

PRODUCT INFORMATION PACKET



Model No: 199067.00
Catalog No: 199067.00
Obsolete,

B199067.00 - .40HP..3600RPM.324TSC.TEFC.230/460V.3PH.60HZ.CONT.40C.1.15SF.RIGID-C.....GENERAL PURF



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Nameplate Specifications

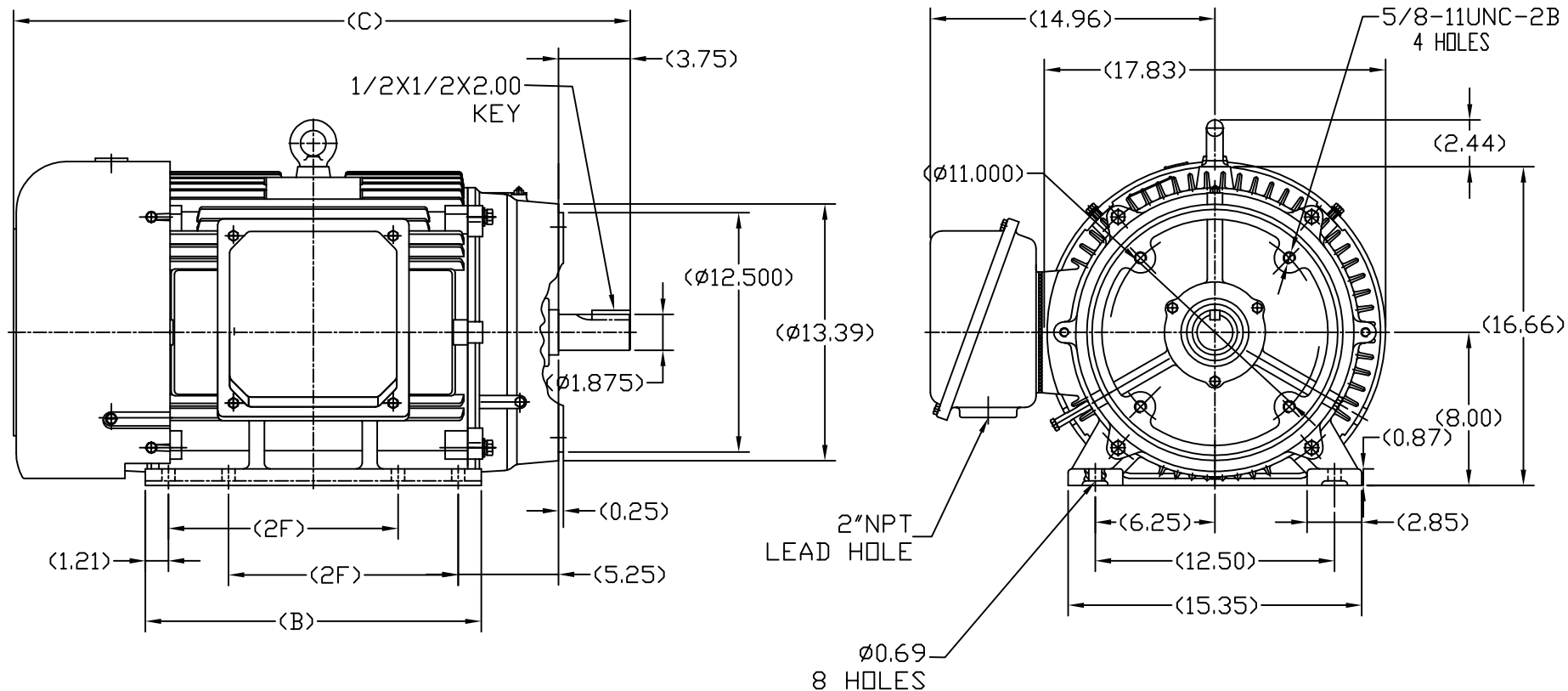
Phase	3	Output HP	40 & 30 Hp
Output KW	30.0 & 22.4 kW	Voltage	230/460 & 190/380 V
Speed	3560 & 2970 rpm	Service Factor	1.15 & 1.0
Frame	324TSC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	93 & 93 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	90.5/45.5 & 80/40 A	Power Factor	90
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6212	Opp Drive End Bearing Size	6212
UL	Recognized	CSA	Y
CE	N	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	.13684 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	TS	Assembly/Box Mounting	F1/F2 CAPABLE
Inverter Load	CONSTANT 20:1		
Outline Drawing	SS620302-324TSC	Connection Drawing	A-EE7308AA-LE

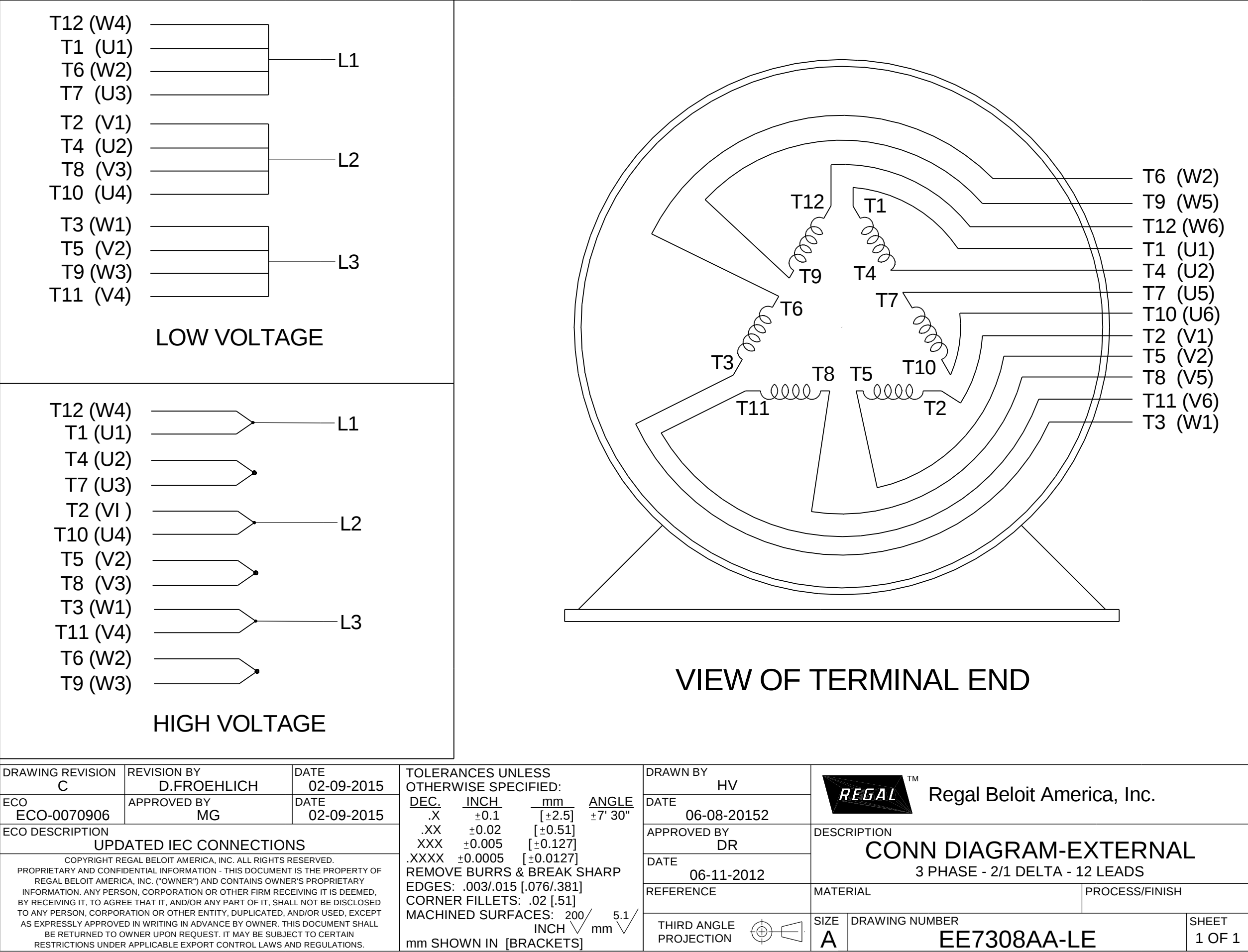
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SS620302



324TSC	31.18	16.38	10.50
326TSC	32.36	17.56	12.00
FRAME	C	B	2F

		TOLERANCES UNLESS SPECIFIED		 REGAL-BELOIT CORPORATION	DRAWN SY 4-21-2010	
NO.	REVISION	BY & DATE	CHK		CHK	REV.
			DEC.	INCHES	APPD	CL 4-21-2010
			.X	±.1		SCALE 1=7
			.XX	±.03		REF
			.XXX	±.005		FMF HWADA
			.XXXX	±.0005		PREV
			ANG	±1/2		
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	SS620302
				DIST	SIZE	B
					DRAWING NO.	SS620302





CERTIFICATION DATA SHEET

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

CONN. DIAGRAM: A-EE7308AA-LE

CATALOG #: 199067.00

OUTLINE: B-SS620302

MOUNTING: F1/F2 CAPABLE

WINDING #: CHT32420001 1

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
40&30	30.0&22.4	3600	3560&2970	324TSC	TEFC	G	B

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
3	60/50	230/460&190/380	90.5/45.5&80/40	LINE OR INVERTER	CONTINUOUS	F1	1.15/1.0	40

FULL LOAD EFF:	93&93	3/4 LOAD EFF:	93	1/2 LOAD EFF:	92.4	GTD. EFF	ELEC. TYPE
FULL LOAD PF:	90&89.5	3/4 LOAD PF:	88	1/2 LOAD PF:	82	91.7	SQ CAGE INV RATED

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
59 LB-FT	580 / 290	110 LB-FT 185 %	165 LB-FT 272 %	60

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
75 dBA	85 dBA	5.2 LB-FT^2	25 LB-FT^2	20 SEC.	2	700 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	BLUE (ENAMEL)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	ODE						
BALL	BALL	POLYREX EM	TS	NONE	NONE	AISI 1045 (C-240)	CAST IRON
6212	6212						

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: CONSTANT 20:1

INV. HP SPEED RANGE: NONE

ENCODER: NONE

NONE NONE

NONE NONE PPR

BRAKE: NONE NONE

NONE P/N NONE

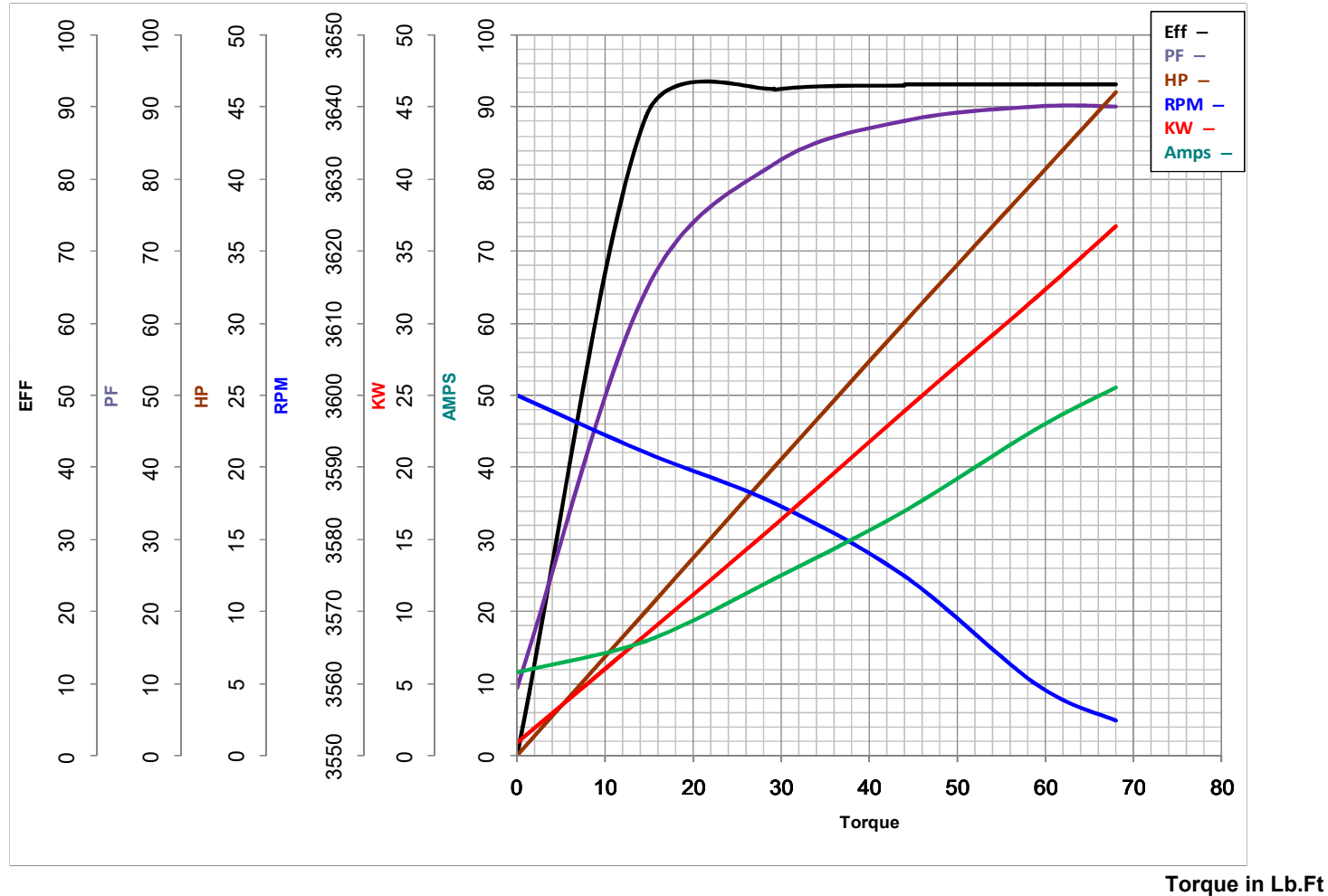
NONE NONE

NONE FT-LB NONE V NONE Hz



LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 199067.00Curve at 460
60
40Volts
HZ
HPHP 40&30PHASE 3VOLTS 230/460&190/380Catalog No 199067.00HZ 60&50RPM 3560&2970

Torque in Lb.Ft

FL TORQUE 59 Lb.Ft
 BD TORQUE 165.0 Lb.Ft
 LR TORQUE 110 Lb.Ft

FL AMPS 90.5/45.5
 PU TORQUE 90.0 Lb.Ft
 LR AMPS 290

WINDING CHT32420001-1

Date 12/13/2018