

PRODUCT INFORMATION PACKET



Model No: 199717.00

Catalog No: 199717.00

Obsolete,

ced by B199717.00 - 60HP..1800RPM.364T.ODP.230/460V.3PH.60HZ.CONT.40C.1.15SF.RIGID.....GEN PURPOSE..



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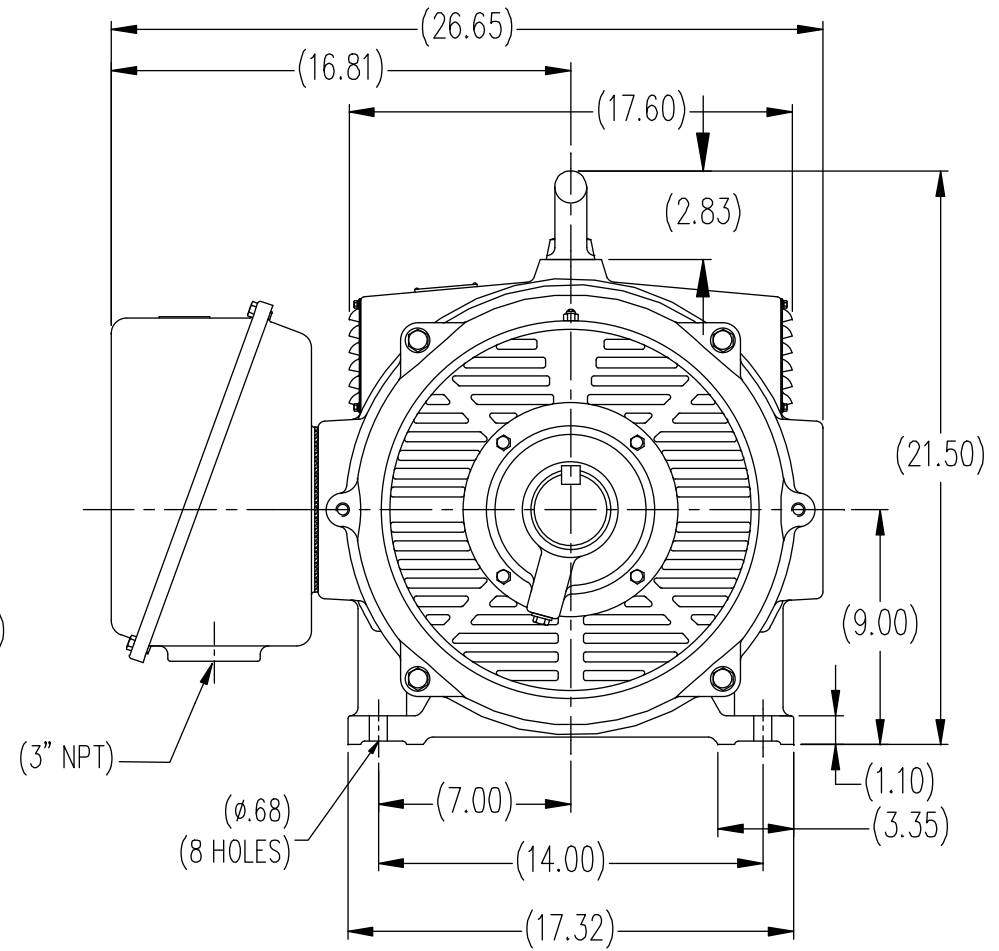
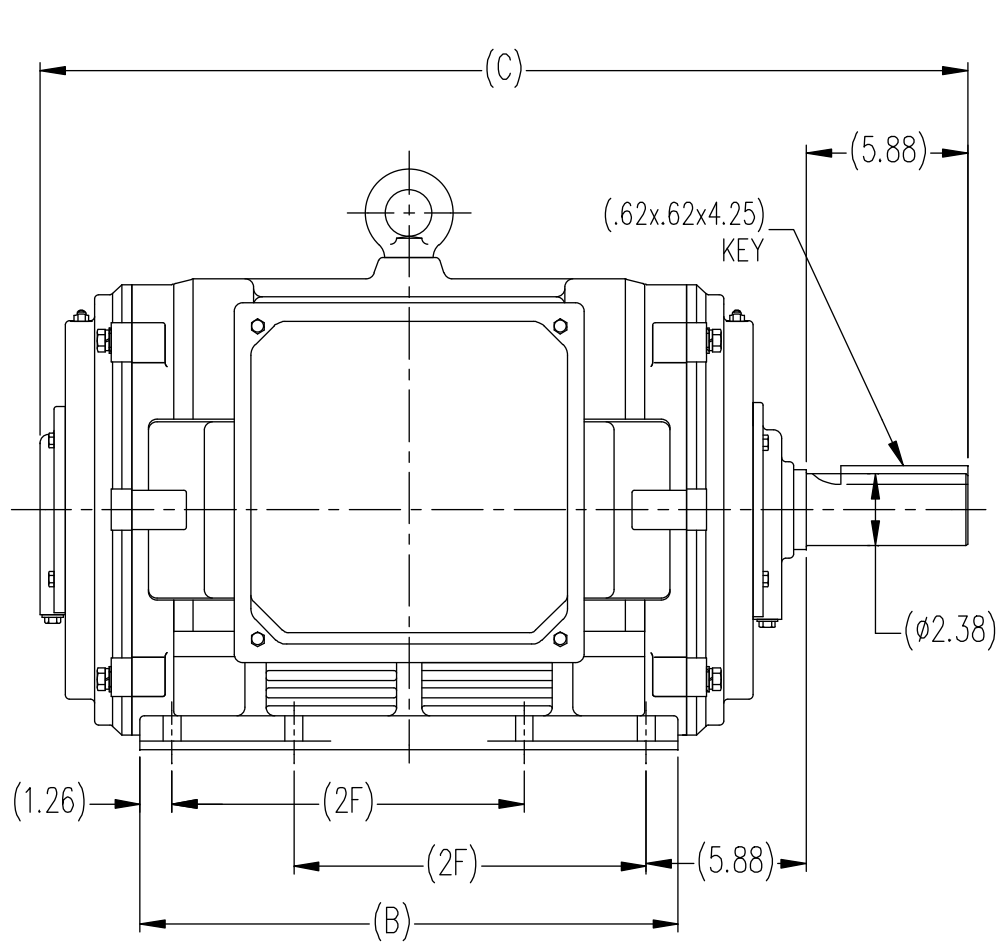
Nameplate Specifications

Phase	3	Output HP	60 & 50 Hp
Output KW	45.0 & 37.0 kW	Voltage	230/460 & 190/380 V
Speed	1785 & 1485 rpm	Service Factor	1.15 & 1.15
Frame	364T	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	95 & 94.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	139/69.5 & 138/69 A	Power Factor	85
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6314	Opp Drive End Bearing Size	6313
UL	Recognized	CSA	Y
CE	Y	IP Code	12
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Wye Start Delta Run Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.0905 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Assembly/Box Mounting	F1/F2 CAPABLE
Inverter Load	VARIABLE 10:1		
Outline Drawing	SS620114-364T	Connection Drawing	EE7308AA-LE

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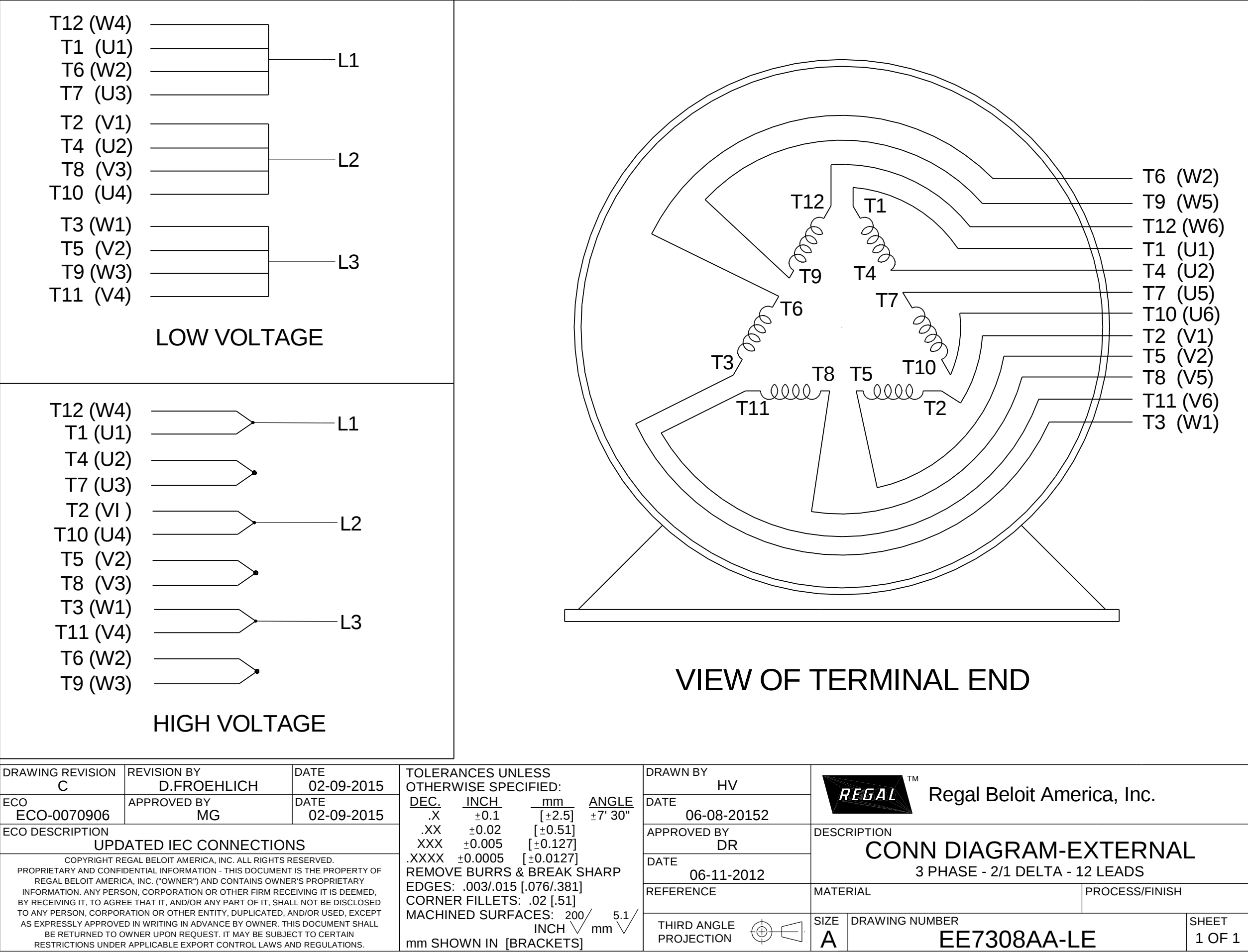


(DIMENSIONS IN TABLE ARE CONSIDERED REFERENCE)

(MAY NOT BE DRAWN TO SCALE)

364T	31.69	17.32	11.25
365T	33.27	18.90	12.25
FRAME	C	B	2F

				TOLERANCES UNLESS SPECIFIED		 REGAL-BELOIT CORPORATION	DRAWN MSG 11-09-2007	
				DEC.	INCHES		CHK	ML 11-09-2008
				.X	±.1	TITLE 364/365T FR. - ODP - CAST IRON	APPD	SB 01-14-2008
				.XX	±.03		SCALE	1=1
				.XXX	±.005		REF	
				.XXXX	±.0005		FMF	HUADA
1	REMOVED REFERENCE TO MODEL NUMBERS	ML 02-02-2011		CHK	ANG	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	SS620114	SIZE	DRAWING NO.
				DIST			B	SS620114
								REV.



**CERTIFICATION DATA SHEET****1051 CHEYENNE AVE.
GRAFTON, WI 53024
PH. 262-377-8810****CONN. DIAGRAM:** EE7308AA-LE**CATALOG #:** 199717.00**OUTLINE:** SS620114**MOUNTING:** F1/F2 CAPABLE**WINDING #:** CHT36440002 1**TYPICAL MOTOR PERFORMANCE DATA**

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
60&50	45.0&37.0	1800	1785&1485	364T	DP	G	B

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
3	60/50	230/460&190/380	139/69.5&138/69	Y START D RUN OR INV	CONTINUOUS	F1	1.15/1.15	40

FULL LOAD EFF:	95&94.5	3/4 LOAD EFF:	95.4	1/2 LOAD EFF:	95	GTD. EFF		ELEC. TYPE
FULL LOAD PF:	85&84	3/4 LOAD PF:	82	1/2 LOAD PF:	73.5	94.5		SQ CAGE INV RATED

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B,D. TORQUE	F.L. RISE°C
177 LB-FT	794 / 397	309 LB-FT 175 %	487 LB-FT 275 %	35

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
79 dBA	89 dBA	15.2 LB-FT^2	- LB-FT^2	20 SEC.	2	875 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 (ENAMEL)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	ODE						
BALL	BALL	POLYREX EM	T	NONE	NONE	AISI 1045 (C-240)	CAST IRON
6314	6313						

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: VARIABLE 10:1**INV. HP SPEED RANGE:** NONE**ENCODER:** NONE

NONE NONE

NONE NONE PPR

BRAKE: NONE NONE

NONE P/N NONE

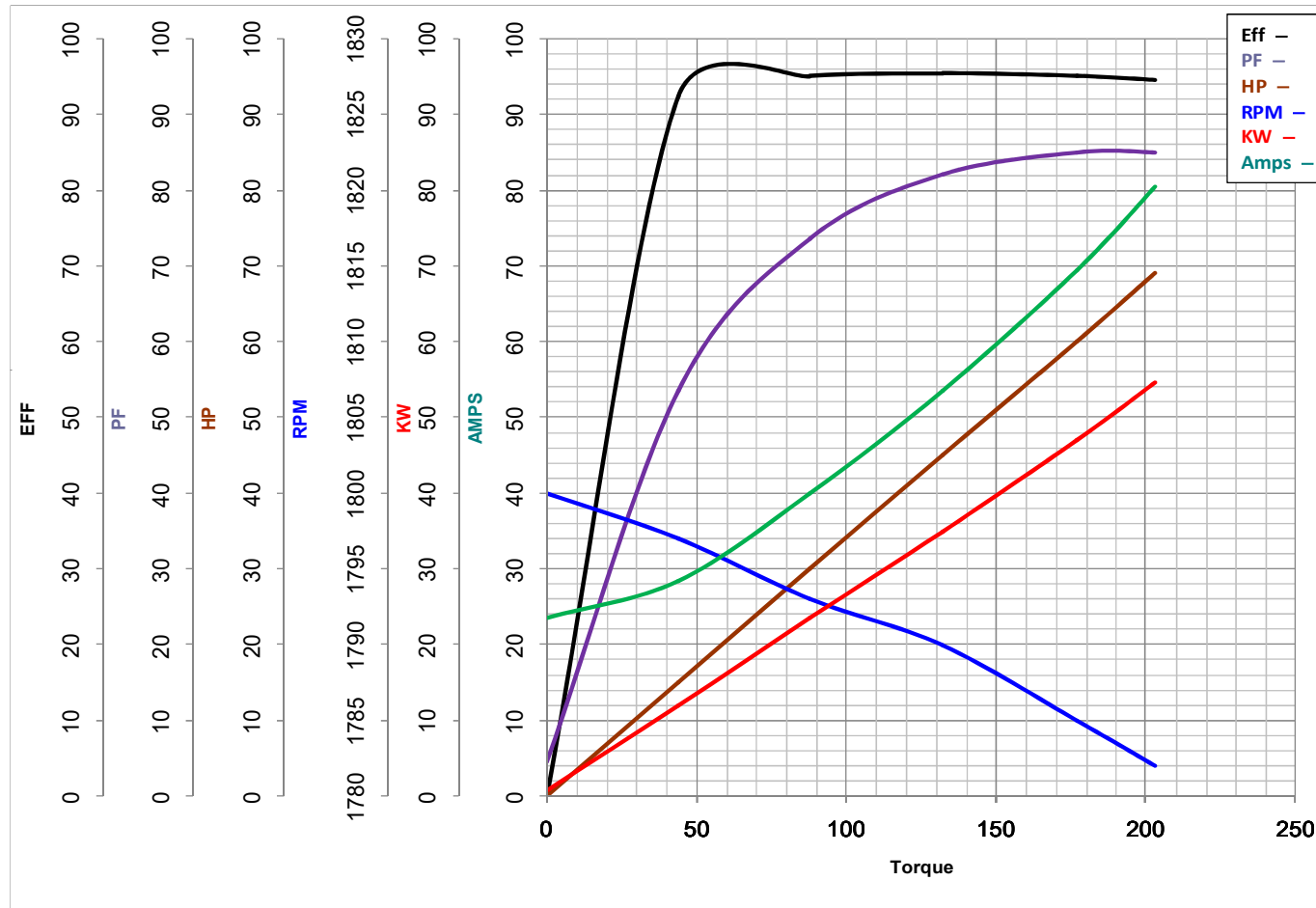
NONE NONE

NONE FT-LB NONE V NONE Hz



LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 199717.00Curve at 460
60
60Volts
HZ
HPHP 60&50PHASE 3VOLTS 230/460&190/380Catalog No 199717.00HZ 60&50RPM 1785&1485

Torque in Lb.Ft

FL TORQUE 177 Lb.Ft
 BD TORQUE 487.0 Lb.Ft
 LR TORQUE 309 Lb.Ft

FL AMPS 139/69.5
 PU TORQUE 216.0 Lb.Ft
 LR AMPS 397

WINDING CHT36440002-1

Date 11/13/2018