

# PRODUCT INFORMATION PACKET

Model No: 326UTFS16526  
Catalog No: 326UTFS16526  
30,1800,TEFC,326U,3/60/460

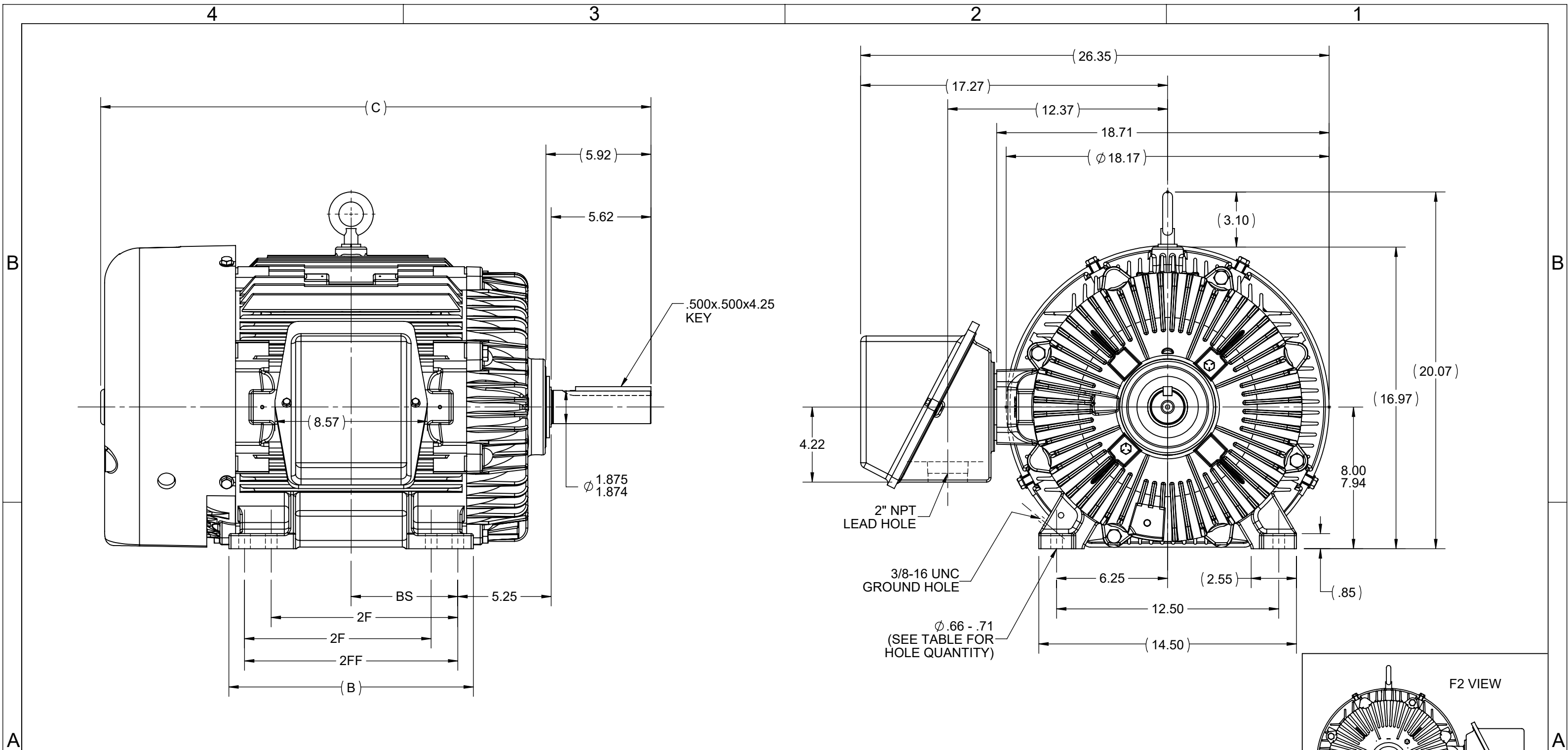
### Nameplate Specifications

Phase	<b>3</b>	Output HP	<b>30 Hp</b>
Output KW	<b>22.4 kW</b>	Voltage	<b>460 V</b>
Speed	<b>1780 rpm</b>	Service Factor	<b>1.15</b>
Frame	<b>326U</b>	Enclosure	<b>Totally Enclosed Fan Cooled</b>
Thermal Protection	<b>No Protection</b>	Efficiency	<b>94.1 %</b>
Ambient Temperature	<b>40 °C</b>	Frequency	<b>60 Hz</b>
Current	<b>36.0 A</b>	Power Factor	<b>84</b>
Duty	<b>Continuous</b>	Insulation Class	<b>F</b>
Design Code	<b>B</b>	KVA Code	<b>G</b>
Drive End Bearing Size	<b>6312</b>	Opp Drive End Bearing Size	<b>6311</b>
UL	<b>Recognized</b>	CSA	<b>Y</b>
CE	<b>Y</b>	IP Code	<b>56</b>
Number of Speeds	<b>1</b>		

### Technical Specifications

Electrical Type	<b>Squirrel Cage Induction Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>4</b>	Rotation	<b>Reversible</b>
Resistance Main	<b>.17 Ohms</b>	Mounting	<b>Rigid Base</b>
Motor Orientation	<b>Horizontal</b>	Drive End Bearing	<b>Ball</b>
Opp Drive End Bearing	<b>Ball</b>	Frame Material	<b>Cast Iron</b>
Shaft Type	<b>U</b>	Assembly/Box Mounting	<b>F1/F2 CAPABLE</b>
Outline Drawing	<b>SS313068-1300</b>	Connection Drawing	<b>EE7300</b>

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- NOTES:
1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS.
  2. CONDUIT BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°.
  3. NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

DASH	FRAME	C	B	BS	2F	2FF	--	MTG HOLES
1150	324T	29.46	13.00	5.25	--	10.50		4
1300	324/6T	30.96	14.50	6.00	10.50	12.00		8
1450	326T	32.46	15.00	6.75	12.00	13.50		8

DRAWING REVISION B	REVISION BY NR	REV DATE/© DATE 16/05/2023
REQUEST NUMBER CR-0014783	APPROVED BY TS	DATE 16/05/2023
REQUEST NUMBER DESCRIPTION UPDATED DRAWING		
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TOLERANCES (EXCEPT AS NOTED):

DEC.	INCH	mm	ANGLE
.X	±0.1	[±3]	±7' 30"
.XX	±0.03	[±0.8]	
.XXX	±0.005	[±0.13]	
.XXXX	±0.0005	[±0.013]	

REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.08/.38] X 45°  
CORNER FILLETS: R.02 [.5]  
MACHINED SURFACES: 200  $\sqrt{\text{mm}}$  5.1  $\sqrt{\text{INCH}}$

mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY

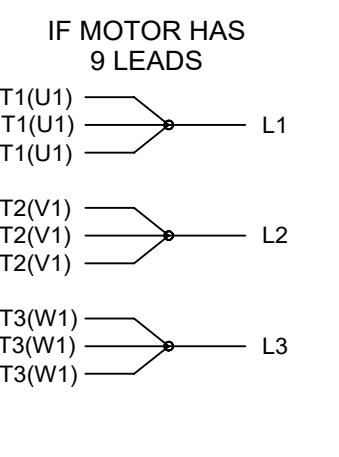
DRAWN BY DINESH	DATE 01/07/2020
APPROVED BY VMR	DATE 01/07/2020
REFERENCE SS300575	THIRD ANGLE PROJECTION

<b>Regal Rexnord</b>		Regal Beloit America, Inc.	
DESCRIPTION		OUTLINE	
300U FR. - TEFC		PROCESS/FINISH	
SIZE B	DRAWING NUMBER SS313068	SHEET 1 OF 1	

THREE PHASE - SINGLE VOLTAGE  
MOTOR - CONDUIT BOX @ 'A'

TERMINAL BLOCK WHEN SPECIFIED

TO REVERSE ROTATION:  
INTERCHANGE ANY TWO LINE  
LEAD CONNECTIONS



VIEW OF TERMINAL END

**OPTIONAL CORD CONNECTION**

L1	WHITE
L2	RED
L3	BLACK

DRAWING REVISION AC	REVISION BY BS	REV DATE/© DATE 26/07/2022
REQUEST NUMBER CR-0010402	APPROVED BY SN	DATE 26/07/2022
REQUEST NUMBER DESCRIPTION DRAWING UPDATED		
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PRIMARY DIMENSIONS ARE INCH  
mm DIMENSIONS IN [BRACKETS]  
ARE FOR REFERENCE ONLY

DRAWN BY DA
DATE 03-26-1993
APPROVED BY TB
DATE 03-26-1993
REFERENCE
THIRD ANGLE PROJECTION

		Regal Beloit America, Inc.	
DESCRIPTION <b>CONNECTION DIAGRAM</b> EXTERNAL - SINGLE VOLTAGE - 3Ø MOTOR			
MATERIAL		PROCESS/FINISH	
SIZE <b>A</b>	DRAWING NUMBER <b>EE7300</b>		SHEET 1 OF 1

Data Sheet

Date: 6/21/2024  
 Customer: \_\_\_\_\_  
 Attention: \_\_\_\_\_  
 Submitted by: VESHNU G



326UTFS16526

Submittal

Data @ 460 V

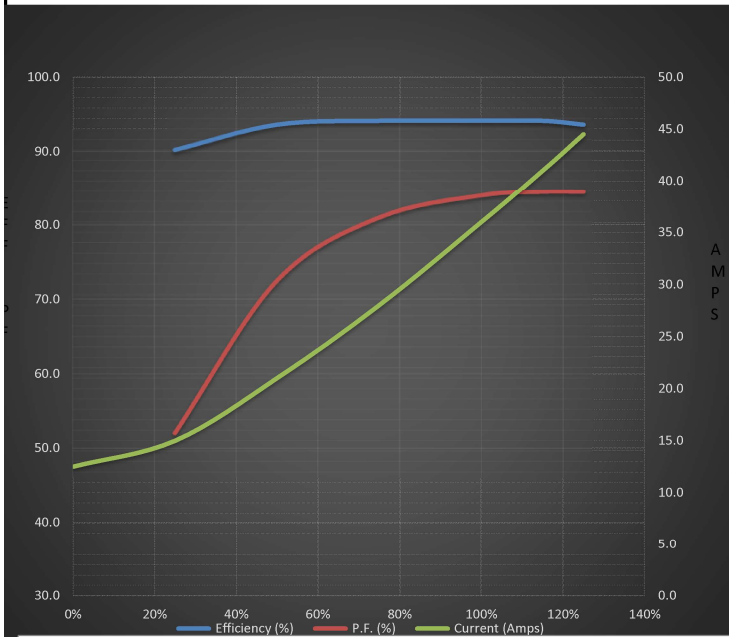
Motor Load Data

Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	12.5	15.0	21.0	28.0	36.0	41.0	44.5	210
Torque (ft-lb)	0.00	22.0	44.0	66.2	88.5	102	112	150
RPM	1800	1795	1790	1785	1780	1,775	1772	0
Efficiency (%)		90.2	93.6	94.1	94.1	94.1	93.6	
P.F. (%)	5.5	52.0	72.5	81.0	84.0	84.5	84.5	31.0

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	900	1700	1780	1800
Current (Amps)	210	190	120	36.0	12.5
Torque (ft-lb)	150	125	210	88.5	0.00

Information Block				
HP	30.0			
Sync. RPM	1800			
Frame	326			
Enclosure	TEFC			
Construction	TFS			
Voltage	460 V			
Frequency	60 Hz			
Design	B			
LR Code letter	G			
Service Factor	1.15			
Temp Rise @ FL	45 ° C			
Duty	CONT			
Ambient	40 ° C			
Elevation	3,300 feet			
Rotor/Shaft wk <sup>2</sup>	8.8 Lb-Ft <sup>2</sup>			
Ref Wdg	K3244147 NONE			
Sound Pressure @ 1M	65 dBA			
VFD Rating	NONE			
Outline Dwg	SS313068-1300			
Conn. Diag	EE7300			
Additional Specifications:				
0				
0				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
0.1000	0.0910	0.8510	1.2170	23.8110



Speed - Torque Curve

