

PRODUCT INFORMATION PACKET



Model No: 324THFPA18045
Catalog No: 324THFPA18045
30,1800,TEFC,324T,3/60/50/230/460
Miscellaneous

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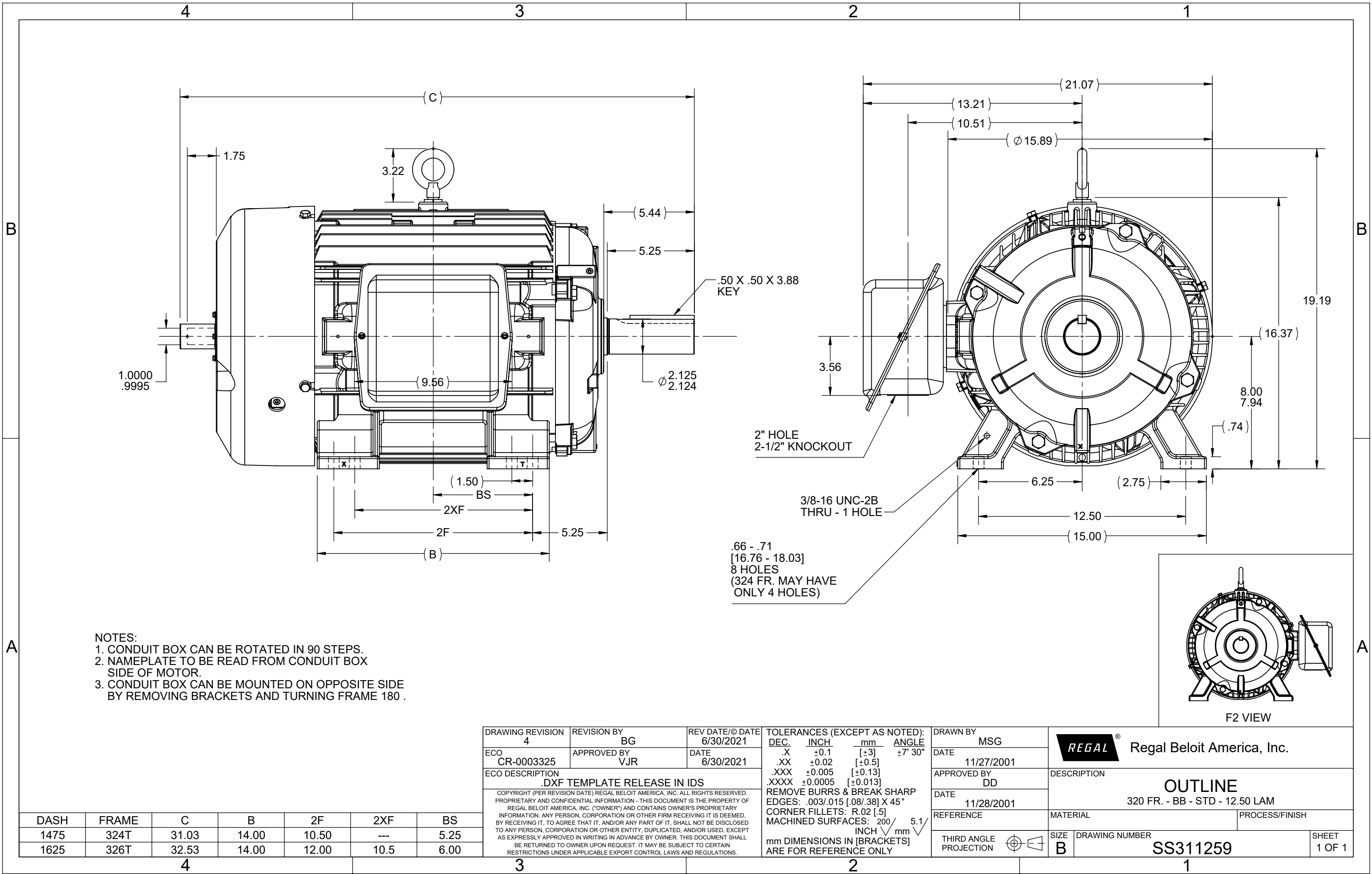
Nameplate Specifications

Output HP	30 Hp	Output KW	22.4 kW
Frequency	60 Hz	Voltage	230/460 V
Current	79.0/39.5 A	Speed	1778 rpm
Service Factor	1	Phase	3
Efficiency	91.7 %	Power Factor	77
Duty	Continuous	Insulation Class	H
Design Code	B	KVA Code	J
Frame	324T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Thermostats (N/C)	Ambient Temperature	40 °C
Drive End Bearing Size	312	Opp Drive End Bearing Size	311
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Duty	Starting Method	Inverter Only
Poles	4	Rotation	Reversible
Resistance Main	.124 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	B-SS311259-1475	Connection Drawing	A-EE7308T

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DASH	FRAME	C	B	2F	2XF	BS
1475	324T	31.03	14.00	10.50	---	5.25
1625	326T	32.53	14.00	12.00	10.5	6.00

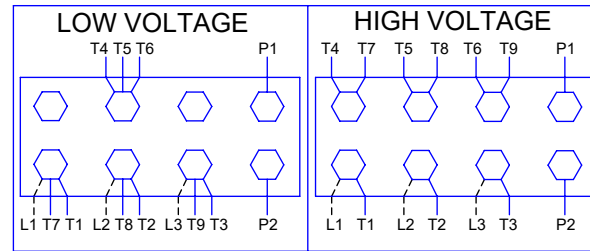
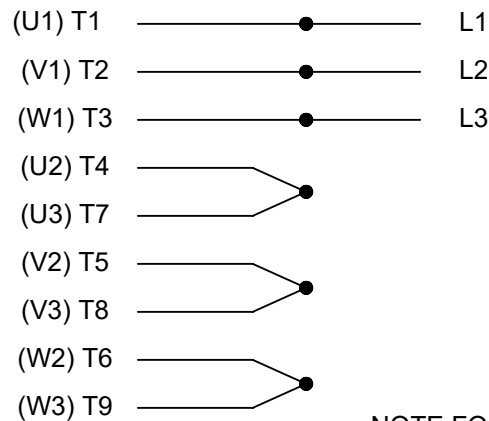
DRAWING REVISION	REVISION BY	REV DATE/© DATE
4	BG	6/30/2021
ECO	APPROVED BY	DATE
CR-0003325	VJR	6/30/2021
ECO DESCRIPTION		
DXF TEMPLATE RELEASE IN IDS		
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TOLERANCES (EXCEPT AS NOTED):			
DEC.	INCH	mm	ANGLE
.X	±0.1	[±3]	±7° 30"
.XX	±0.02	[±0.5]	
.XXX	±0.005	[±0.13]	
.XXXX	±0.0005	[±0.013]	
REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [Ø.38] X 45°			
CORNER FILLETS: R.02 [.5]			
MACHINED SURFACES: 200 INCH 5.1 mm			
mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY			

DRAWN BY	MSG
DATE	11/27/2001
APPROVED BY	DD
DATE	11/28/2001
REFERENCE	
THIRD ANGLE PROJECTION	

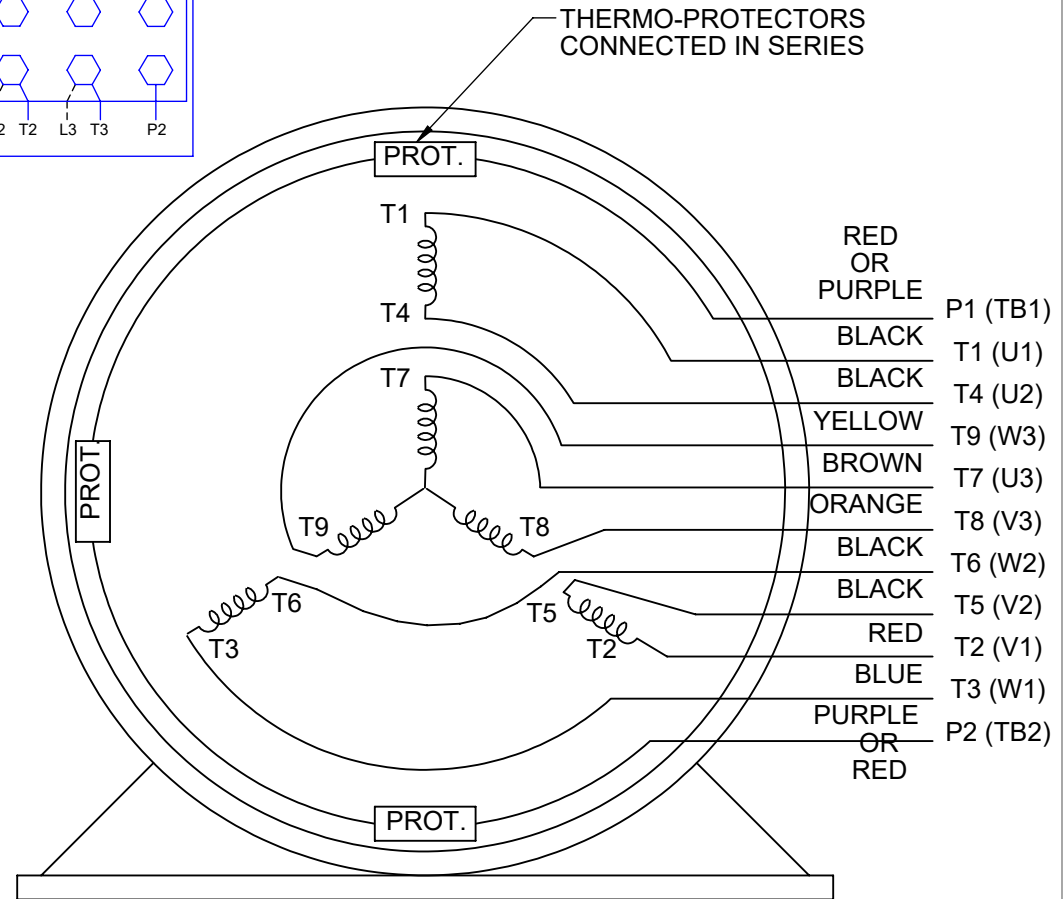
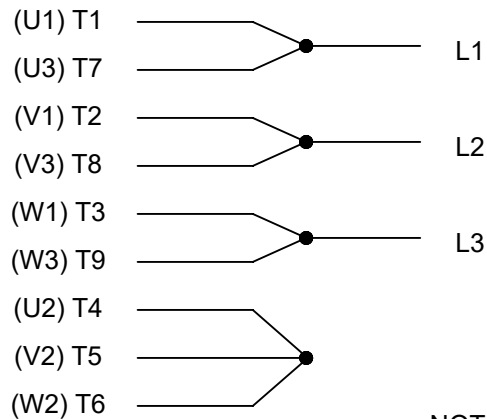
REGAL® Regal Beloit America, Inc.			
DESCRIPTION			
OUTLINE			
320 FR. - BB - STD - 12.50 LAM			
MATERIAL		PROCESS/FINISH	
SIZE	DRAWING NUMBER	SHEET	
B	SS311259	1 OF 1	

HIGH VOLTAGE

THREE PHASE
DUAL VOLTAGE MOTOR

NOTE FOR FACTORY USE ONLY:
TO SURGE TEST FOR COMMON CONNECT:
HIGH VOLT: CONNECT P1 TO T1
THEN P2 TO L1
LOW VOLT: CONNECT P1 TO T1 & T7,
THEN P2 TO L1

LOW VOLTAGE



VIEW OF TERMINAL END

NOTE: LEAD'S COLOR CAN BE YELLOW OR WHITE FOR MT2 PLANT

DRAWING REVISION T	REVISION BY ZR	DATE 01-14-2019
ECO ECO-0159915	APPROVED BY DR	DATE 01-15-2019

ECO DESCRIPTION
ADDED TERMINAL CONNECTION DIAGRAM

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DRAWN BY
SMC

DATE
05-13-1992

APPROVED BY
TB

DATE
05-13-1992

REFERENCE
EE7308/EE7300

THIRD ANGLE
PROJECTION



Regal Beloit America, Inc.

DESCRIPTION

CONN DIAGRAM-INTERNAL
3 PHASE - DUAL VOLTAGE MOTOR

MATERIAL

PROCESS/FINISH

SIZE
A

DRAWING NUMBER

EE7308T

SHEET
1 OF 1