

PRODUCT INFORMATION PACKET



Model No: 194127.00

Catalog No: 194127.00

Obsolete Replaced by B194127.00..50..1800.326JP.TEFC.230/460.3.60/50HZ.CONT.40C..RIGID C-FACE.....

.....



Regal and Leeson are trademarks of Regal Rexnord Corporation or one of its affiliated companies.

©2023 Regal Rexnord Corporation, All Rights Reserved. MC017097E





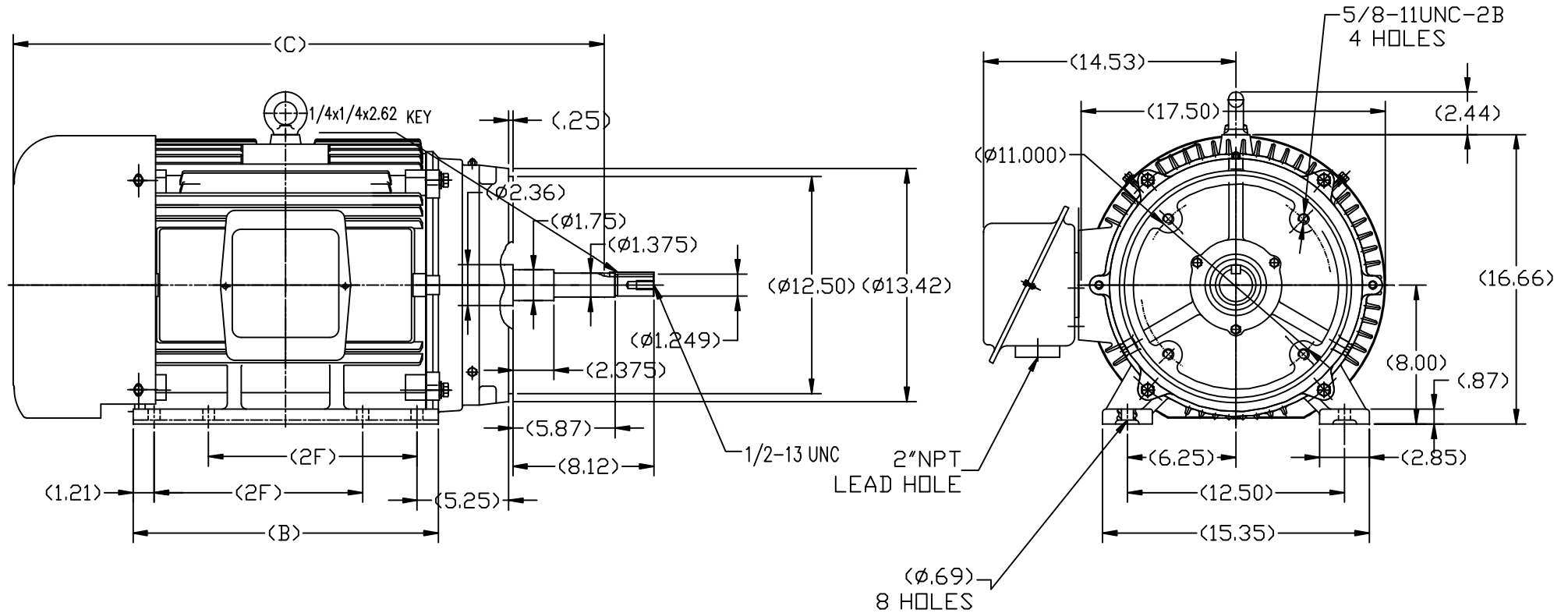
Nameplate Specifications

Phase	3	Output HP	50 & 40 Hp
Output KW	37.0 & 30.0 kW	Voltage	230/460 & 190/380 V
Speed	1780 & 1480 rpm	Service Factor	1.15 & 1.15
Frame	326JP	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	94.5 & 93.6 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	119/59.5 & 118/59 A	Power Factor	83
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6312	Opp Drive End Bearing Size	6311
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

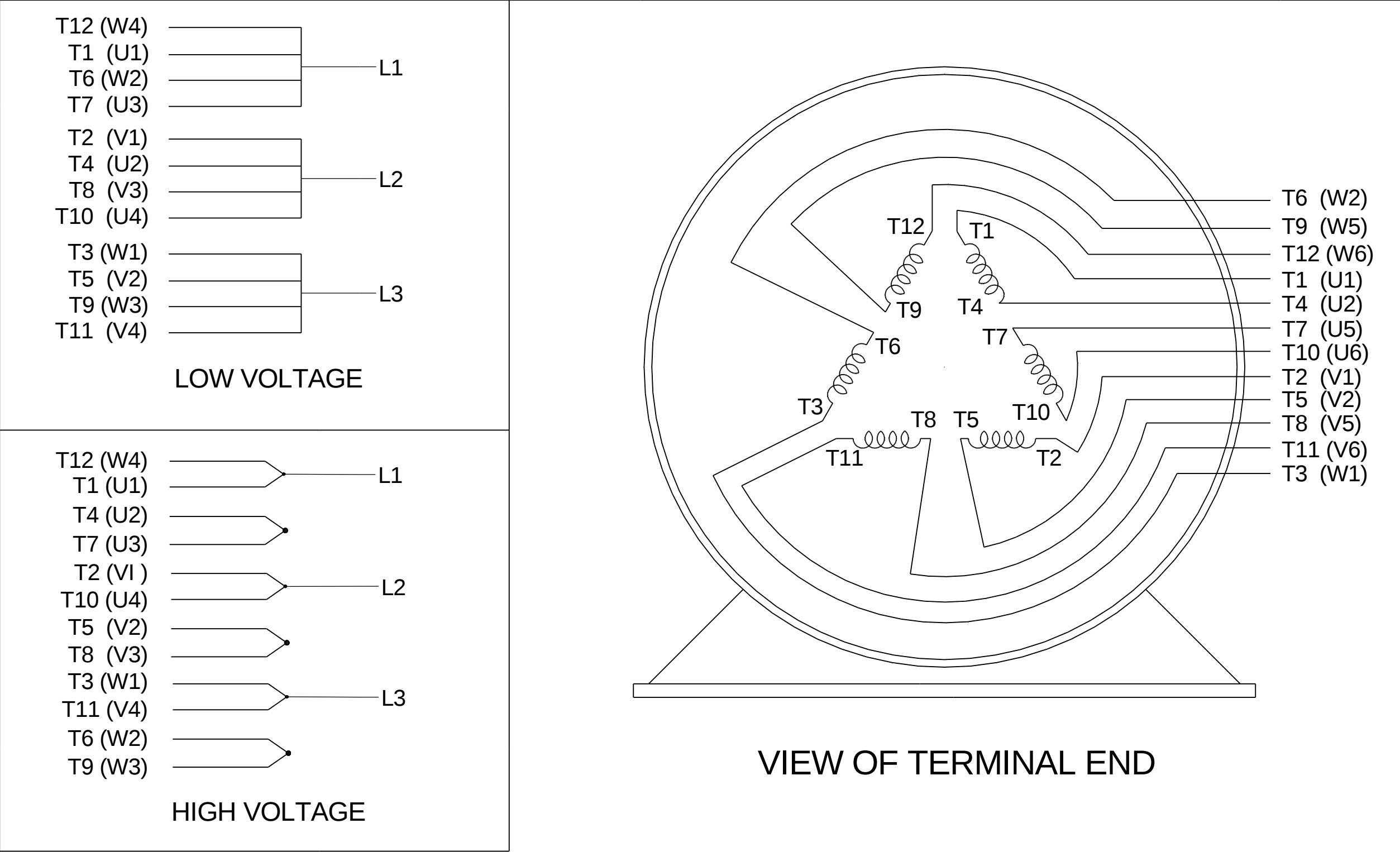
Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Wye Start Delta Run Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.113 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	JP	Assembly/Box Mounting	F1/F2 CAPABLE
Inverter Load	CONSTANT 10:1		
Outline Drawing	SS620569	Connection Drawing	EE7308AA-LE

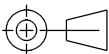
This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:06/22/2023



324T	35.81	16.38	10.50
326T	36.99	17.56	12.00
FRAME	C	B	2F

TOLERANCES UNLESS SPECIFIED		DEC. INCHES		REGAL-BELOIT CORPORATION		DRAWN VY 05-23-2012	
.X	±.1	TITLE OUTLINE TEFC-324/326JP FR-CAST IRON		CHK ZYH 05-23-2012		APPD WGH 05-23-2012	
.XX	±.03						
.XXX	±.005						
.XXXX	±.0005	MAT'L		REF		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	SS620569	SIZE
				DIST			DRAWING NO.
							B
							SS620569
							REV.



DRAWING REVISION C		REVISION BY D.FROEHLICH	DATE 02-09-2015	TOLERANCES UNLESS OTHERWISE SPECIFIED: <table><tr><td>DEC.</td><td>INCH</td><td>mm</td><td>ANGLE</td></tr><tr><td>.X</td><td>±0.1</td><td>[±2.5]</td><td>±7° 30"</td></tr><tr><td>.XX</td><td>±0.02</td><td>[±0.51]</td><td></td></tr><tr><td>.XXX</td><td>±0.005</td><td>[±0.127]</td><td></td></tr><tr><td>.XXXX</td><td>±0.0005</td><td>[±0.0127]</td><td></td></tr></table> REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [0.076/.381] CORNER FILLETS: .02 [51] MACHINED SURFACES: 200 INCH ✓ mm ✓ mm SHOWN IN [BRACKETS]	DEC.	INCH	mm	ANGLE	.X	±0.1	[±2.5]	±7° 30"	.XX	±0.02	[±0.51]		.XXX	±0.005	[±0.127]		.XXXX	±0.0005	[±0.0127]		DRAWN BY HV		 Regal Beloit America, Inc.		
DEC.	INCH	mm	ANGLE																										
.X	±0.1	[±2.5]	±7° 30"																										
.XX	±0.02	[±0.51]																											
.XXX	±0.005	[±0.127]																											
.XXXX	±0.0005	[±0.0127]																											
ECO ECO-0070906		APPROVED BY MG	DATE 02-09-2015	DATE 06-08-20152	DESCRIPTION CONN DIAGRAM-EXTERNAL 3 PHASE - 2/1 DELTA - 12 LEADS																								
ECO DESCRIPTION UPDATED IEC CONNECTIONS				APPROVED BY DR																									
COPYRIGHT REGAL BELOIT AMERICA, INC. ALL RIGHTS RESERVED. PROPRIETARY AND CONFIDENTIAL INFORMATION - THIS DOCUMENT IS THE PROPERTY OF REGAL BELOIT AMERICA, INC. ("OWNER") AND CONTAINS OWNER'S PROPRIETARY INFORMATION. ANY PERSON, CORPORATION OR OTHER FIRM RECEIVING IT IS DEEMED, BY RECEIVING IT, TO AGREE THAT IT, AND/OR ANY PART OF IT, SHALL NOT BE DISCLOSED TO ANY PERSON, CORPORATION OR OTHER ENTITY, DUPLICATED, AND/OR USED, EXCEPT AS EXPRESSLY APPROVED IN WRITING IN ADVANCE BY OWNER. THIS DOCUMENT SHALL BE RETURNED TO OWNER UPON REQUEST. IT MAY BE SUBJECT TO CERTAIN RESTRICTIONS UNDER APPLICABLE EXPORT CONTROL LAWS AND REGULATIONS.				DATE 06-11-2012	REFERENCE		MATERIAL		PROCESS/FINISH																				
				THIRD ANGLE PROJECTION			SIZE A	DRAWING NUMBER EE7308AA-LE		SHEET 1 OF 1																			



CERTIFICATION DATA SHEET

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

CONN. DIAGRAM: EE7308AA-LE

CATALOG #: 194127.00

OUTLINE: SS620569

MOUNTING: F1/F2 CAPABLE

WINDING #: CHT32640003 1

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
50&40	37.0&30.0	1800	1780&1480	326JP	TEFC	G	B

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
3	60/50	230/460&190/380	119/59.5&118/59	Y START D RUN OR INV	CONTINUOUS	F1	1.15/1.15	40

FULL LOAD EFF:	94.5&93.6	3/4 LOAD EFF:	94.5	1/2 LOAD EFF:	94.1	GTD. EFF		ELEC. TYPE
FULL LOAD PF:	83&83	3/4 LOAD PF:	80	1/2 LOAD PF:	71.5	93		SQ CAGE INV RATED

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
147.5 LB-FT	712 / 356	255 LB-FT 173 %	395 LB-FT 265 %	80

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
65 dBA	75 dBA	12 LB-FT^2	- LB-FT^2	20 SEC.	2	825 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

*

N

O

T

E

S

INVERTER TORQUE: CONSTANT 10:1

INV. HP SPEED RANGE: NONE

ENCODER: NONE

NONE NONE

NONE NONE PPR

BRAKE: NONE NONE

NONE P/N NONE

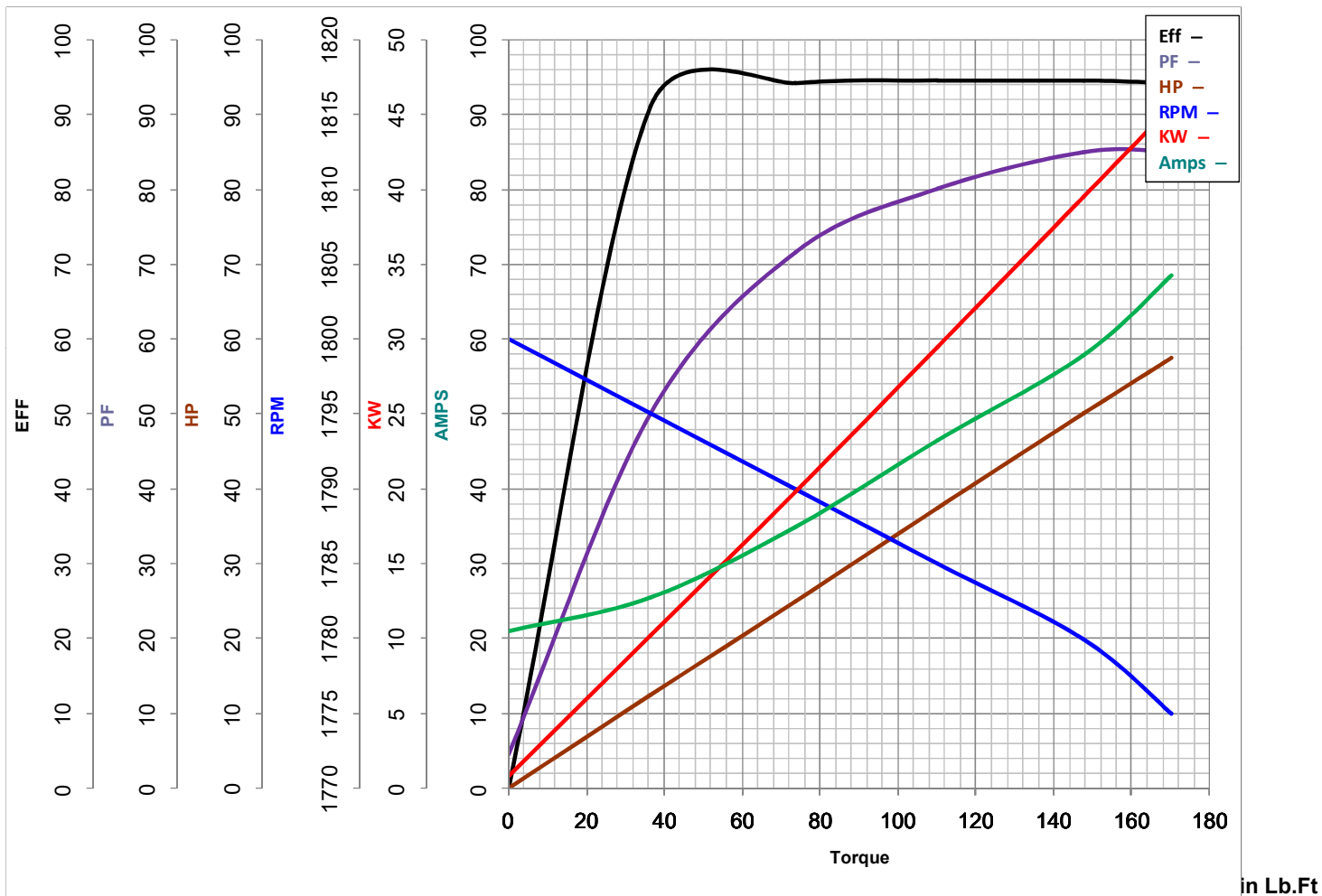
NONE NONE

NONE FT-LB NONE V NONE Hz



LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 194127.00Curve at 460
60
50Volts
HZ
HPHP 50&40PHASE 3VOLTS 230/460&190/380Catalog No 194127.00HZ 60&50RPM 1780&1480

FL TORQUE 147.5 Lb.Ft
 BD TORQUE 395.0 Lb.Ft
 LR TORQUE 255 Lb.Ft

FL AMPS 119/59.5
 PU TORQUE 210.0 Lb.Ft
 LR AMPS 356

WINDING CHT32640003-1

Date 10/30/2018