/2018