

PRODUCT INFORMATION PACKET

Model No: 324TTGS11034
Catalog No: 324TTGS11034
30,1500,EPFC,324T,3/50/380

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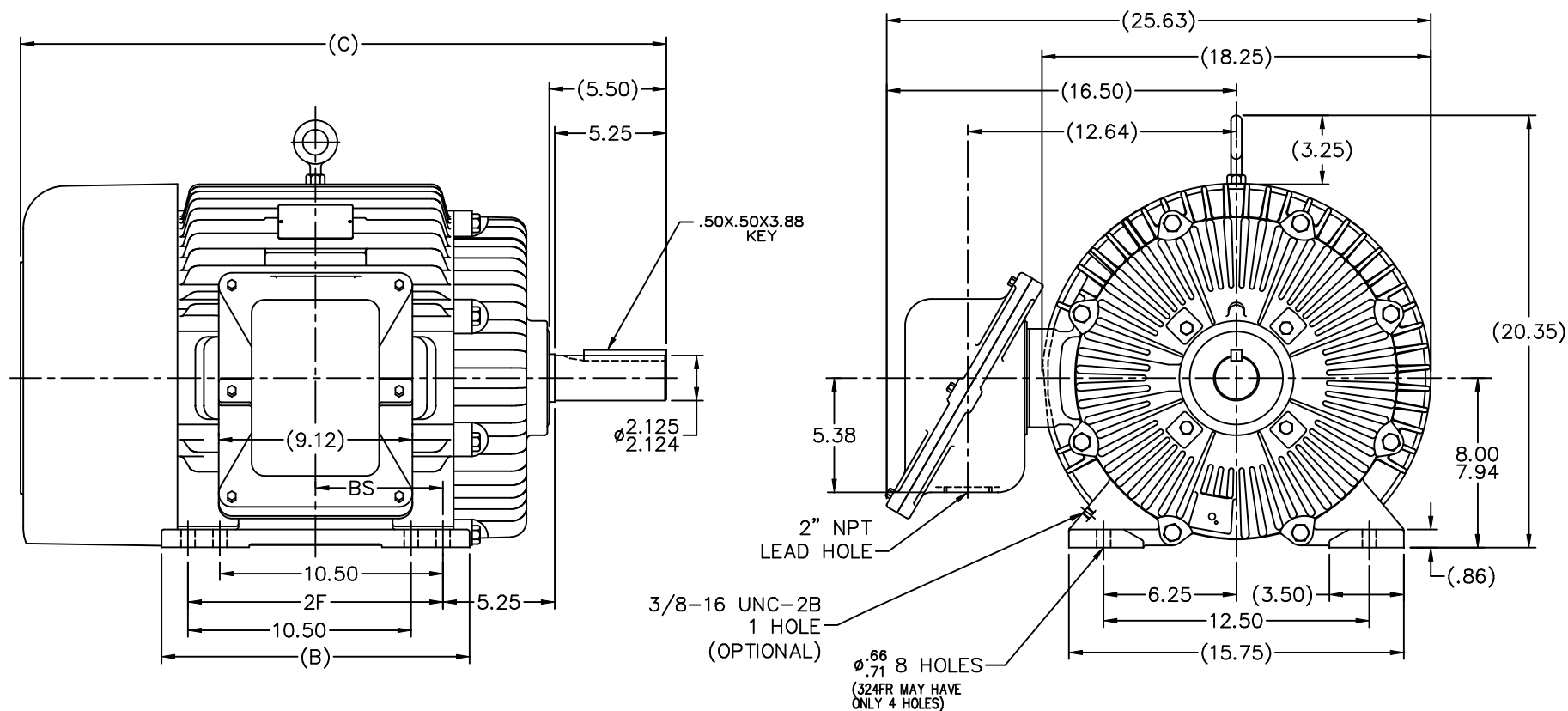
Nameplate Specifications

Output HP	30 Hp	Output KW	22.4 kW
Frequency	50 Hz	Voltage	380 V
Current	44.0 A	Speed	1480 rpm
Service Factor	1.15	Phase	3
Efficiency	93.6 %	Power Factor	82
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Frame	324T	Enclosure	Explosion Proof Fan cooled
Thermal Protection	Thermostat	Ambient Temperature	30 °C
Drive End Bearing Size	6312	Opp Drive End Bearing Size	6311
UL	No	CSA	N
CE	N	IP Code	55
Hazardous Location	EXP PROOF CL I GR C&D T3B	Number of Speeds	1

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.14 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 ONLY
Inverter Load	CONSTANT 4:1		
Outline Drawing	B-SS301018-1300	Connection Drawing	A-EE7300T

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NOTES:

1. BOX CAN BE ROTATED IN 90° STEPS.
2. 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.

												TOLERANCES UNLESS SPECIFIED				DRAWN CAV 11-29-2000											
											DEC. INCHES				CHK DRS 12-01-2000												
											.X ±.1				APPD DD 12-04-2000												
											.XX ±.02		TITLE OUTLINE 320T FR. - BB - TS - EXP. PR.		SCALE 1=5												
											.XXX ±.005				REF												
									1		NEW DRAWING MU34659		CAV 06-29-2001				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 ss301018		SIZE B		DRAWING NO. SS301018		PAGE OF 2	
																		DIST LB									
1150 324T 28.87 ---- 13.00 10.50 ---- 5.25																											
1300 324/326T 30.37 ---- 14.50 12.00 ---- 6.00																											
DASH			FRAME		C		AG		B		2F		2FF		2FFF		BS										

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

TO REVERSE ROTATION:
INTERCHANGE ANY TWO LINE
LEAD CONNECTIONS

NOTE FOR FACTORY USE ONLY:
TO SURGE TEST:
FOR 3 LEAD COMMON CONNECT:
CONNECT P1 TO T1 THEN P2 TO L1
FOR 6 LEAD COMMON CONNECT:
CONNECT P1 TO BOTH T1
THEN P2 TO L1

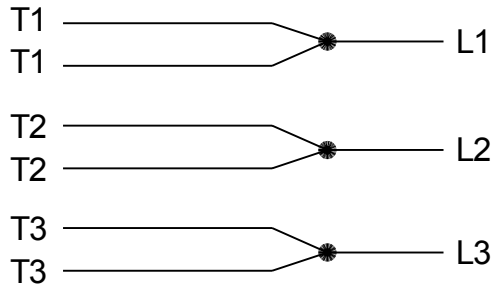
TERMINAL BLOCK WHEN SPECIFIED



PURPLE P1 (TB1)
BLACK T1 (U1)
RED T2 (V1)
BLUE T3 (W1)
PURPLE P2 (TB2)

T2BM
T6AW
T6AL
T6Z
T4EG
T4BF
T8A
T6H
T6A
T4AX
T4A
T2A
T2F

IF MOTOR HAS MULTIPLE
T'S PER LEAD CONNECT
TOGETHER LIKE T'S



A-9806 DECAL

VIEW OF TERMINAL END

DRAWING REVISION AB	REVISION BY AJW	DATE 07-17-2015
ECO ECO-0081632	APPROVED BY T.VUE	DATE 07-17-2015
ECO DESCRIPTION REV'D IEC MARKINGS PER IEC-60034-8		
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DRAWN BY LZ
DATE 01-04-1994
APPROVED BY GK
DATE 01-20-1994
REFERENCE
THIRD ANGLE PROJECTION

 Regal Beloit America, Inc.		
DESCRIPTION CONN DIAGRAM-EXTERNAL 3Ø-SINGLE VOLT-MOTOR WITH PROTECTOR		
MATERIAL	PROCESS/FINISH	
SIZE A	DRAWING NUMBER EE7300T	SHEET 1 OF 1