

PRODUCT INFORMATION PACKET



Model No: 199033.00

Catalog No: 199033.00

Obsolete Replaced by B199033.00..60HP..3600RPM.364TS.TEFC.230/460V.3PH.60HZ.CONT.40C.1.15SF.RIGID..
....GENERAL PURPOSE.....



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Nameplate Specifications

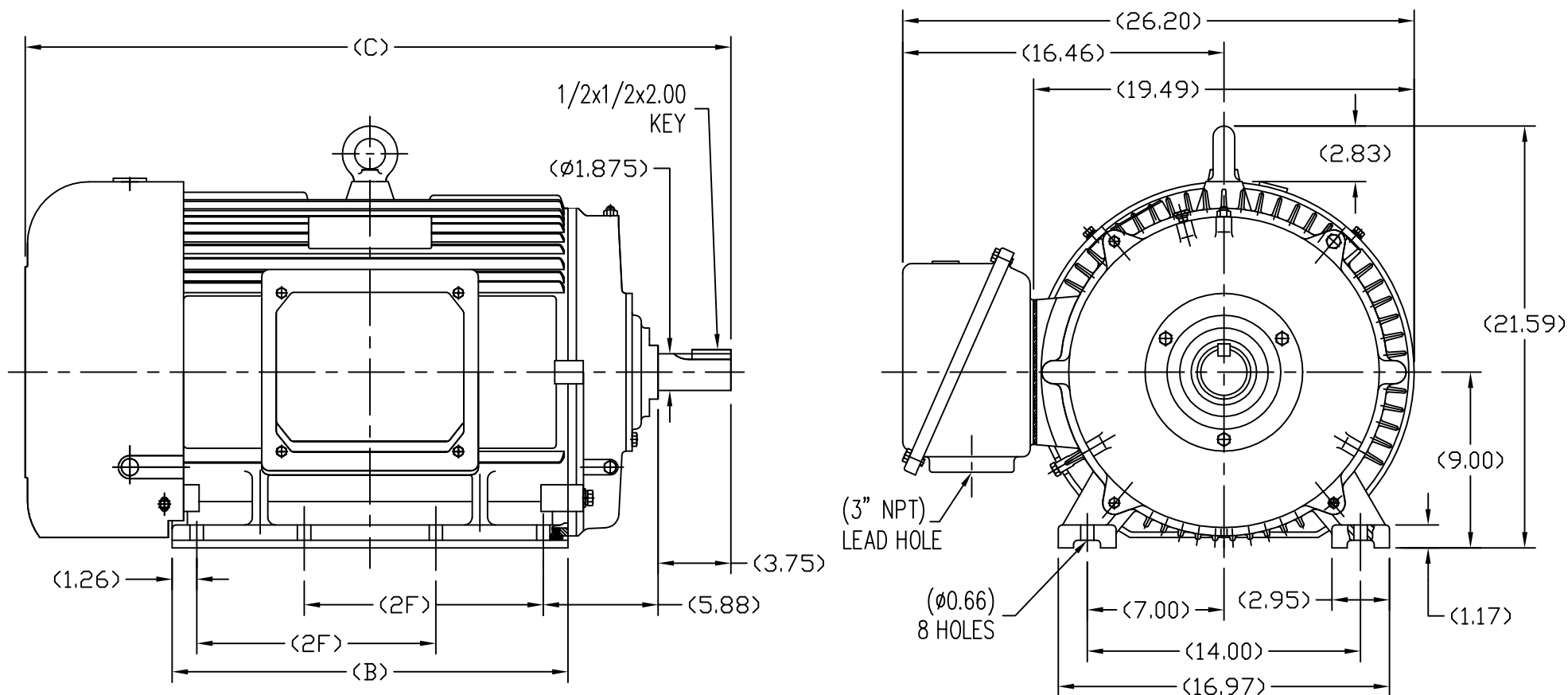
Phase	3	Output HP	60 & 50 Hp
Output KW	45.0 & 37.0 kW	Voltage	230/460 & 190/380 V
Speed	3575 & 2975 rpm	Service Factor	1.15 & 1.15
Frame	364TS	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	93.6 & 93.6 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	135/67.5 & 133/66.5 A	Power Factor	88.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	H
Drive End Bearing Size	6312	Opp Drive End Bearing Size	6312
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	.0677 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	SS620284-364TS	Connection Drawing	A-EE7308AA-LE

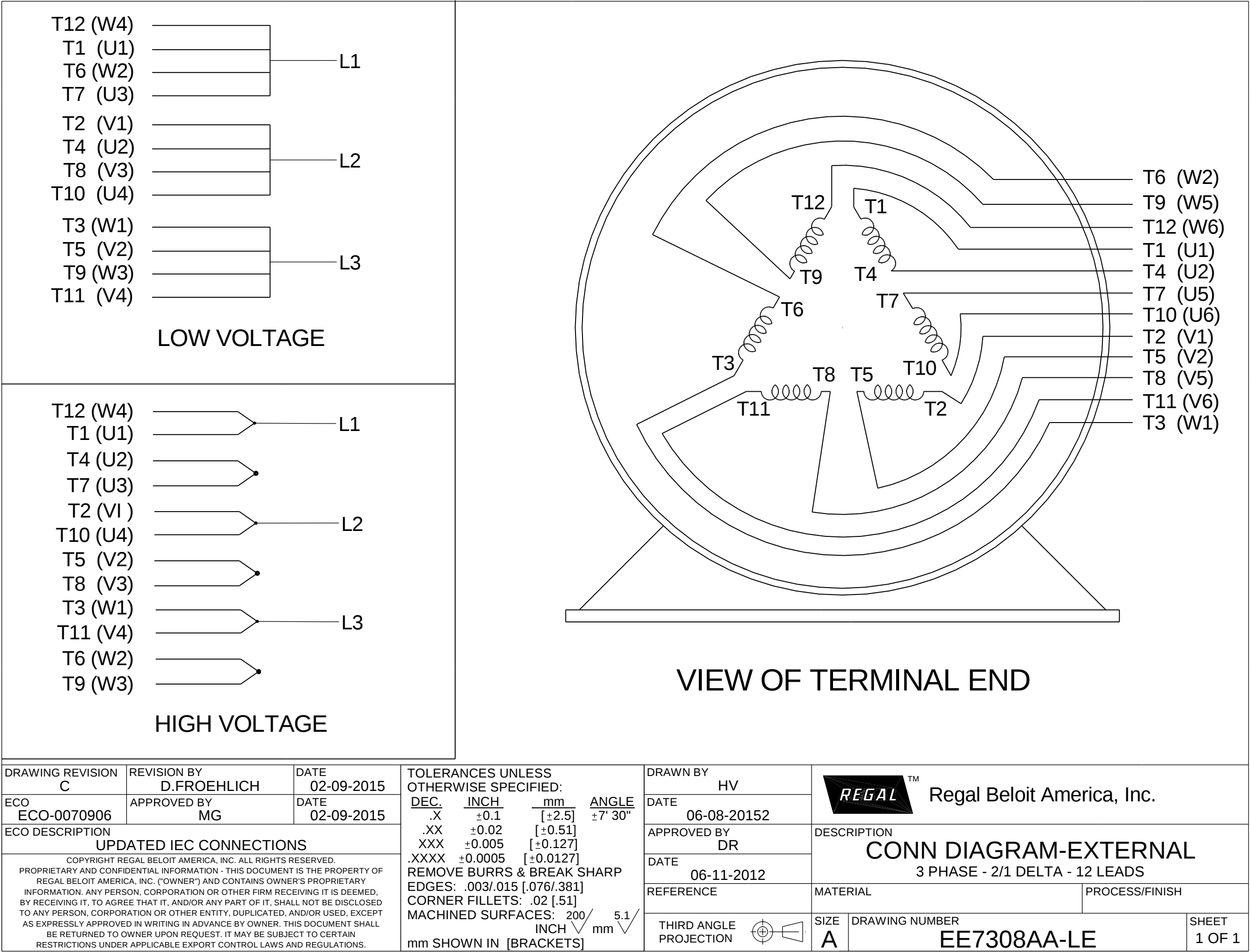
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SS620284



364TS	34.57	18.5	11.25
365TS	36.34	20.28	12.25
Frame	C	B	2F

			TOLERANCES UNLESS SPECIFIED			DRAWN CL 02-21-2010	
NO.	REVISION	BY & DATE	DEC.	INCHES		CHK	
			.X	±.1		APPD	
			.XX	±.03		SCALE	1=5
			.XXX	±.005		REF	
			.XXXX	±.0005		FMF	HWADA
			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	SS620284	SIZE	DRAWING NO.
			DIST			B	SS620284
							REV.





CERTIFICATION DATA SHEET

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

CONN. DIAGRAM: A-EE7308AA-LE

CATALOG #: 199033.00

OUTLINE: B-SS620284

MOUNTING: F1/F2 CAPABLE

WINDING #: CHT36420001 1

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
60&50	45.0&37.0	3600	3575&2975	364TS	TEFC	H	B

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
3	60/50	230/460&190/380	135/67.5&133/66.5	LINE OR INVERTER	CONTINUOUS	F1	1.15/1.15	40

FULL LOAD EFF:	93.6&93.6	3/4 LOAD EFF:	93.6	1/2 LOAD EFF:	91.7	GTD. EFF		ELEC. TYPE
FULL LOAD PF:	88.5&89.5	3/4 LOAD PF:	86.5	1/2 LOAD PF:	81	93		SQ CAGE INV RATED

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
88 LB-FT	950 / 475	185 LB-FT 210 %	245 LB-FT 278 %	55

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
75 dBA	85 dBA	8.5 LB-FT^2	40 LB-FT^2	20 SEC.	2	1000 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	TS	NONE	NONE	AISI 1045 (C-240)	CAST IRON
6312	6312						

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

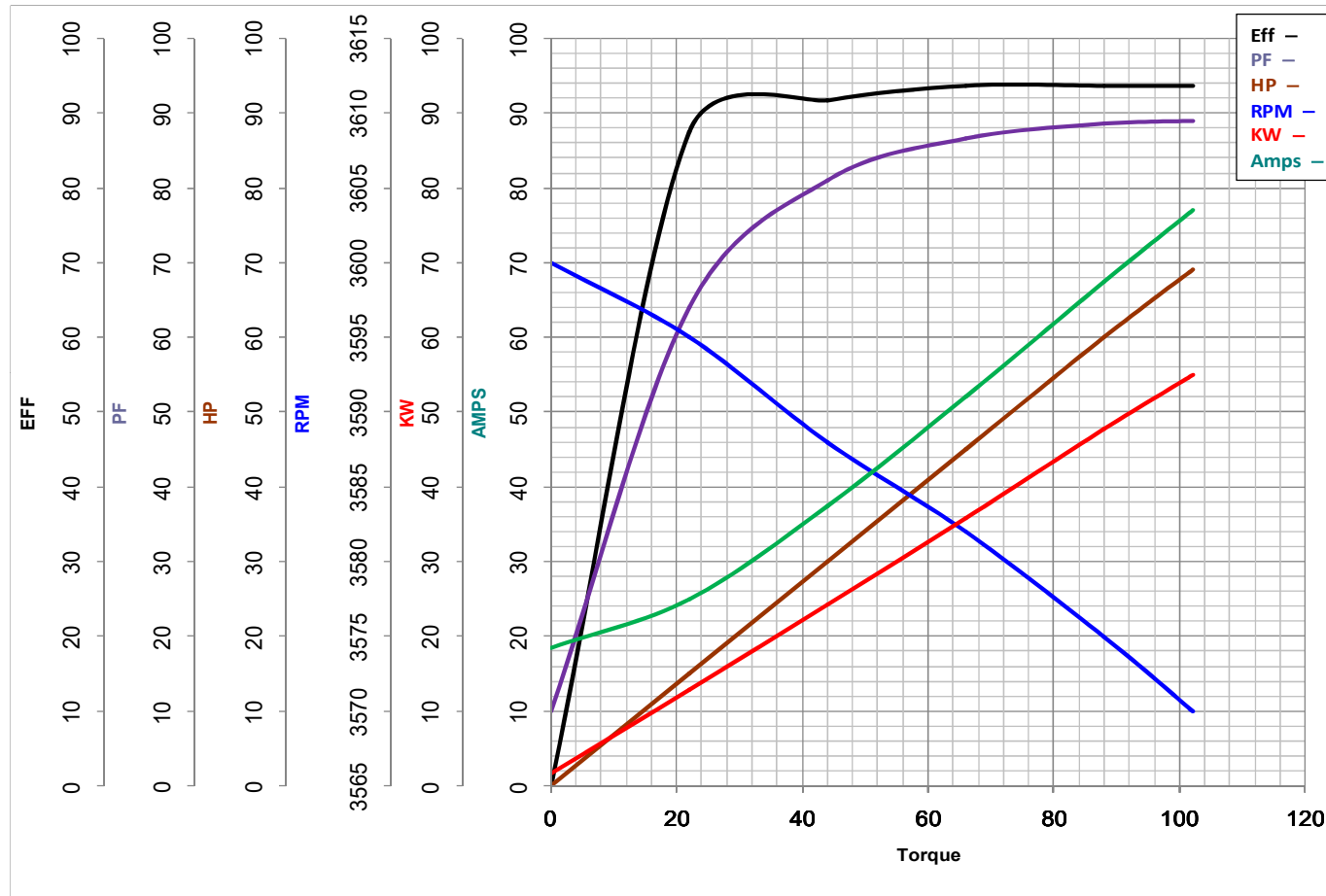
NONE NONE

NONE FT-LB NONE V NONE Hz

Model No 199033.00Catalog No 199033.00

LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Curve at 460
60
60
Volts
HZ
HPVolts
HZ
HPHP 60&50PHASE 3VOLTS 230/460&190/380HZ 60&50RPM 3575&2975

Torque in Lb.Ft

FL TORQUE 88 Lb.Ft
 BD TORQUE 245.0 Lb.Ft
 LR TORQUE 185 Lb.Ft

FL AMPS 135/67.5
 PU TORQUE 150.0 Lb.Ft
 LR AMPS 475

WINDING CHT36420001-1

Date 11/13/2018