

PRODUCT INFORMATION PACKET



Model No: 324THFPA18033
Catalog No: 324THFPA18033
40,1800,TEFC,324T,3/60/575
Miscellaneous

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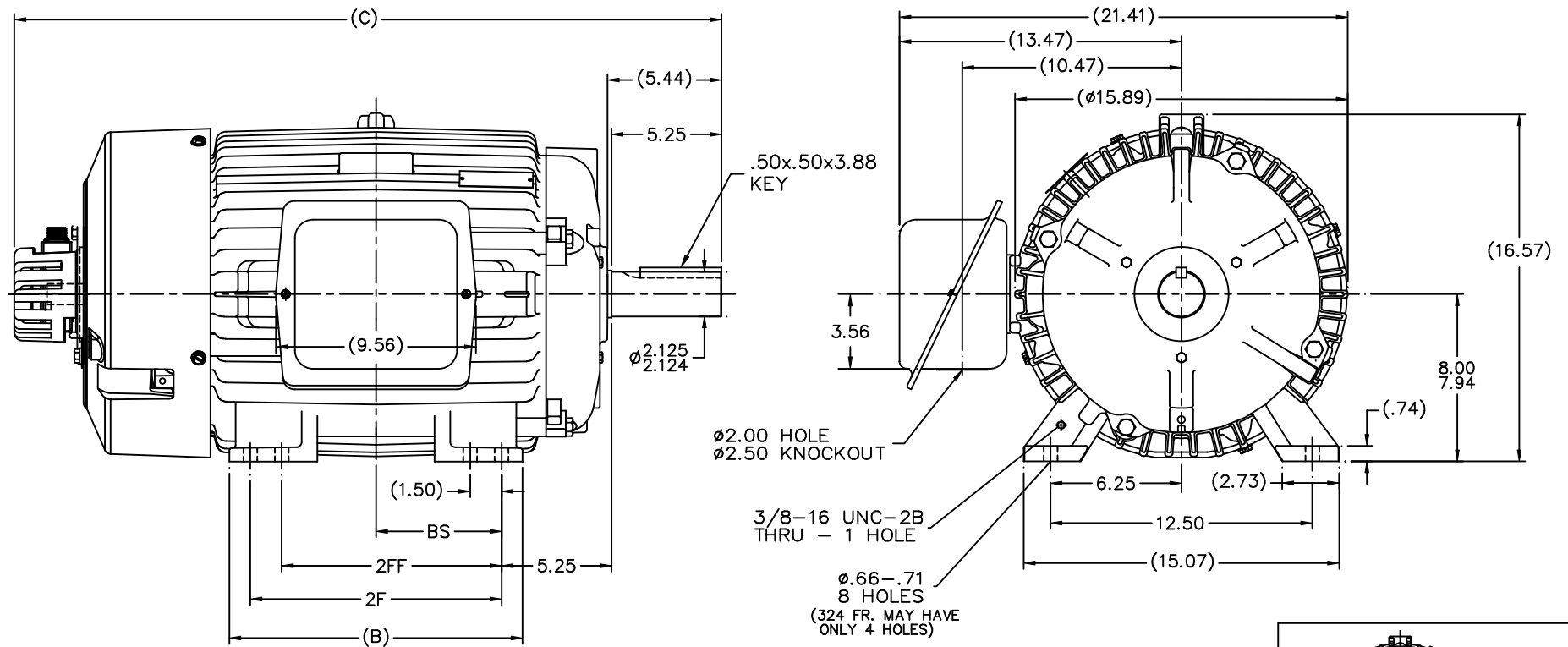
Nameplate Specifications

Output HP	40 Hp	Output KW	29.8 kW
Frequency	60 Hz	Voltage	575 V
Current	40.0 A	Speed	1770 rpm
Service Factor	1	Phase	3
Efficiency	91.7 %	Power Factor	81.5
Duty	Continuous	Insulation Class	H
Design Code	A	KVA Code	G
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	No	CSA	Y
IP Code	43	Number of Speeds	1

Technical Specifications

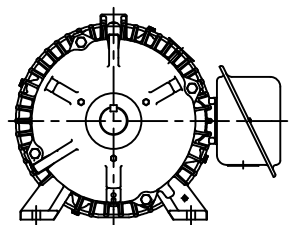
Electrical Type	Squirrel Cage Inverter Duty	Starting Method	Inverter Only
Poles	4	Rotation	Reversible
Resistance Main	.124 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	B-SS311259A-1475	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 DRS 05-30-2002			
										DEC.		INCHES				CHK ML 05-30-2002			
										.X		±.1				APPD GK 05-30-2002			
										.XX		±.03		TITLE OUTLINE - TFPA - STEEL C'BOX 320 FR. - BB - STD - 12.50 LAM - HS35		SCALE 1=5			
										.XXX		±.005				REF			
										.XXXX		±.0005				MAT'L			
								1 NEW DRAWING		DRS 05-30-2002						FMP			
								NO.		REVISION		BY & DATE		CHK		ANG		FINISH	
														RFP		CAD FILE ss311259a		SIZE B DRAWING NO. SS311259A PAGE OF 1 REV. 1	
														DIST LB					

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



VIEW OF TERMINAL END

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



A-9806 DECAL

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

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	 Regal Beloit America, Inc.	
DATE 01-04-1994		
APPROVED BY GK	DESCRIPTION CONN DIAGRAM-EXTERNAL 3Ø-SINGLE VOLT-MOTOR WITH PROTECTOR	
DATE 01-20-1994		
REFERENCE	MATERIAL	PROCESS/FINISH
THIRD ANGLE PROJECTION	SIZE A	DRAWING NUMBER EE7300T
		SHEET 1 OF 1