

PRODUCT INFORMATION PACKET



Model No: 199038.00

Catalog No: 199038.00

Obsolete Replaced by B199038.00..75HP..1200RPM.405T.TEFC.230/460V.3PH.60HZ.CONT.40C.1.15SF.RIGID...
...GENERAL PURPOSE.....



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Nameplate Specifications

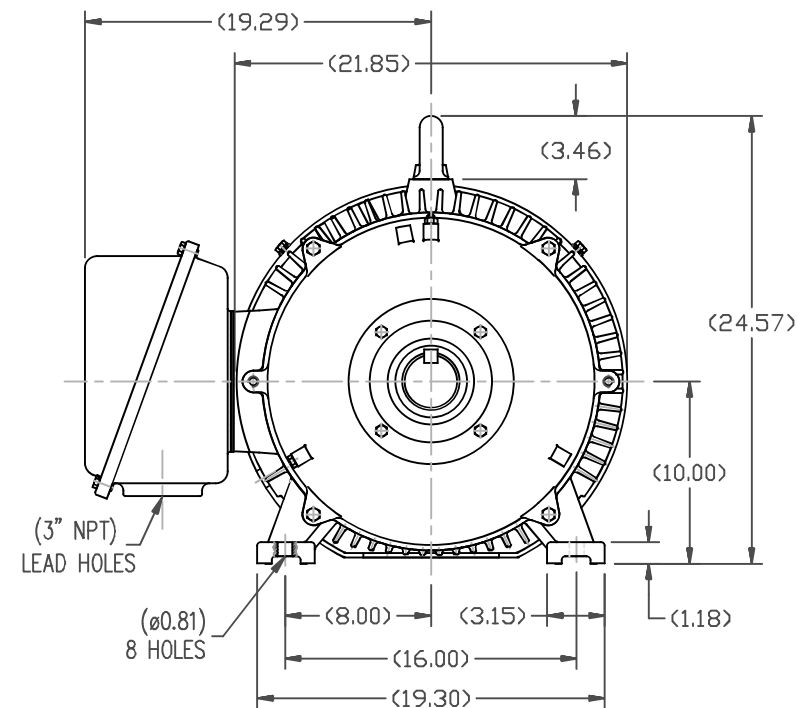
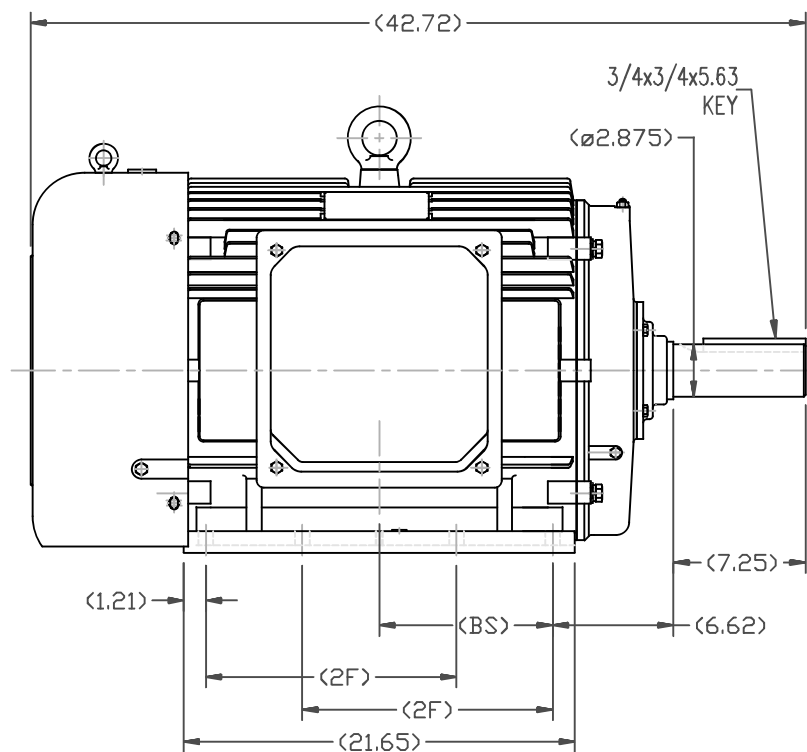
Phase	3	Output HP	75 & 60 Hp
Output KW	56.0 & 45.0 kW	Voltage	230/460 & 190/380 V
Speed	1188 & 988 rpm	Service Factor	1.15 & 1.15
Frame	405T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	94.5 & 94.1 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	178/89 & 170/85 A	Power Factor	84
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6316	Opp Drive End Bearing Size	6316
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	6	Rotation	Reversible
Resistance Main	.092 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 10:1		
Outline Drawing	SS620286-405T	Connection Drawing	A-EE7308AA-LE

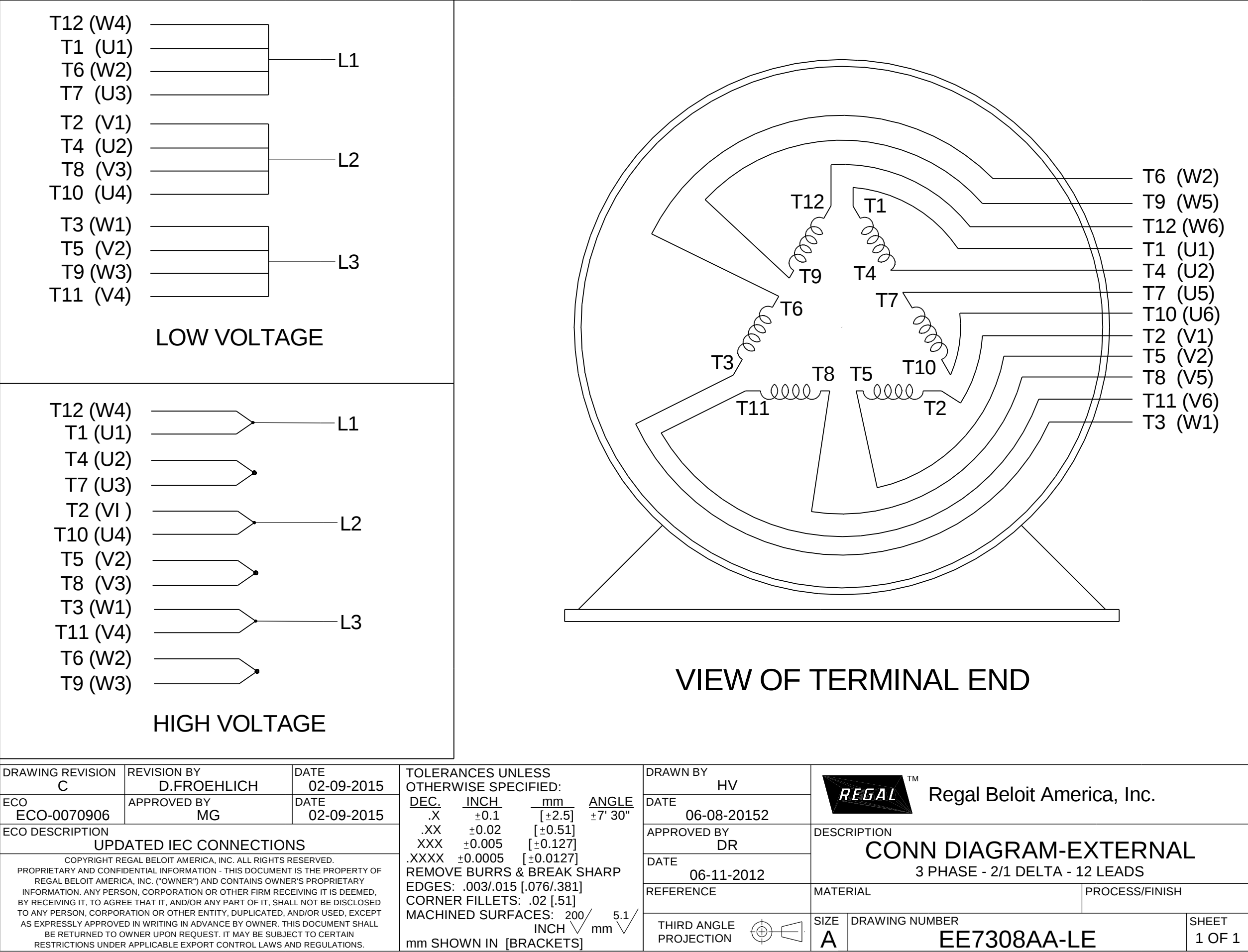
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SS620286



404T	12.25	---
405T	13.75	9.52
Frame	2F	BS

				TOLERANCES UNLESS SPECIFIED		REGAL - BELOIT CORPORATION		DRAWN HZJ 03-05-2010	
				DEC.	INCHES			CHK	ZYH 03-05-2010
				.X	±.1			APPD	CL 03-05-2010
				.XX	±.03	TITLE		SCALE	1=7
				.XXX	±.005	404/405T FR-TEFC-CAST IRON		REF	
1	ADDED 'BS' DIM. UPDATED TITLE BLOCK ECO-0048910	RFH04/07/2014	EH	.XXXX	±.0005	MAT'L		FMF	HWADA
NO.	REVISION	BY & DATE	CHK	ANG	±1/2	FINISH		PREV	
			RFP			CAD FILE SS620286		SIZE	DRAWING NO.
			DIST					B	SS620286
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								REV.	1





CERTIFICATION DATA SHEET

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

CONN. DIAGRAM: A-EE7308AA-LE

CATALOG #: 199038.00

OUTLINE: B-SS620286

MOUNTING: F1/F2 CAPABLE

WINDING #: CHT40560001 1

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
75&60	56.0&45.0	1200	1188&988	405T	TEFC	G	B

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
3	60/50	230/460&190/380	178/89&170/85	LINE OR INVERTER	CONTINUOUS	F1	1.15/1.15	40

FULL LOAD EFF:	94.5&94.1	3/4 LOAD EFF:	94.5	1/2 LOAD EFF:	94.1	GTD. EFF	ELEC. TYPE
FULL LOAD PF:	84&84	3/4 LOAD PF:	82	1/2 LOAD PF:	77	94.1	SQ CAGE INV RATED

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
332 LB-FT	1050 / 525	610 LB-FT 182 %	775 LB-FT 232 %	65

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
68 dBA	78 dBA	50 LB-FT^2	1200 LB-FT^2	25 SEC.	2	1650 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
6316	6316						

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 10:1

INV. HP SPEED RANGE: NONE

ENCODER: NONE

NONE NONE

NONE NONE PPR

BRAKE: NONE NONE

NONE P/N NONE

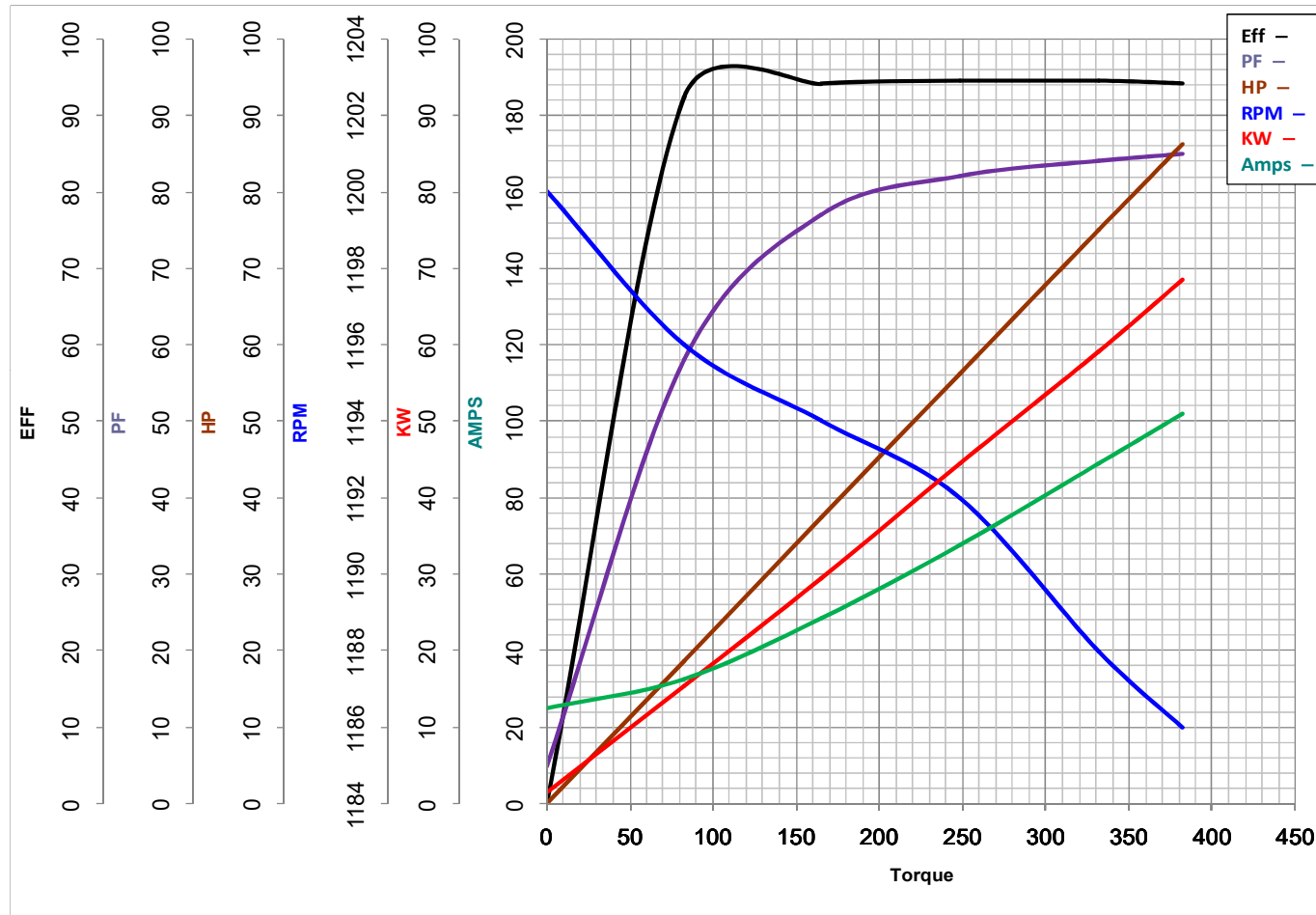
NONE NONE

NONE FT-LB NONE V NONE Hz



LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 199038.00Curve at 460
60
75Volts
HZ
HPHP 75&60PHASE 3VOLTS 230/460&190/380Catalog No 199038.00HZ 60&50RPM 1188&988

Torque in Lb.Ft

FL TORQUE 332 Lb.Ft
 BD TORQUE 775.0 Lb.Ft
 LR TORQUE 610 Lb.Ft

FL AMPS 178/89
 PU TORQUE 550.0 Lb.Ft
 LR AMPS 525

WINDING CHT40560001-1

Date 12/13/2018