

# PRODUCT INFORMATION PACKET

Model No: 326TTFC6633  
Catalog No: Y818A  
50,1800,TEFC,326T,3/60/230/460  
Other Purpose



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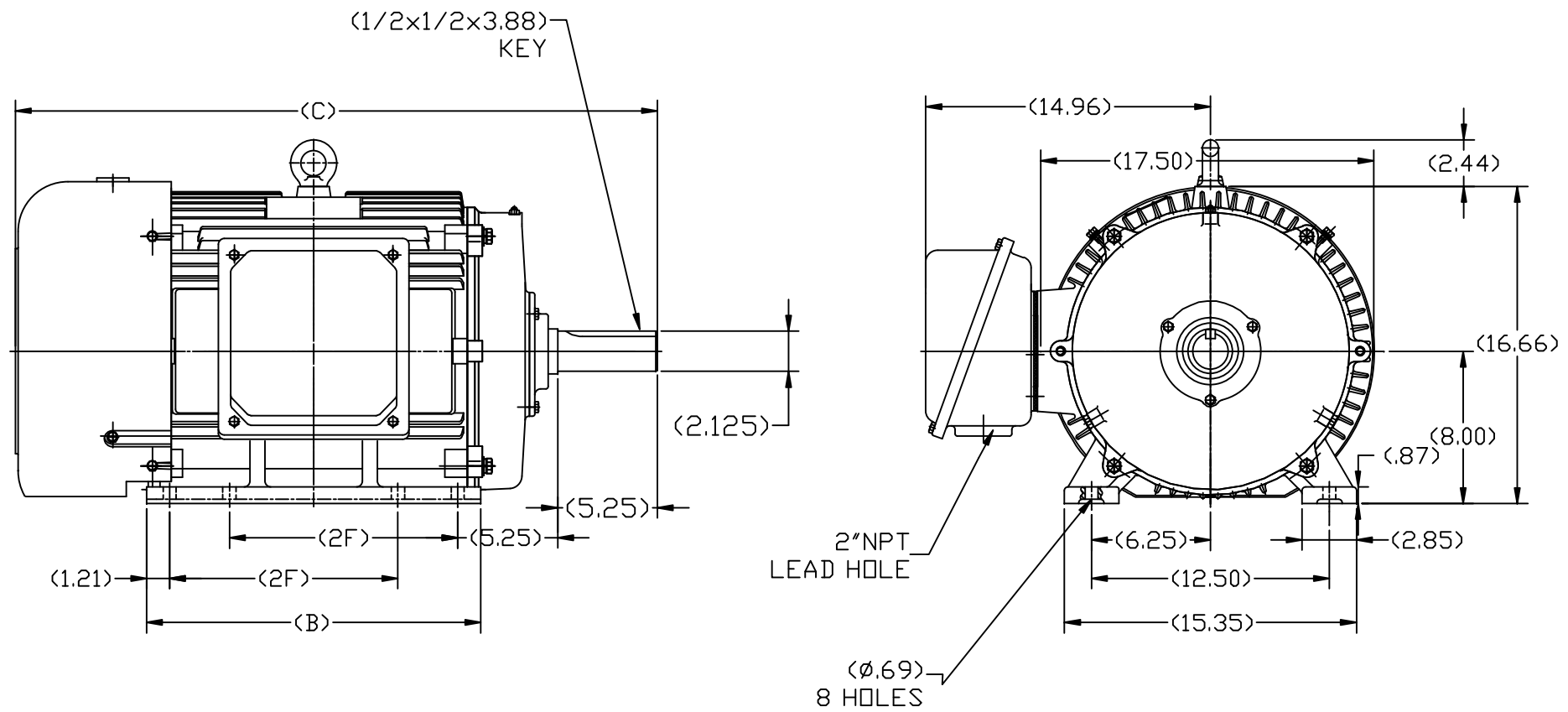
### Nameplate Specifications

Output HP	<b>50 Hp</b>	Output KW	<b>37 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>230/460 V</b>
Current	<b>116/58 A</b>	Speed	<b>1780 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>3</b>
Efficiency	<b>94.5 %</b>	Duty	<b>CONTINUOUS</b>
Insulation Class	<b>F</b>	Design Code	<b>C</b>
KVA Code	<b>G</b>	Frame	<b>326T</b>
Enclosure	<b>TEFC</b>	Overload Protector	<b>NOT</b>
Ambient Temperature	<b>40 °C</b>	Drive End Bearing Size	<b>NU312</b>
Opp Drive End Bearing Size	<b>6311</b>	UL	<b>Recognized</b>
CSA	<b>Y</b>	CE	<b>Y</b>
IP Code	<b>55</b>		

### Technical Specifications

Electrical Type	<b>SQ CAGE INV RATED</b>	Starting Method	<b>PWS &amp; YDRUN OR INV</b>
Poles	<b>4</b>	Rotation	<b>REV</b>
Mounting	<b>RIGID</b>	Motor Orientation	<b>HORIZONTAL</b>
Drive End Bearing	<b>ROLLER</b>	Opp Drive End Bearing	<b>BALL</b>
Frame Material	<b>CAST IRON</b>	Shaft Type	<b>T</b>
Overall Length	<b>33.86 in</b>	Shaft Diameter	<b>2.13 in</b>
Shaft Extension	<b>5.25 in</b>	Assembly/Box Mounting	<b>F1/F2 CAPABLE</b>
Outline Drawing	<b>SS620209</b>	Connection Diagram	<b>EE7308AA</b>

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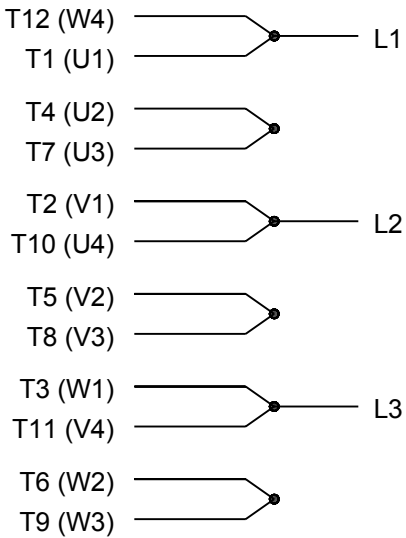


324T	32.68	16.38	10.50
326T	33.86	17.56	12.00
FRAME	C	B	2F

		TOLERANCES UNLESS SPECIFIED		REGAL REGAL-BELOIT CORPORATION		DRAWN ZDU 7.17.2012			
		DEC.	INCHES			CHK			
		.X	±.1			APPD			
		.XX	±.03	TITLE		SCALE			
		.XXX	±.005	324/326T FR. TEFC-SEVERE DUTY		REF			
		.XXXX	±.0005	MAT'L.		FMF			
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	SS620209	SIZE	DRAWING NO.	REV.
				DIST			B	SS620209	



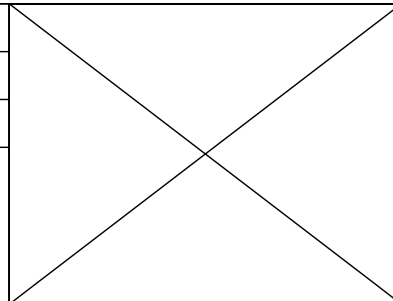
### LOW VOLTAGE



### HIGH VOLTAGE



DRAWING REVISION <b>K</b>	REVISION BY <b>AJW</b>	DATE <b>07-17-2015</b>
ECO <b>ECO-0081632</b>	APPROVED BY <b>T. VUE</b>	DATE <b>07-17-2015</b>
ECO DESCRIPTION <b>REV'D IEC MARKINGS PER IEC 60034-8</b>		
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DRAWN BY <b>LZ</b>	<b>Regal Beloit America, Inc.</b>	
DATE <b>01-12-1994</b>		
APPROVED BY <b>GK</b>	DESCRIPTION <b>CONN DIAGRAM-EXTERNAL</b> <b>3Ø-2/1 DELTA-12 LEADS</b>	
DATE <b>01-14-1994</b>		
REFERENCE	MATERIAL	PROCESS/FINISH
THIRD ANGLE PROJECTION	SIZE <b>A</b>	DRAWING NUMBER <b>EE7308AA</b>
		SHEET <b>1 OF 1</b>





Data Sheet

3261TC6633



Submittal  
Data @ 460 V

Date: 6/19/2017

Customer:  
Attention:  
Submitted by:

FAREEDA DUDEKULA

Motor Load Data

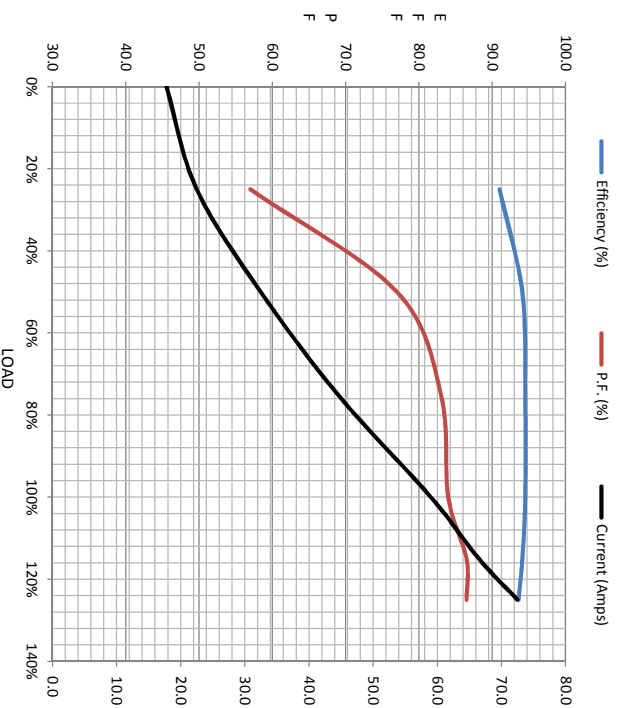
Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	17.8	22.5	32.5	44.5	59.0	66.5	72.5	362
Torque (ft-lb)	0.00	36.5	73.5	110	147	170	185	350
RPM	1800	1795	1790	1785	1780	1,778	1775	0
Efficiency (%)		91.0	94.1	94.5	94.5	94.1	93.6	
P.F. (%)	5.0	57.0	77.0	83.0	84.0	86.5	86.5	40.0

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (rpm)	0	970	1715	1780	1800
Current (Amps)	362	325	190	59.0	17.8
Torque (ft-lb)	350	300	365	147	0.00

Information Block

HP	50.0
Sync. RPM	1800
Frame	326
Enclosure	TEFC
Construction	TFC
Voltage	30/460#190/38 V
Frequency	60 Hz
Design	B
LR Code letter	G
Service Factor	1.15
Temp Rise @ FL	65 °C
Duty	CONT
Ambient	40 °C
Elevation	1,000 feet
Rotor/Shaft wkt	12.0 Ld-Fe
Rel Wdg	CHT32640009 NONE
Sound Pressure @ 1M	65 dBA
VFD Rating	CONSTANT 10:1
Outline Dwg	SS620209
Conn. Diag	EE7308AA
Additional Specifications:	
0	
0	
EQUIV CKT (OHMS / PHASE)	
R1	R2
0.0850	0.0540
X1	X2
0.3970	0.1720
Xm	Xm
	14.8440



Speed - Torque Curve

