

PRODUCT INFORMATION PACKET



Model No: 199995.00

Catalog No: 199995.00

Obsolete Replaced by B199995.00..40..1800.324JP.ODP.230/460.3.60/50HZ.CONT.40C..RIGID C-FACE.....

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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	1780 & 1485 rpm	Service Factor	1.15 & 1.0
Frame	324JP	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	94.5 & 94.1 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	95/47.5 & 87/43.5 A	Power Factor	83
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	F
Drive End Bearing Size	6312	Opp Drive End Bearing Size	6311
UL	Recognized	CSA	Y
CE	Y	IP Code	12
Number of Speeds	1		

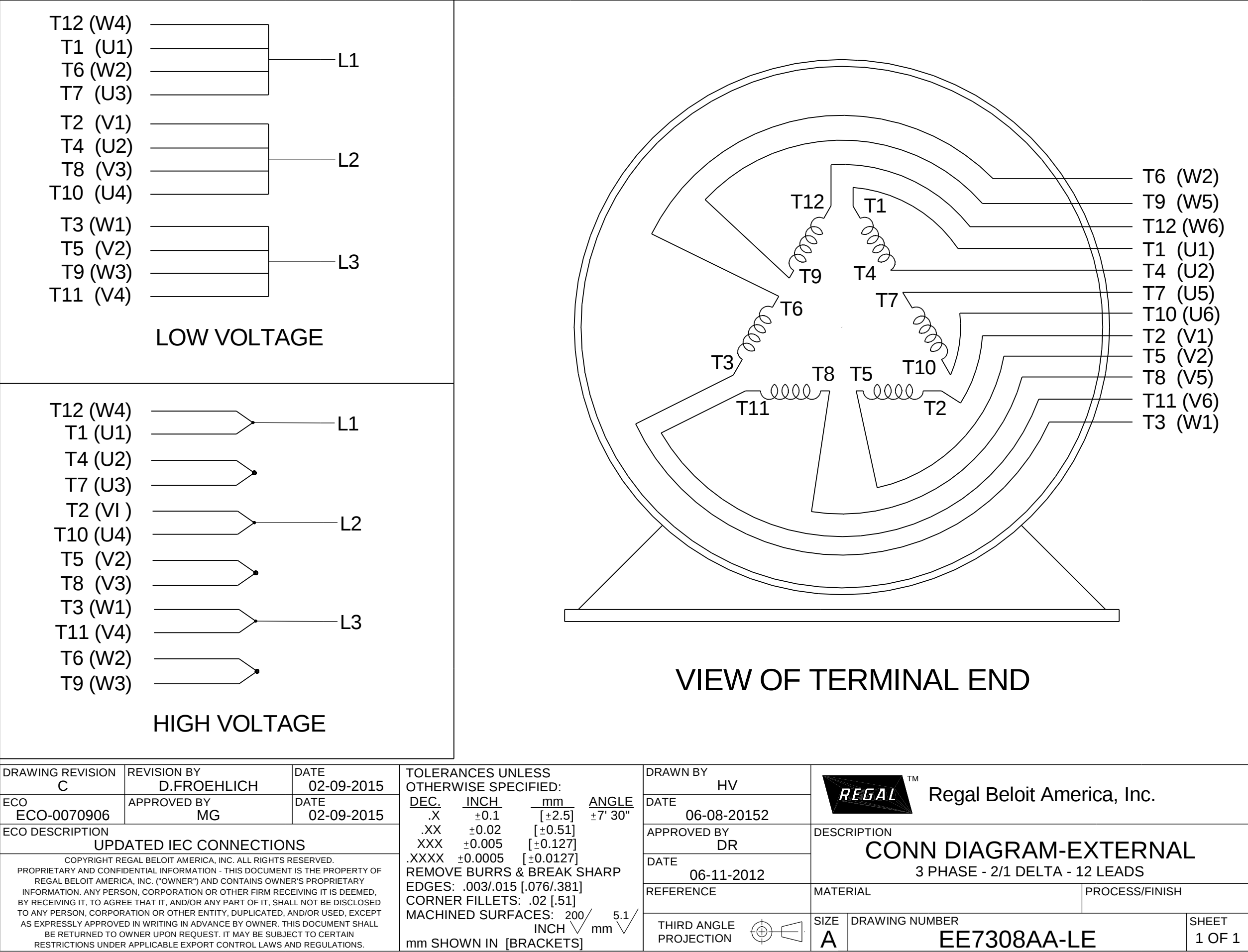
Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Wye Start Delta Run Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.1817 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	JP	Assembly/Box Mounting	F1/F2 CAPABLE
Inverter Load	CONSTANT 4:1		
Outline Drawing	SS620574-324T	Connection Drawing	EE7308AA-LE

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324T	10.50	15.99	31.82
326T	12.00	17.17	33.00
FRAME	2F	BB	C

				TOLERANCES UNLESS SPECIFIED		 REGAL-BELOIT CORPORATION		DRAWN VY 05-23-2012							
				DEC.	INCHES	TITLE OUTLINE DDP-324/326JP FR-CAST IRON		CHK ZYH 05-23-2012							
				.X	±.1			APPD WGH 05-23-2012							
				.XX	±.03			SCALE 1=6							
				.XXX	±.005			REF							
				.XXXX	±.0005	MAT'L			FMF HWADA						
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		SS620574	SIZE	DRAWING NO.	REV.		
						DIST						B	SS620574		





CERTIFICATION DATA SHEET

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

CONN. DIAGRAM: EE7308AA-LE

CATALOG #: 199995.00

OUTLINE: SS620574

MOUNTING: F1/F2 CAPABLE

WINDING #: CHT32440002 1

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
40&30	30.0&22.4	1800	1780&1485	324JP	DP	F	B

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
3	60/50	230/460&190/380	95/47.5&87/43.5	Y START D RUN OR INV	CONTINUOUS	F1	1.15/1.0	40

FULL LOAD EFF:	94.5&94.1	3/4 LOAD EFF:	94.1	1/2 LOAD EFF:	93.6	GTD. EFF		ELEC. TYPE
FULL LOAD PF:	83&83	3/4 LOAD PF:	80.5	1/2 LOAD PF:	72	93.6		SQ CAGE INV RATED

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B,D. TORQUE	F.L. RISE°C
118 LB-FT	504 / 252	189 LB-FT 161 %	289 LB-FT 245 %	30

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
60 dBA	70 dBA	9.5 LB-FT^2	- LB-FT^2	20 SEC.	2	575 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 - LEESON (ENAMEL)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	ODE						
BALL	BALL	POLYREX EM	JP	NONE	NONE	1045 HOT ROLLED (C-204)	CAST IRON
6312	6311						

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 4:1

INV. HP SPEED RANGE: NONE

ENCODER: NONE

NONE NONE

NONE NONE PPR

BRAKE: NONE NONE

NONE P/N NONE

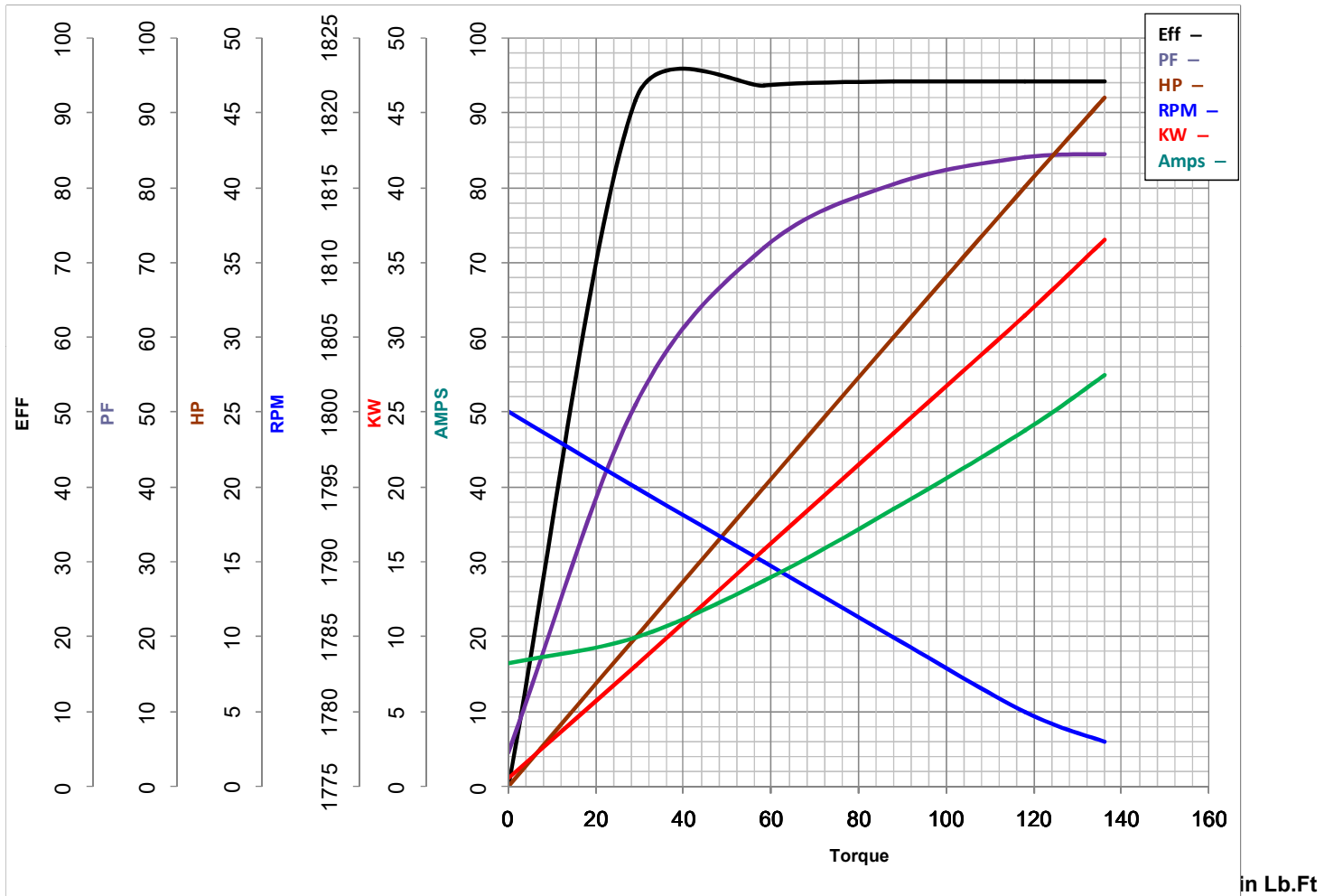
NONE NONE

NONE FT-LB NONE V NONE Hz



LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 199995.00Curve at 460
60
40Volts
HZ
HPHP 40&30PHASE 3VOLTS 230/460&190/380Catalog No 199995.00HZ 60&50RPM 1780&1485

FL TORQUE 118 Lb.Ft
 BD TORQUE 289.0 Lb.Ft
 LR TORQUE 189 Lb.Ft

FL AMPS 95/47.5
 PU TORQUE 171.0 Lb.Ft
 LR AMPS 252

WINDING CHT32440002-1

Date 10/29/2018