

PRODUCT INFORMATION PACKET

marathon[®]

Model No: 215TTDBD6327

Catalog No: Y313

Crop Dryer Motor, 10 HP, 3 Ph, 60 Hz, 230/460 V, 215TZ Frame, DP

Nameplate Specifications

Phase	3	Output HP	10 Hp
Output KW	7.5 kW	Voltage	230/460 V
Speed	1768 r/min	Service Factor	1.15
Frame	215TZ	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	91.7 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	25.4/12.7 A	Power Factor	80.1
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	H
Drive End Bearing Size	6307	Opp Drive End Bearing Size	6206
UL	Recognized	CSA	Y
CE	Y	IP Code	23
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	1.217 Ω	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Single Special Extension	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	SS810142	Connection Drawing	EE7308

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:11/17/2025

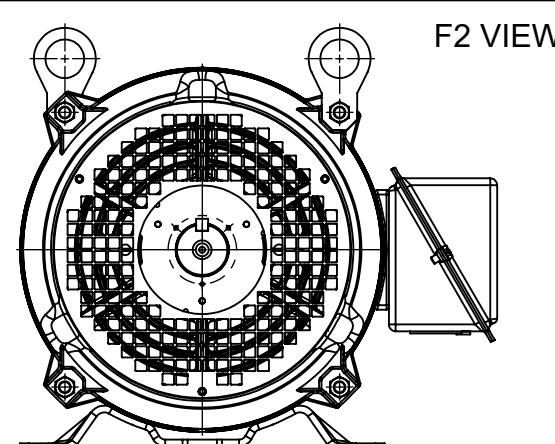
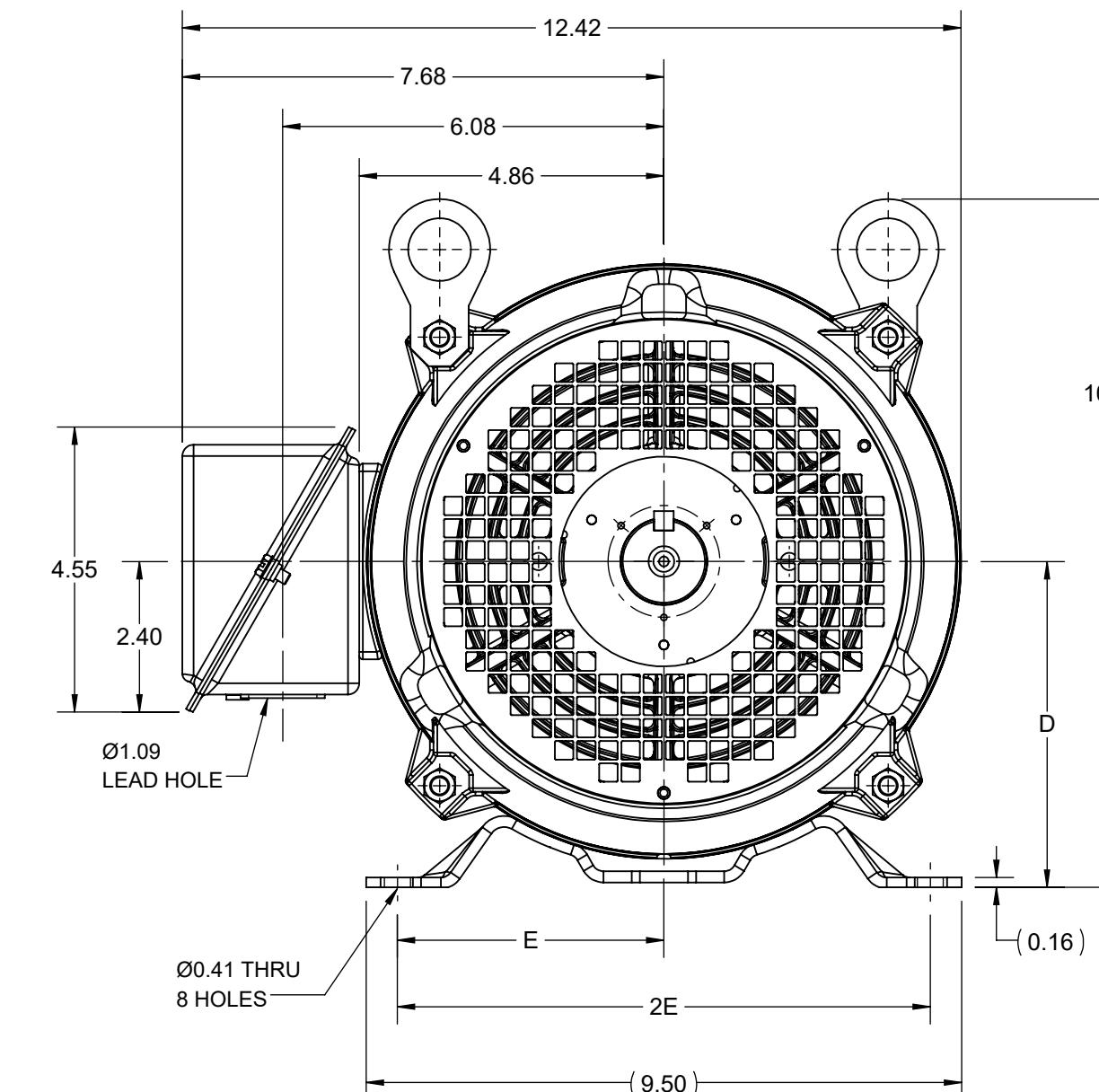
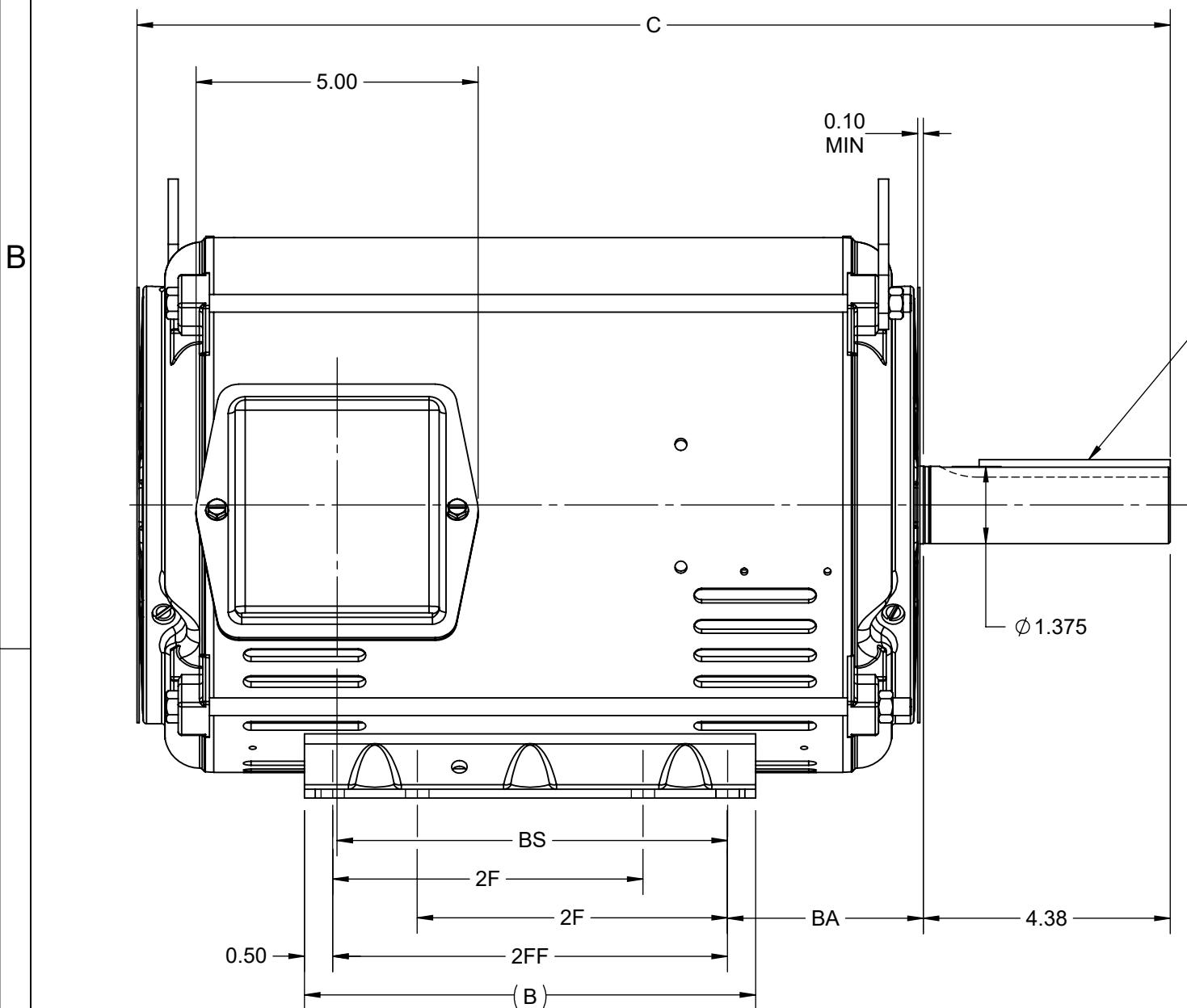
4

3

2

1

B	C	D	E	2E	2F	2FF	BA	BS	MOUNTING
8.00	18.31	5.25	4.25	8.50	5.50	7.00	3.50	6.93	F1 OR F2



DRAWING REVISION D
REQUEST NUMBER CR-0012571
REQUEST NUMBER DESCRIPTION DRAWING VIEWS UPDATED FOR T-BOX
COPYRIGHT (PER REVISION DATE) 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.

PRIMARY DIMENSIONS ARE INCH
mm DIMENSIONS IN [BRACKETS]
ARE FOR REFERENCE ONLY

DRAWN BY WY
DATE 28/09/2019
APPROVED BY ZYH
DATE 28/09/2019
REFERENCE
THIRD ANGLE PROJECTION

**Regal
Rexnord**

Regal Beloit America, Inc.

OUTLINE

213/215TZ FR NEMA ODP RS

SS810142

SHEET
1 OF 1

4

3

2

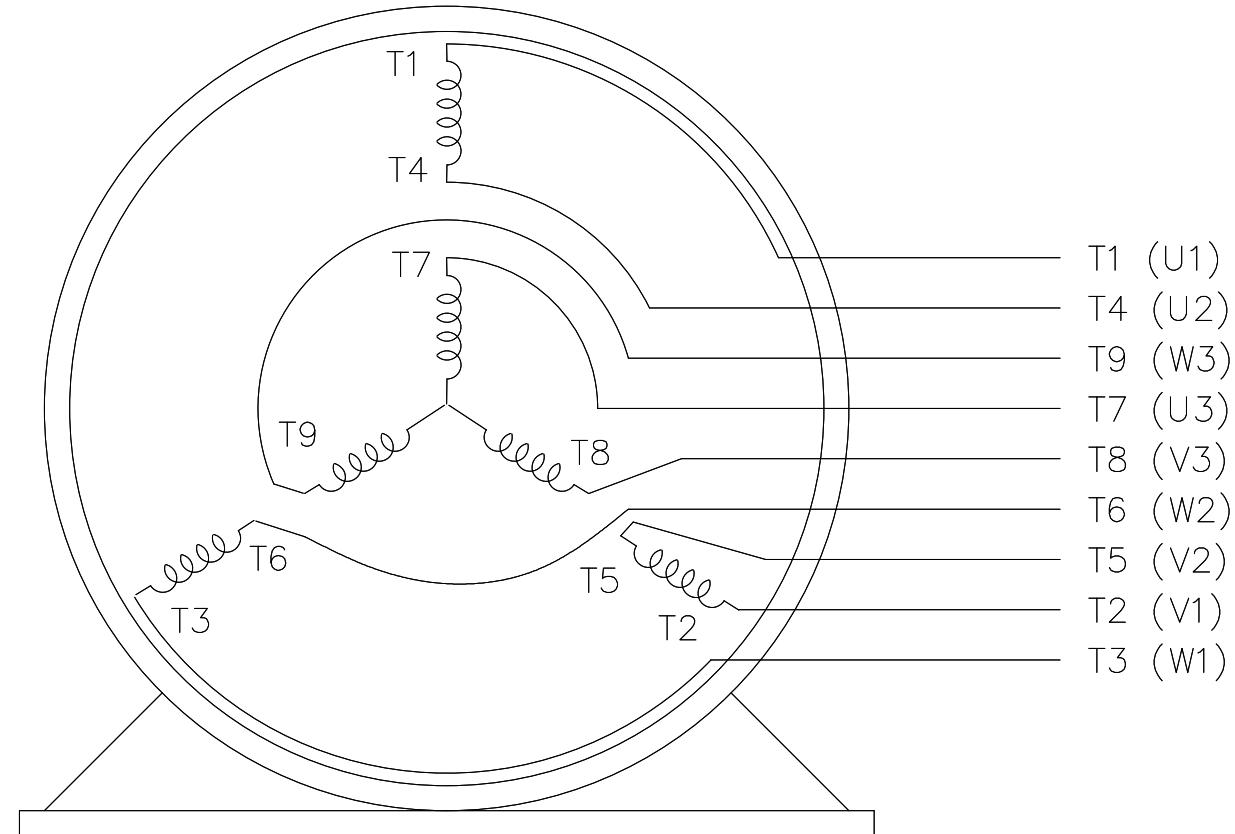
1

HIGH VOLTAGE

(U1)	T1	•	L1
(V1)	T2	•	L2
(W1)	T3	•	L3
(U2)	T4		
(U3)	T7		
(V2)	T5		
(V3)	T8		
(W2)	T6		
(W3)	T9		

LOW VOLTAGE

(U1)	T1	•	L1
(U3)	T7	•	
(V1)	T2		L2
(V3)	T8	•	
(W1)	T3		L3
(W3)	T9	•	
(U2)	T4		
(V2)	T5		
(W2)	T6		

THREE PHASE
DUAL VOLTAGE MOTOR

VIEW OF TERMINAL END

REF.
WINDING DIAGRAMT8Y, T2Y, T2BL, T4BX, T2EC, T2G
T6BZ, T2B, T6BL, T4AV, T6B, T4B

OPTIONAL CORD CONNECTION

L1	WHITE
L2	RED
L3	BLACK

DRAWING REVISION J	REVISION BY SB	REV DATE/ © DATE 08/01/2025
REQUEST NUMBER CR-0023654	APPROVED BY SBD	DATE 08/01/2025

REQUEST NUMBER DESCRIPTION
DRAWING TITLE BLOCK UPDATED

COPYRIGHT (PER REVISION DATE) MARATHON ELECTRIC, LLC. ALL RIGHTS RESERVED.
PROPRIETARY AND CONFIDENTIAL INFORMATION - THIS DOCUMENT IS THE PROPERTY OF
MARATHON ELECTRIC, LLC. ("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.

PRIMARY DIMENSIONS ARE INCH
mm DIMENSIONS IN [BRACKETS]
ARE FOR REFERENCE ONLY

DRAWN BY RM
DATE 11/20/1990

APPROVED BY SAS
DATE 04/24/2003

REFERENCE

THIRD ANGLE
PROJECTION

DESCRIPTION CONN DIAGRAM-EXTERNAL 3Ø - DUAL VOLTAGE MOTOR	MATERIAL	PROCESS/FINISH
---	----------	----------------

marathon™

CONN DIAGRAM-EXTERNAL
3Ø - DUAL VOLTAGE MOTORSIZE
A
DRAWING NUMBER
4 of 4
EE7308
SHEET
1 OF 1