

PRODUCT INFORMATION PACKET



Model No: 194235.00

Catalog No: 194235.00

Obsolete Replaced by B194235.00..50HP..1200RPM.365T.TEFC.230/460V.3PH.60HZ.CONT.40C.1.15SF.RIGID...
...ROLLER BRGS.....



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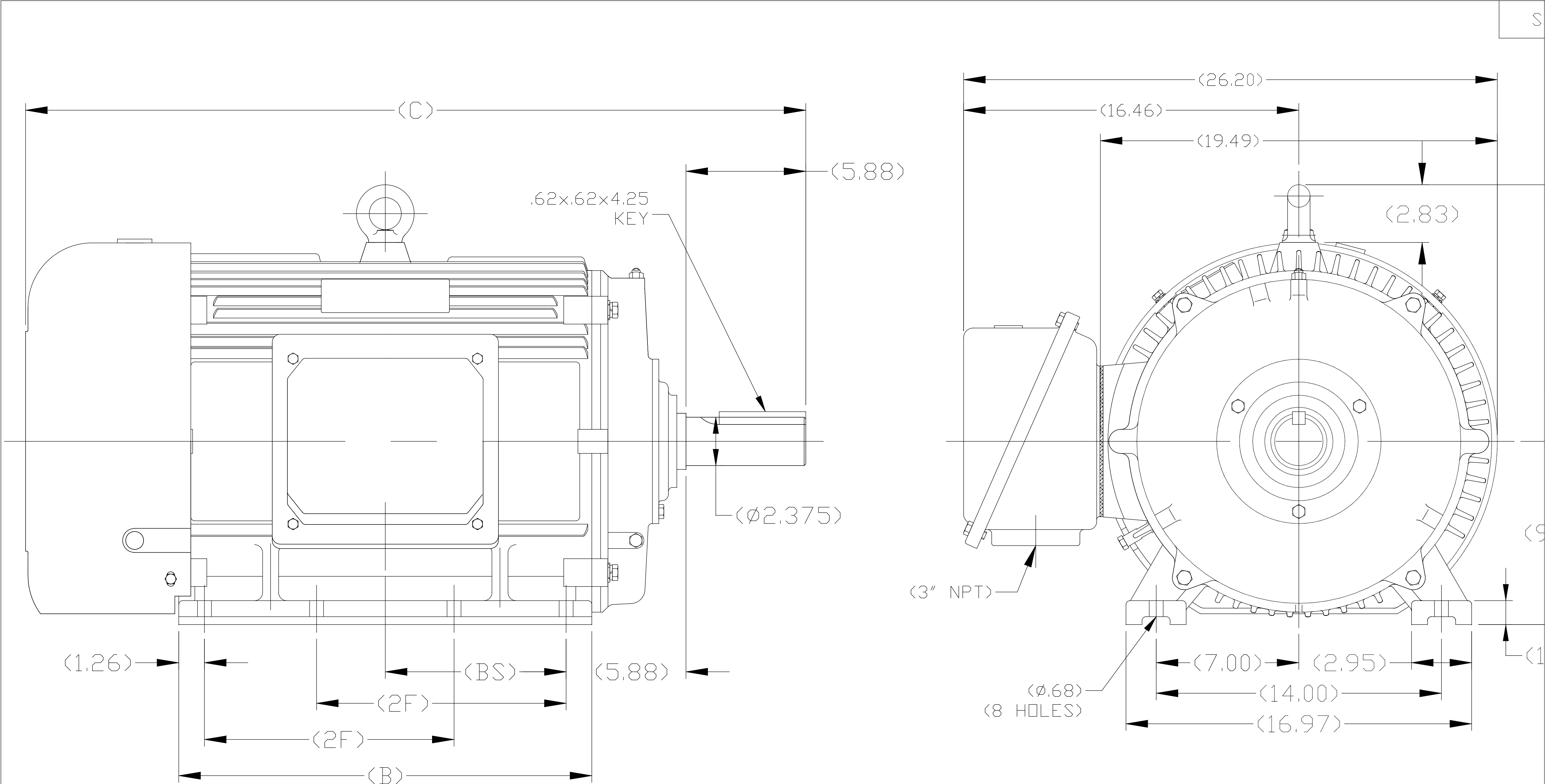
Nameplate Specifications

Phase	3	Output HP	50 & 40 Hp
Output KW	37.0 & 30.0 kW	Voltage	230/460 & 190/380 V
Speed	1188 & 988 rpm	Service Factor	1.15 & 1.15
Frame	365T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	94.1 & 93.6 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	117/58.5 & 114/57 A	Power Factor	83.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	NU314	Opp Drive End Bearing Size	6313
UL	Recognized	CSA	Y
CE	Y	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	.1241 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Roller
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Assembly/Box Mounting	F1/F2 CAPABLE
Inverter Load	CONSTANT 20:1		
Outline Drawing	SS620115	Connection Drawing	A-EE7308K-LE


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<DIMENSIONS IN TABLE ARE CONSIDERED REFFERENCE>


364T	36.61	18.50	11.25	7.99
365T	38.39	20.28	12.25	8.88
FRAME	C	B	2F	BS

<MAY NOT BE DRAWN TO SCALE>

				TOLERANCES UNLESS SPECIFIED		 REGAL - BELOIT CORPORATION	DR	
				DEC.	INCHES		CHK	
				.X	±.1		APP	
				.XX	±.03		SCA	
K	CORRECTED DESCRIPTION ECD-0112150	WGJ 10/31/16	EH	.XXX	±.005	TITLE 364/365T FR. - TEFC - CAST IRON	REF	
1	ADDED 'BS' DIM. PER. ECD-0048910	RFH04/07/2014	EH	.XXXX	±.0005		FMF	
NO.	REVISION	BY & DATE	CHK	ANG	±1/2	FINISH	PRE	
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 SS620115		SIZE	DRAWING NO.
			DIST				B	SS62

LOW VOLTAGEHIGH VOLTAGE

VIEW OF TERMINAL END

				TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN KJC 01-27-2003			
				DEC.	INCHES		CHK ML 01-28-2003			
				.X	±.1		APPD TB 01-28-2003			
				.XX	±.02	TITLE CONNECTION DIAGRAM DELTA CONN. - 3Ø - 9 LEADS	SCALE 1.5=1			
				.XXX	±.005		REF			
01	NEW DRAWING CN36099	KJC 01-28-2003	TB	.XXXX	±.0005	MAT'L.	FMF			
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	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 EE7308K-LE	SIZE	DRAWING NO.	PAGE	OF	REV.
				DIST WP		A	EE7308K-LE			01



CERTIFICATION DATA SHEET

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

CONN. DIAGRAM: A-EE7308K-LE

CATALOG #: 194235.00

OUTLINE: SS620115

MOUNTING: F1/F2 CAPABLE

WINDING #: CHT36560001 1

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
50&40	37.0&30.0	1200	1188&988	365T	TEFC	G	B

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
3	60/50	230/460&190/380	117/58.5&114/57	LINE OR INVERTER	CONTINUOUS	F7	1.15/1.15	40

FULL LOAD EFF:	94.1&93.6	3/4 LOAD EFF:	94.1	1/2 LOAD EFF:	93.6	GTD. EFF		ELEC. TYPE
FULL LOAD PF:	83.5&83.5	3/4 LOAD PF:	80	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
221 LB-FT	720 / 360	425 LB-FT 192 %	630 LB-FT 285 %	60

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
68 dBA	78 dBA	27.5 LB-FT^2	900 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
STANDARD	STANDARD	RIGID	HORIZONTAL	FALSE	NONE	FALSE	NONE	BLUE (ENAMEL)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	ODE						
ROLLER	BALL	POLYREX EM	T	NONE	NONE	AISI 1045 (C-240)	CAST IRON
NU314	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 20:1

INV. HP SPEED RANGE: NONE

ENCODER: NONE

NONE NONE

NONE NONE PPR

BRAKE: NONE NONE

NONE P/N NONE

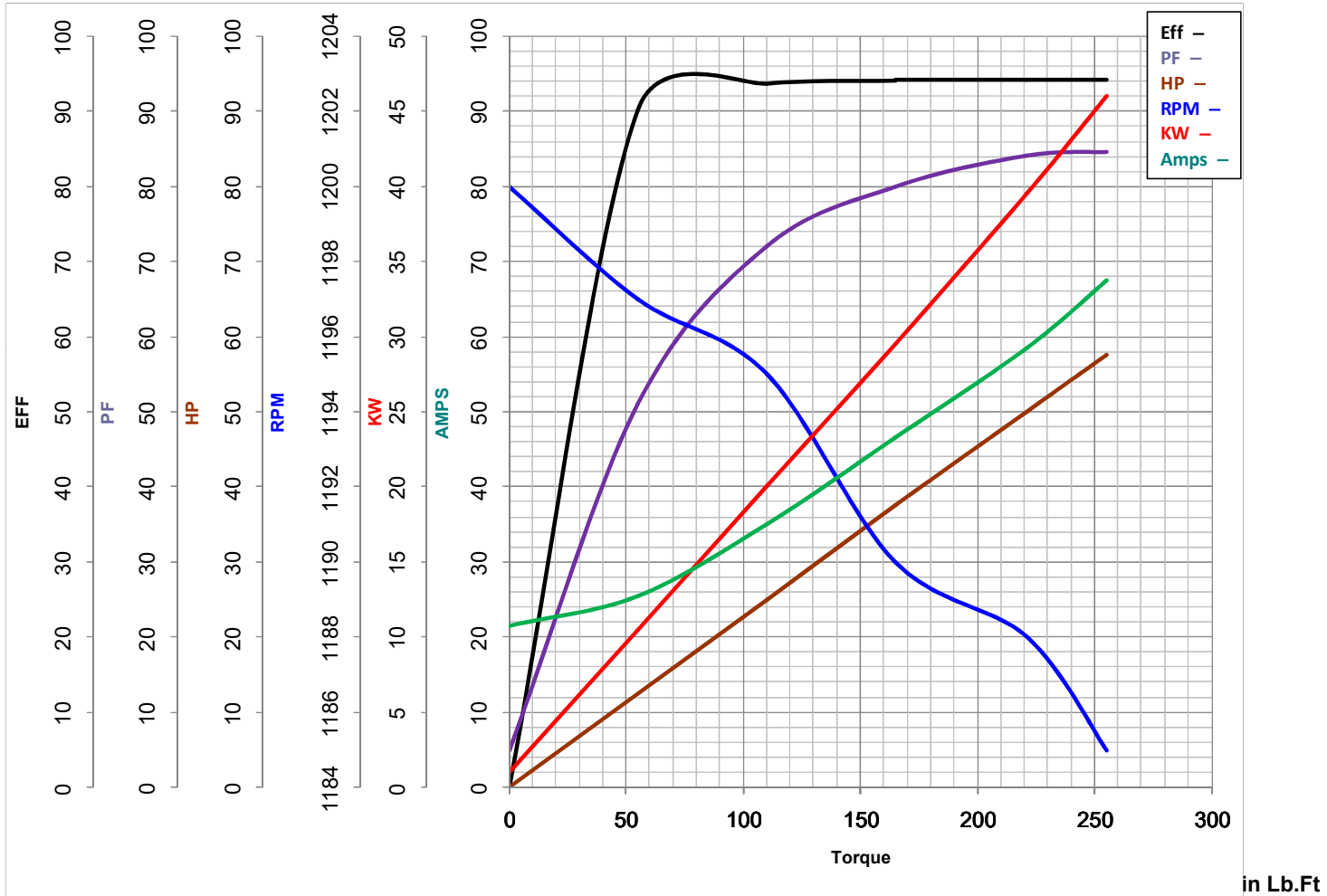
NONE NONE

NONE FT-LB NONE V NONE Hz



LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 194235.00Curve at 460
60
50Volts
HZ
HPHP 50&40PHASE 3VOLTS 230/460&190/380Catalog No 194235.00HZ 60&50RPM 1188&988

FL TORQUE 221 Lb.Ft
 BD TORQUE 630.0 Lb.Ft
 LR TORQUE 425 Lb.Ft

FL AMPS 117/58.5
 PU TORQUE 350.0 Lb.Ft
 LR AMPS 360

WINDING CHT36560001-1

Date 12/13/2018