

PRODUCT INFORMATION PACKET



Model No: 194128.00

Catalog No: 194128.00

TEFC-215TC-2-15HP 230/460V 60Hz YY/Y F1 F IP44 LEESON SF1.15 Model: C215T34KK2A CAT: 194128.00



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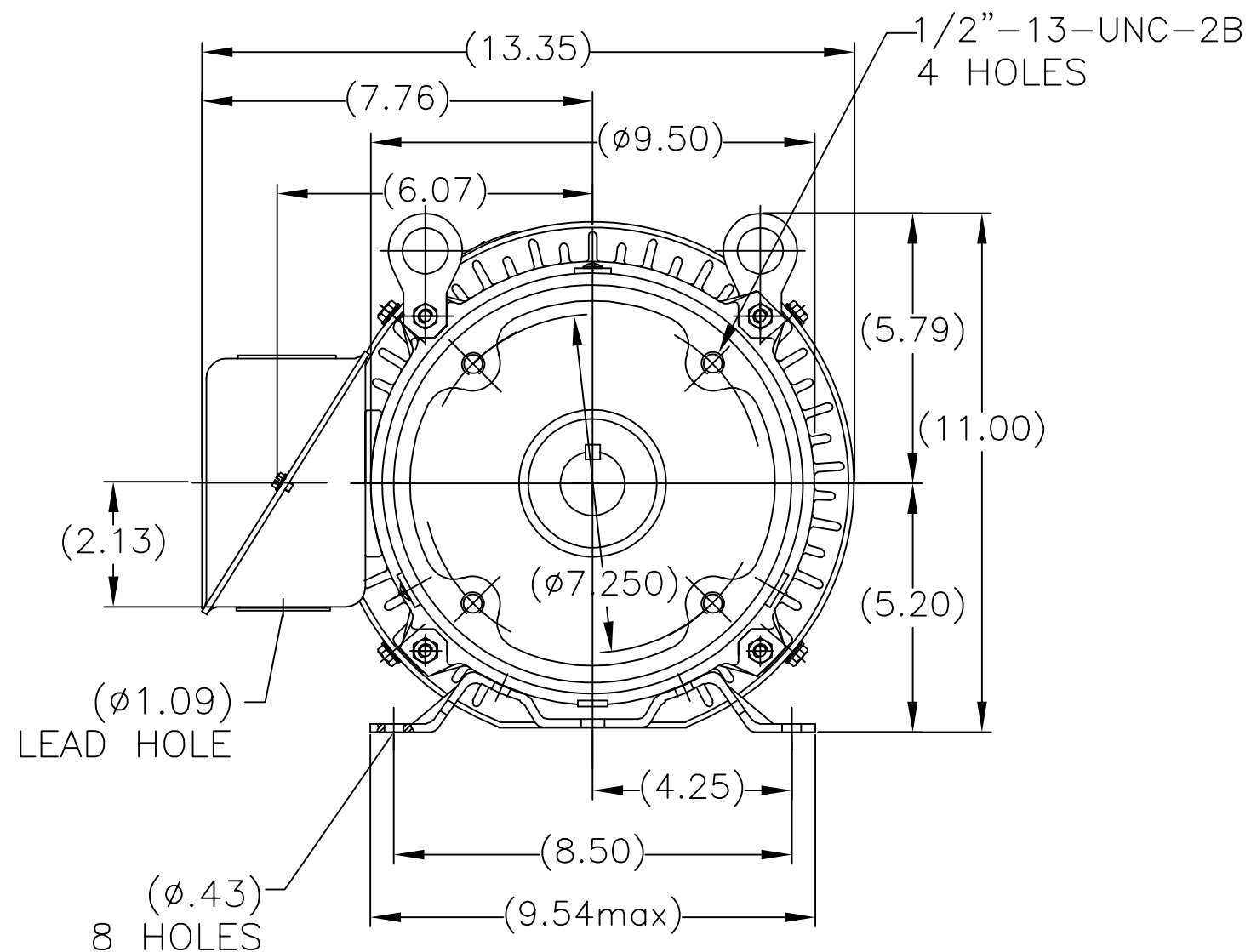
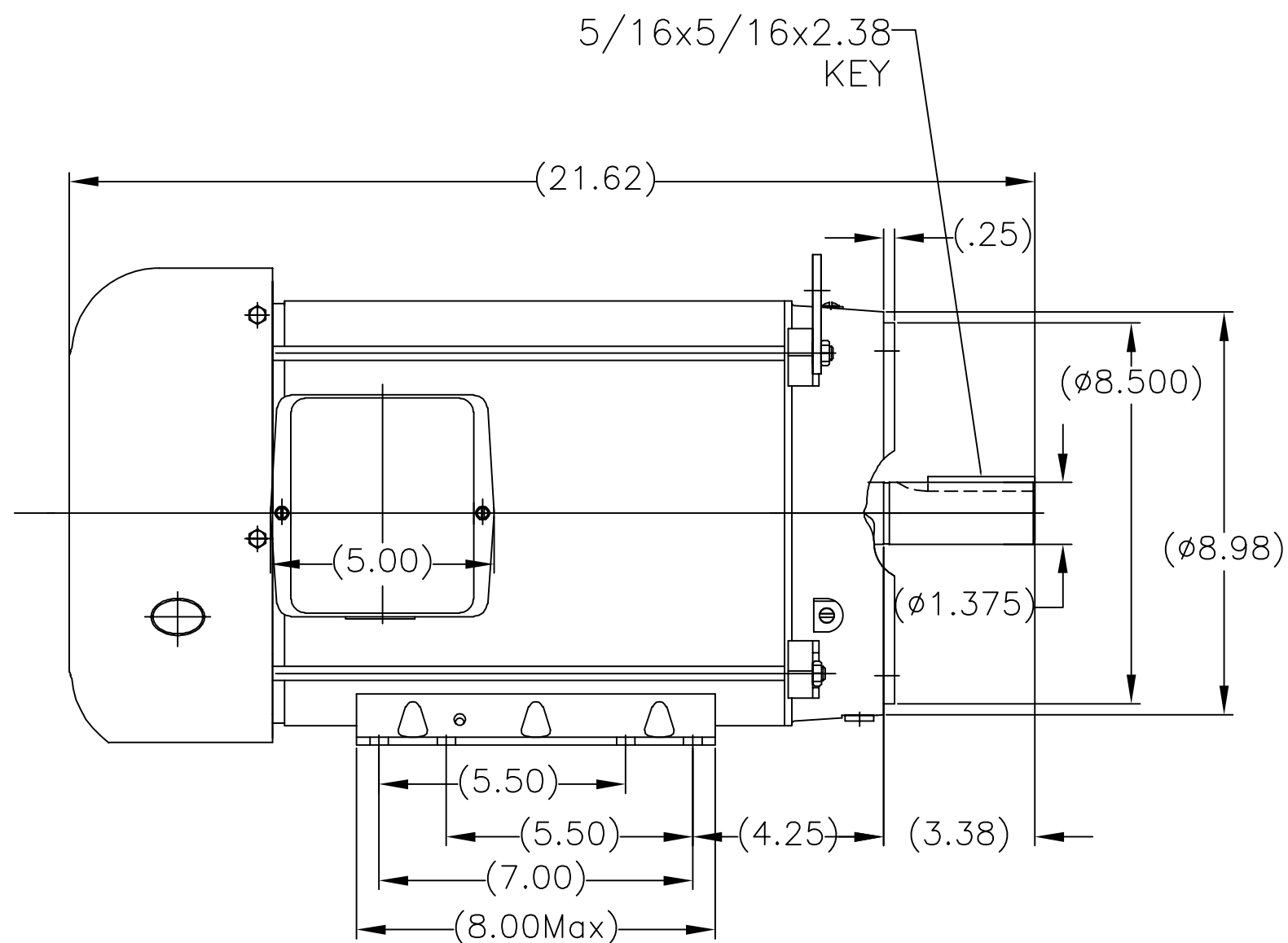
Nameplate Specifications

Phase	3	Output HP	15 & 10 Hp
Output KW	11.2 & 7.5 kW	Voltage	230/460 & 190/380 V
Speed	3535 & 2945 rpm	Service Factor	1.15 & 1.15
Frame	215TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	93 & 92.4 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	35/17.4 & 29/14.5 A	Power Factor	86.5
Duty	Continuous	Insulation Class	F
Design Code	A	KVA Code	K
Drive End Bearing Size	6307	Opp Drive End Bearing Size	6206
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications


Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	2	Rotation	Reversible
Resistance Main	.56 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Assembly/Box Mounting	F1/F2 CAPABLE
Inverter Load	VARIABLE 10:1		
Outline Drawing	SS620673	Connection Drawing	EE7308_LE

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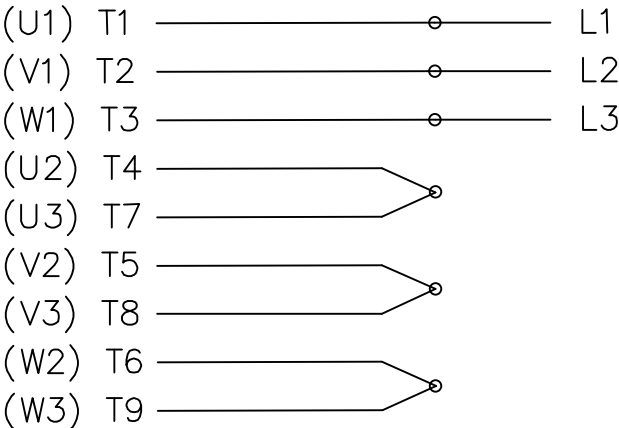
NOTES:

1. DIMENSIONS ARE REFERENCE ONLY
2. DRAWING MAY NOT BE TO SCALE

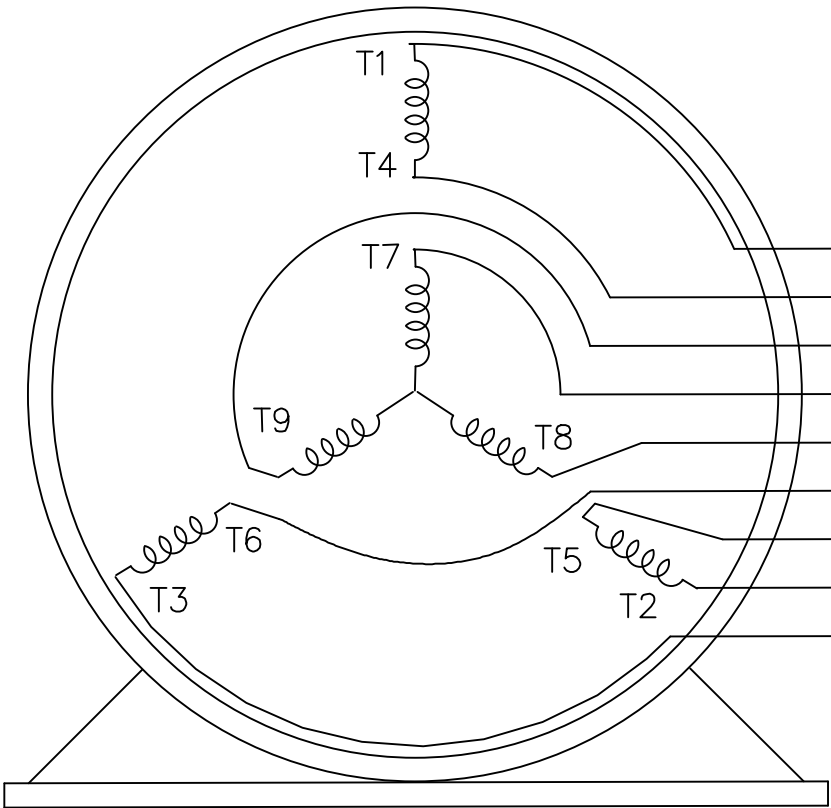
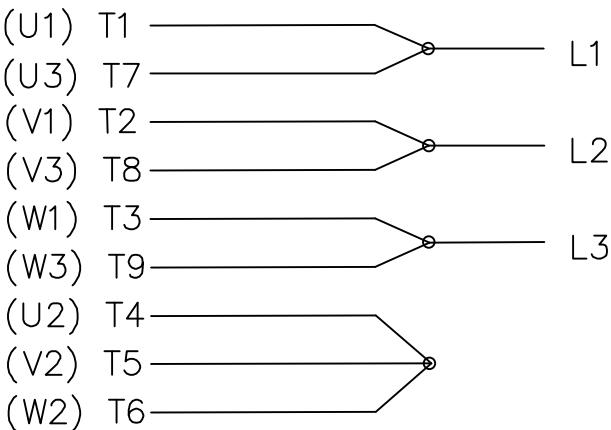
				TOLERANCES UNLESS SPECIFIED		 REGAL - BELOIT CORPORATION	DRAWN ZYH 08/19/2014					
				DEC.	INCHES		CHK	HZJ 08/19/2014				
				.X	±.1		APPD	WGH 08/19/2014				
				.XX	±.03		TITLE OUTLINE TTFBA 215TC ROLLED STEEL 3600rpm 15HP car wah blower motor			SCALE	N/A	
				.XXX	±.005					REF		
				.XXXX	±.0005	MAT'L.			FMF	ECO-0058198		
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 SS620673.dwg			SIZE	DRAWING NO.	PAGE 1 OF 1	REV.
				DIST					A	SS620673		

THREE PHASE DUAL VOLTAGE MOTOR

HIGH VOLTAGE



LOW VOLTAGE




T1 (U1)
 T4 (U2)
 T9 (W3)
 T7 (U3)
 T8 (V3)
 T6 (W2)
 T5 (V2)
 T2 (V1)
 T3 (W1)

VIEW OF TERMINAL END

REF.
WINDING DIAGRAM

T8Y, T2Y, T2BL, T4BX, T2EC, T2G
 T6BZ, T2B, T6BL, T4AV, T6B, T4B

			TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN HLB 04-29-2002		
			DEC.	INCHES		CHK	ML	05-03-2002
			.X	±.1	TITLE CONNECTION DIAGRAM 3Ø - DUAL VOLTAGE MOTOR	APPD	GK	05-03-2002
			.XX	±.01		SCALE 1=1		
2	ADDED IEC NOTATIONS... (U1), (V1) ETC. (MU105786)	REP 01-11-2012	DR	.XXX ±.005	MAT'L.	REF		
1	NEW DRAWING	HLB 05-03-2002	ML	.XXXX ±.0005		FMF		
NO.	REVISION	BY & DATE	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 EE7308-LE		SIZE	DRAWING NO.	PAGE OF
			DIST LB-WP			A	EE7308-LE	2



CERTIFICATION DATA SHEET

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

CONN. DIAGRAM: EE7308_LE

CATALOG #: 194128.00

OUTLINE: SS620673

MOUNTING: F1/F2 CAPABLE

WINDING #: CHT21520008 1

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
15&10	11.2&7.50	3600	3535&2945	215TC	TEFC	K	A

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
3	60/50	230/460&190/380	35/17.4&29/14.5	LINE OR INVERTER	CONTINUOUS	F3	1.15/1.15	40

FULL LOAD EFF:	93&92.4	3/4 LOAD EFF:	93	1/2 LOAD EFF:	92.4	GTD. EFF	ELEC. TYPE
FULL LOAD PF:	86.5&83.5	3/4 LOAD PF:	86	1/2 LOAD PF:	78	91	SQ CAGE INV RATED

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
22.4 LB-FT	224 / 112	41 LB-FT 184 %	65 LB-FT 290 %	58

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
72 dBA	82 dBA	0.48 LB-FT^2	18 LB-FT^2	10 SEC.	2	240 LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	STANDARD	RIGID	HORIZONTAL	FALSE	NONE	FALSE	NONE	GRAY (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)	ROLLED STEEL
6307	6206						

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

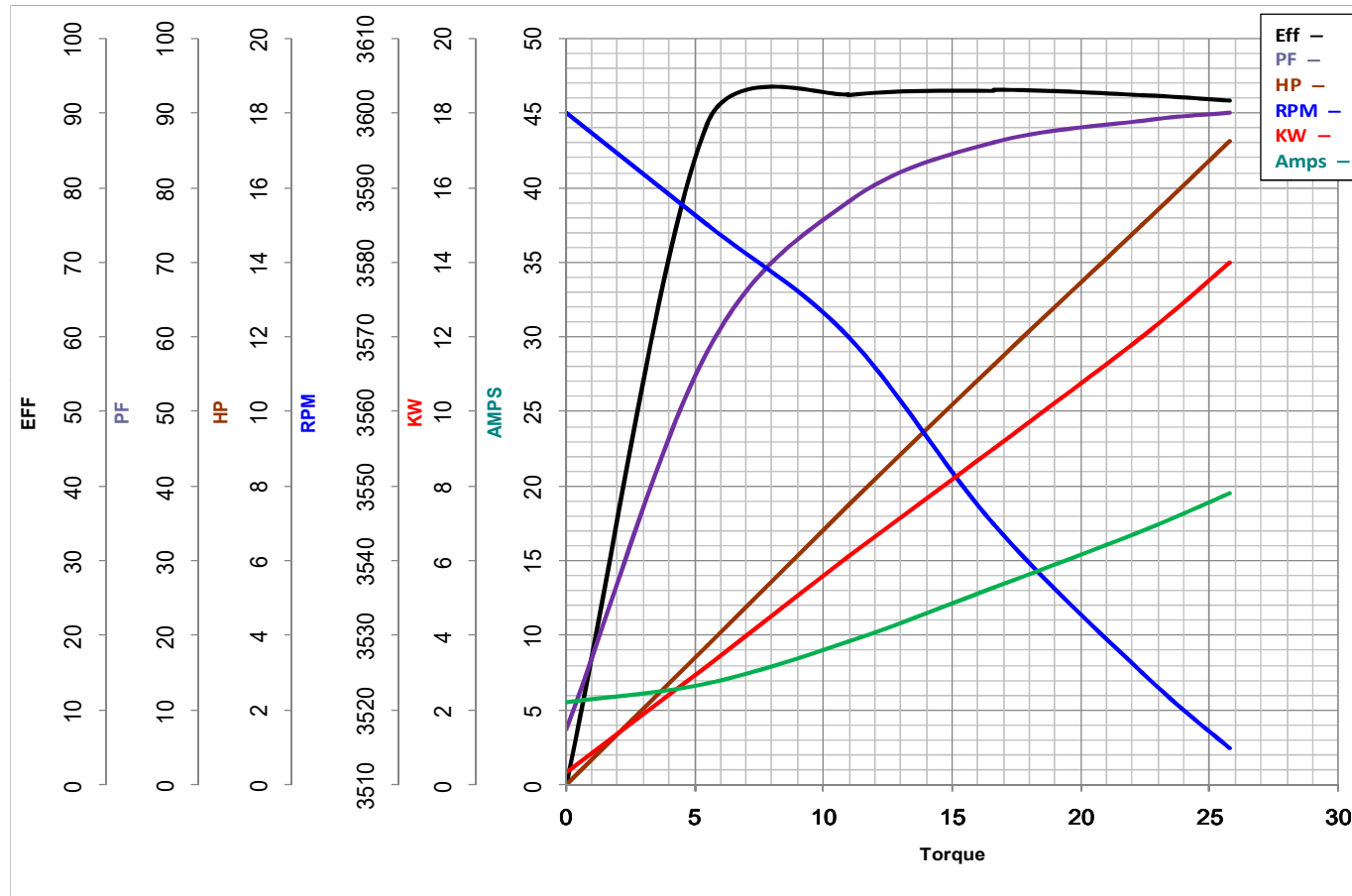
NONE NONE

NONE FT-LB NONE V NONE Hz



LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 194128.00Curve at 460
60
15Volts
HZ
HPHP 15&10PHASE 3VOLTS 230/460&190/380Catalog No 194128.00HZ 60&50RPM 3535&2945

Torque in Lb.Ft

FL TORQUE 22.4 Lb.Ft
 BD TORQUE 65.0 Lb.Ft
 LR TORQUE 41 Lb.Ft

FL AMPS 35/17.4
 PU TORQUE 34.0 Lb.Ft
 LR AMPS 112

WINDING CHT21520008-1

Date 11/13/2018