

PRODUCT INFORMATION PACKET



Model No: 254THFNA8004
Catalog No: 254THFNA8004
15,3600,TEFC,254T,3/60/460

Regal and Marathon are trademarks of Regal Rexnord Corporation or one of its affiliated companies.
©2024 Regal Rexnord Corporation, All Rights Reserved. MC017097E



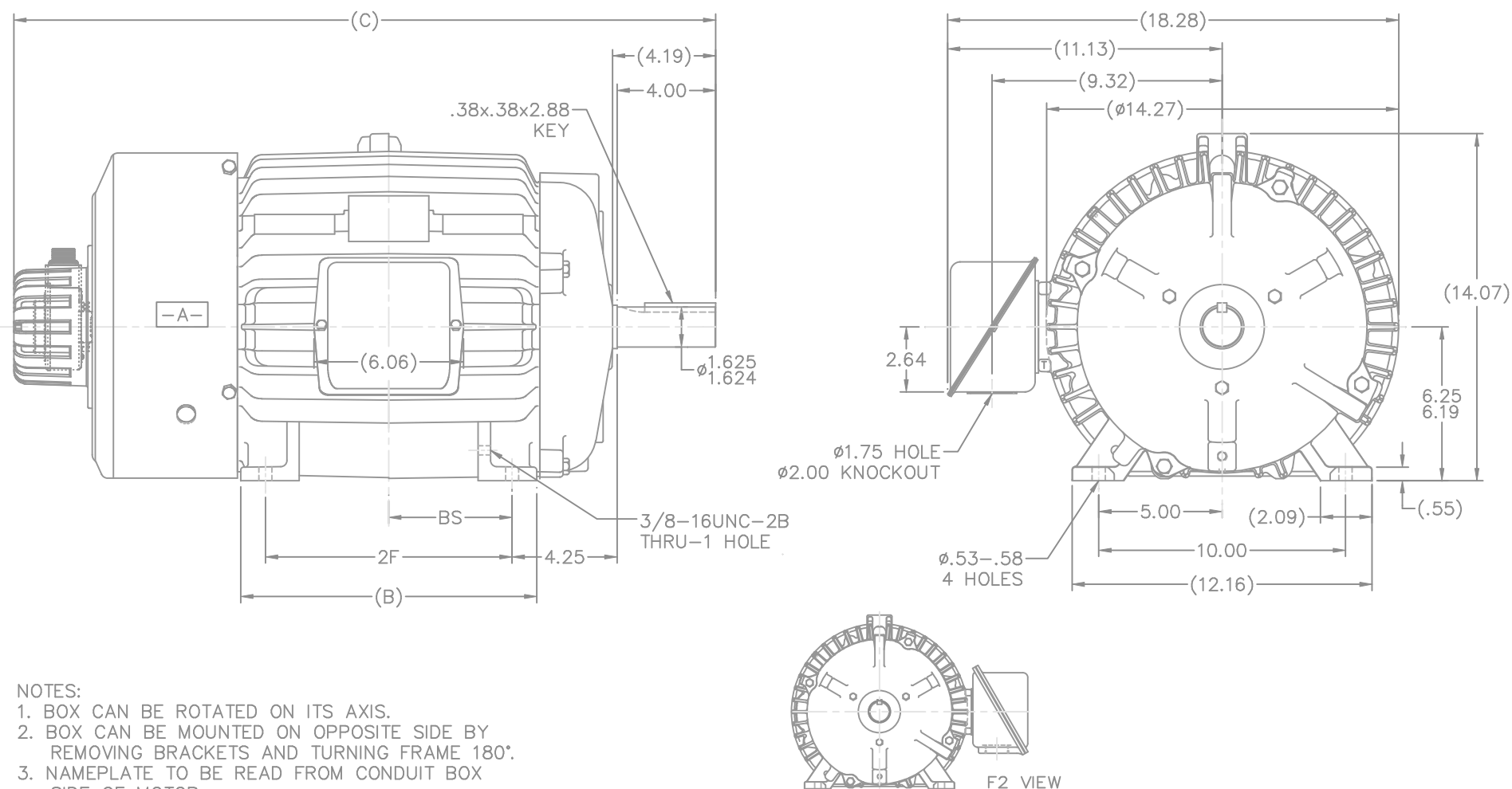
Nameplate Specifications

Phase	3	Output HP	15 Hp
Output KW	11.2 kW	Voltage	460 V
Speed	3555 rpm	Service Factor	1
Frame	254T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Thermostat	Efficiency	93 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	18.0 A	Power Factor	84.5
Duty	Continuous	Insulation Class	F
Design Code	A	KVA Code	K
Drive End Bearing Size	309	Opp Drive End Bearing Size	210
UL	No	CSA	Y
IP Code	43	Number of Speeds	1

Technical Specifications

Electrical Type	Squirrel Cage Inverter Duty	Starting Method	Inverter Only
Poles	2	Rotation	Reversible
Resistance Main	.32 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-SS203659-1050	Connection Drawing	A-EE7300T

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:09/07/2024



NOTES:

1. BOX CAN BE ROTATED ON ITS AXIS.
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.

DASH	FRAME	B	C	2F	BS
1050	254T	10.25	26.70	8.25	4.12
1225	256T	12.00	28.45	10.00	5.00

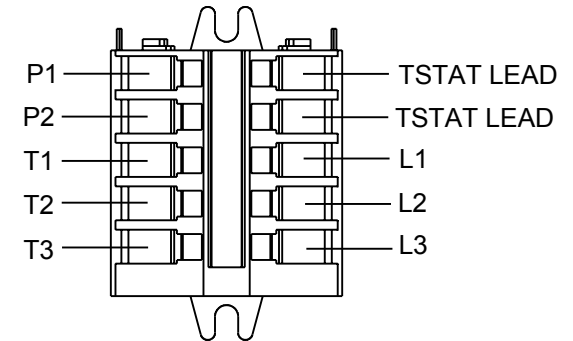
		TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC	DRAWN DAH 05-22-2001
		DEC.	INCHES		
		.X	±.1	TITLE OUTLINE - TEFC - TFNA 250T FR. -BB -	CHK ML 05-23-2001
		.XX	±.03		APPD BW 05-23-2001
		.XXX	±.005		SCALE 1=4
		.XXXX	±.0005		REF
1	NEW DRAWING MU37426	DAH	05-23-2001	MAT'L	FMF
NO.	REVISION	BY & DATE	CHK	ANG	FINISH
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 05-23-2001	CAD FILE ss203659
				DIST	SIZE B
					DRAWING NO. SS203659
					PAGE 1
					REV. 1

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

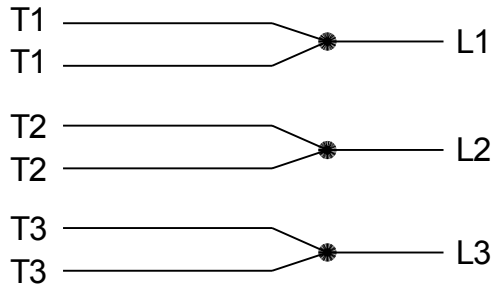
TERMINAL BLOCK WHEN SPECIFIED



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		
<small>COPYRIGHT REGAL BELOIT AMERICA, INC. ALL RIGHTS RESERVED. PROPRIETARY AND CONFIDENTIAL INFORMATION - THIS DOCUMENT IS THE PROPERTY OF REGAL BELOIT AMERICA, INC. ("OWNER") AND CONTAINS OWNER'S PROPRIETARY INFORMATION. ANY PERSON, CORPORATION OR OTHER FIRM RECEIVING IT IS DEEMED, BY RECEIVING IT, TO AGREE THAT IT, AND/OR ANY PART OF IT, SHALL NOT BE DISCLOSED TO ANY PERSON, CORPORATION OR OTHER ENTITY, DUPLICATED, AND/OR USED, EXCEPT AS EXPRESSLY APPROVED IN WRITING IN ADVANCE BY OWNER. THIS DOCUMENT SHALL BE RETURNED TO OWNER UPON REQUEST. IT MAY BE SUBJECT TO CERTAIN RESTRICTIONS UNDER APPLICABLE EXPORT CONTROL LAWS AND REGULATIONS.</small>		

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