

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 324THFPA17032
Catalog No: 324THFPA17032
40,1800,TEFC,324TV,3/60/230/460
Miscellaneous

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RegalRexnord

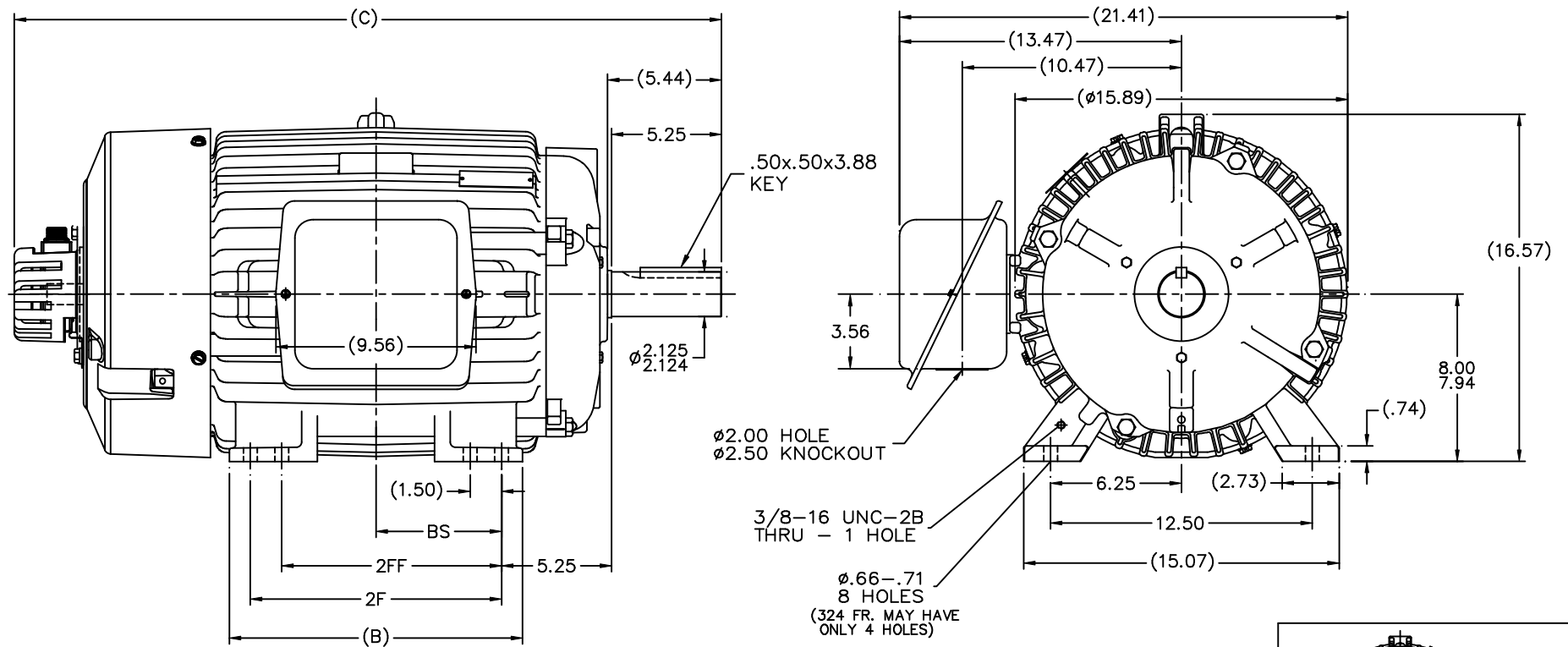
Nameplate Specifications

Output HP	40 Hp	Output KW	29.8 kW
Frequency	60 Hz	Voltage	230/460 V
Current	100.0/50.0 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	324TV	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Thermostats (N/C)	Ambient Temperature	40 °C
Drive End Bearing Size	NU312	Opp Drive End Bearing Size	311
UL	No	CSA	Y
IP Code	43	Number of Speeds	1

Technical Specifications

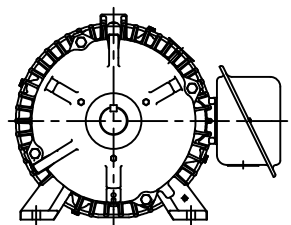
Electrical Type	Squirrel Cage Inverter Duty	Starting Method	Inverter Only
Poles	4	Rotation	Reversible
Resistance Main	.124 Ohms	Mounting	Rigid Base
Motor Orientation	Shaft Up	Drive End Bearing	Roller
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Assembly/Box Mounting	W8
Outline Drawing	B-SS311259A-1475	Connection Drawing	A-EE7308T

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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



F2 VIEW

											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			
											.XXX	±.005		320 FR. - BB - STD - 12.50 LAM - HS35			
											.XXXX	±.0005		MAT'L			
											CHK	ANG		±7°30"	FINISH		
									1 NEW DRAWING		DRS 05-30-2002				SCALE 1=5		
									NO.		REVISION		BY & DATE		REF		
															FMP		
															PREV		

HIGH VOLTAGE



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

THREE PHASE
DUAL VOLTAGE MOTOR

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