

PRODUCT INFORMATION PACKET



Model No: 199074.00

Catalog No: 199074.00

Obsolete,

y B199074.00 - .75HP..1800RPM.365TC.TEFC.230/460V.3-H.60HZ.CONT.40C.1.15SF.RIGID-C.....GENERAL PURP(



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Nameplate Specifications

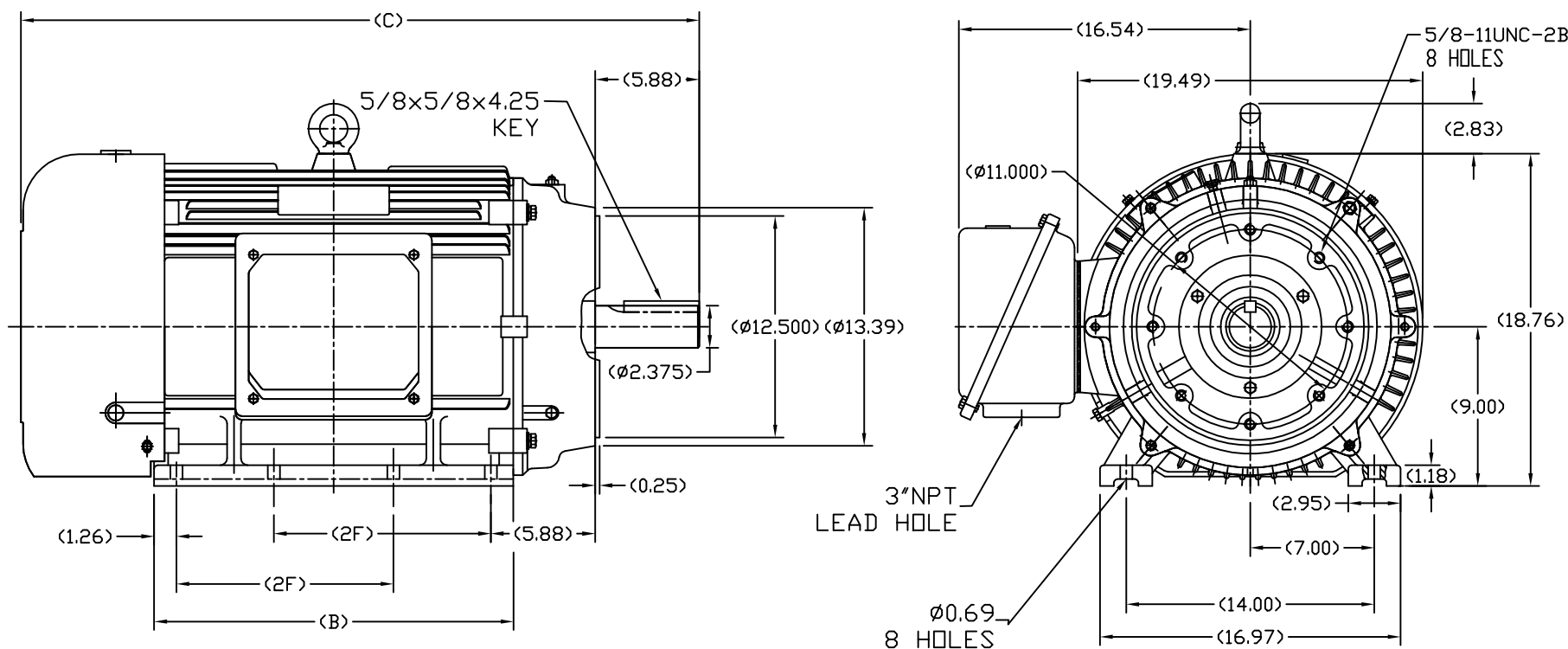
Phase	3	Output HP	75 & 60 Hp
Output KW	56.0 & 45.0 kW	Voltage	230/460 & 190/380 V
Speed	1782 & 1480 rpm	Service Factor	1.15 & 1.0
Frame	365TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	95.4 & 95 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	173/86.5 & 166/83 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	N	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.091 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	CONSTANT 2:1		
Outline Drawing	SS620305-365TC	Connection Drawing	A-EE7308AA-LE

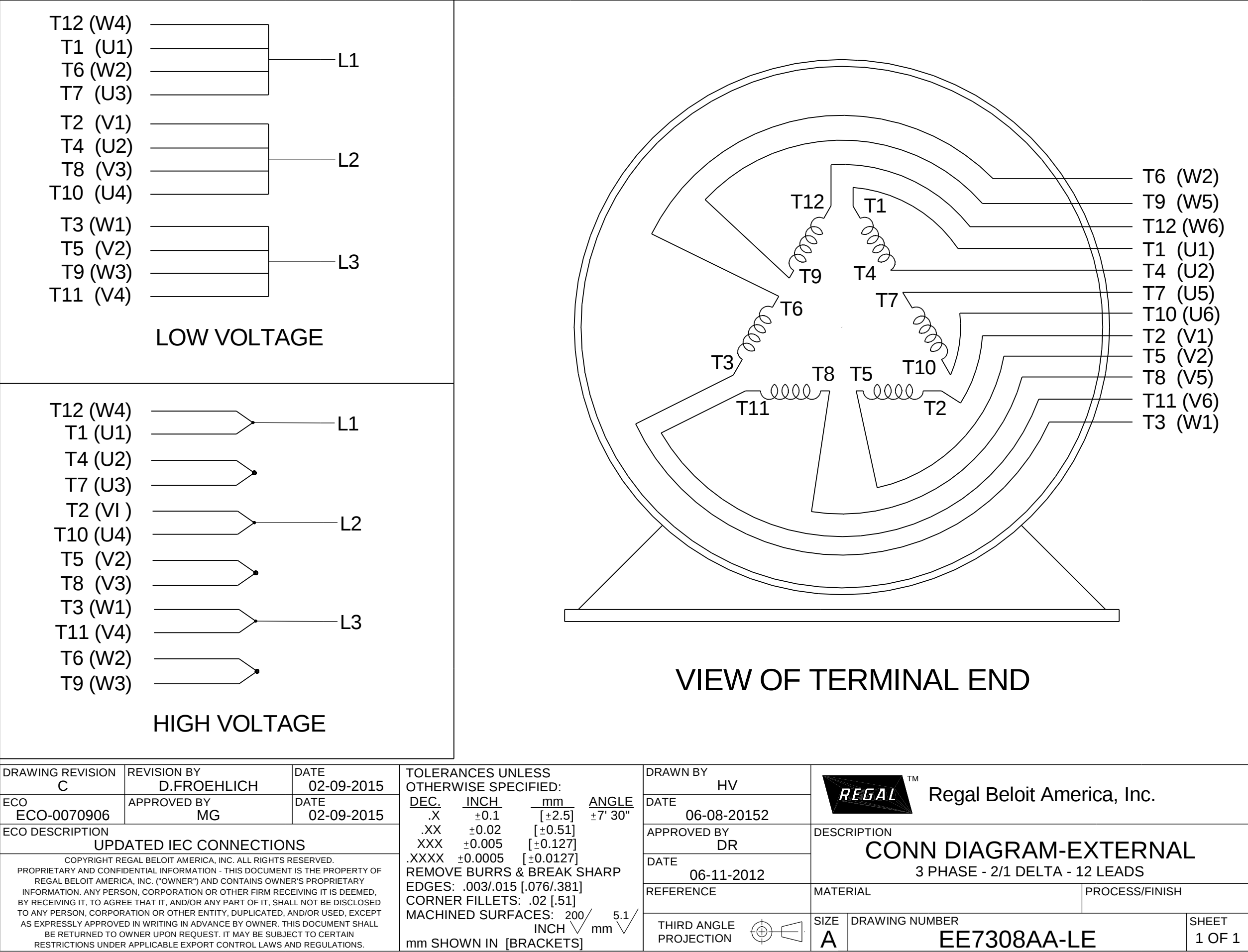
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SS620305



364TC	36.61	18.50	11.25
365TC	38.39	20.28	12.25
FRAME	C	B	2F

TOLERANCES UNLESS SPECIFIED				REGAL-BELOIT CORPORATION		DRAWN SY 4-21-2010	
DEC.	INCHES			CHK	HZJ	4-21-2010	
.X	±.1			APPD	CL	4-21-2010	
.XX	±.03			SCALE	1=6		
.XXX	±.005			REF			
.XXXX	±.0005			FMF	HWADA		
CHK	ANG	±1/2		FINISH			
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				DIST			DRAWING NO.
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							SS620305
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CERTIFICATION DATA SHEET

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

CONN. DIAGRAM: A-EE7308AA-LE

CATALOG #: 199074.00

OUTLINE: B-SS620305

MOUNTING: F1/F2 CAPABLE

WINDING #: CHT36540003 1

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
75&60	56.0&45.0	1800	1782&1480	365TC	TEFC	G	B

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
3	60/50	230/460&190/380	173/86.5&166/83	LINE OR INVERTER	CONTINUOUS	F1	1.15/1.0	40

FULL LOAD EFF:	95.4&95	3/4 LOAD EFF:	95.4	1/2 LOAD EFF:	95	GTD. EFF		ELEC. TYPE
FULL LOAD PF:	85&85	3/4 LOAD PF:	84	1/2 LOAD PF:	78	95		SQ CAGE INV RATED

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
221 LB-FT	1060 / 530	460 LB-FT 208 %	550 LB-FT 248 %	75

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
75 dBA	85 dBA	20.5 LB-FT^2	- LB-FT^2	20 SEC.	2	1100 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	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: CONSTANT 2:1

INV. HP SPEED RANGE: NONE

ENCODER: NONE

NONE NONE

NONE NONE PPR

BRAKE: NONE NONE

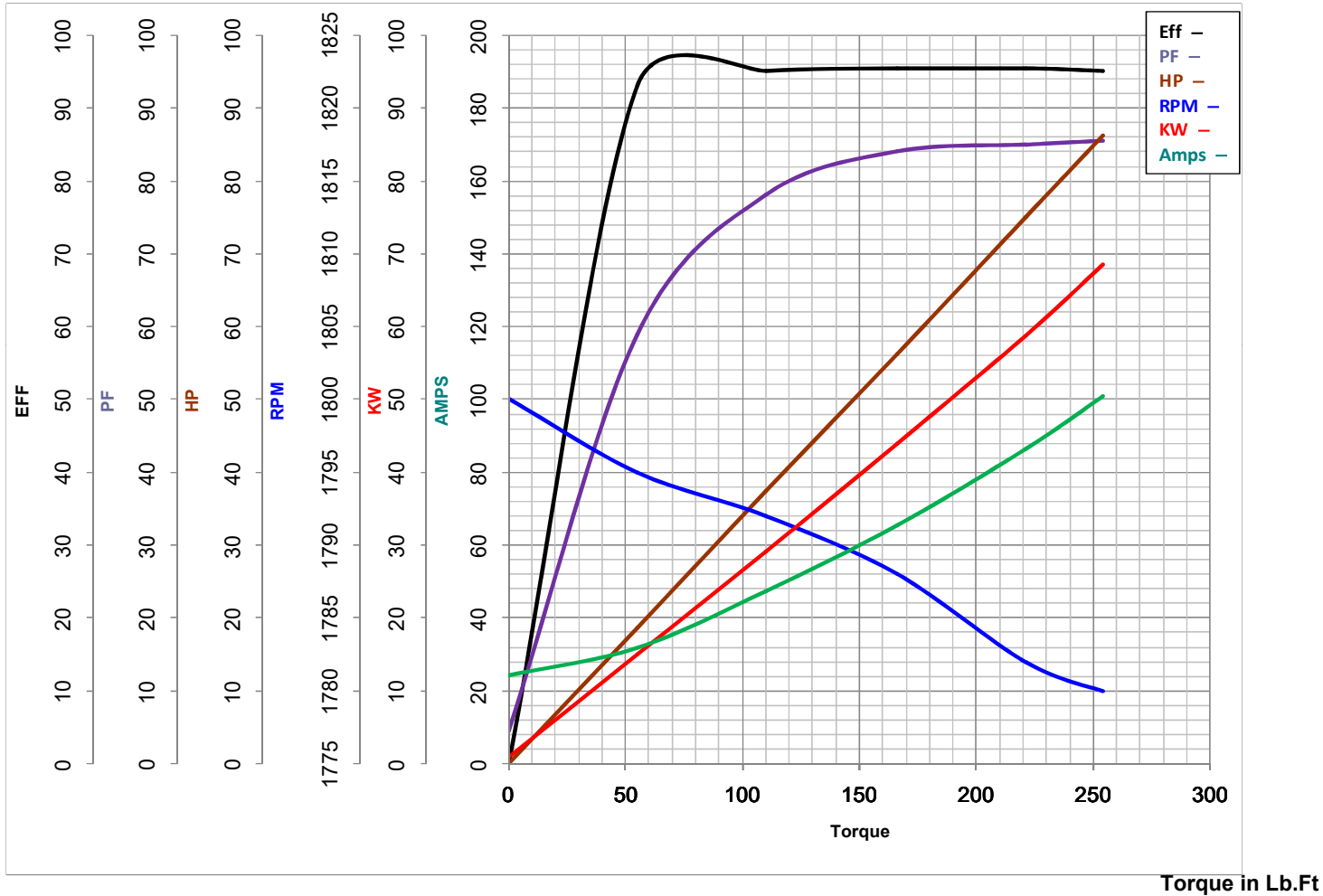
NONE P/N NONE

NONE NONE

NONE FT-LB NONE V NONE Hz

Model No 199074.00Catalog No 199074.00
LEESON ELECTRIC CORPORATION
 TYPICAL PERFORMANCE CURVE for AC MOTOR

 Curve at 460
60
75

 Volts
 HZ
 HP
HP 75&60PHASE 3VOLTS 230/460&190/380HZ 60&50RPM 1782&1480
 FL TORQUE 221 Lb.Ft
 BD TORQUE 550.0 Lb.Ft
 LR TORQUE 460 Lb.Ft

WINDING CHT36540003-1

 FL AMPS 173/86.5
 PU TORQUE 400.0 Lb.Ft
 LR AMPS 530

Date 12/13/2018