

PRODUCT INFORMATION PACKET

Model No: 215TTTND16541
Catalog No: U1870A
10,1800,TEAO,215T,3/60/230/460
Cooling Tower



Regal and Marathon are trademarks of Regal Beloit Corporation or one of its affiliated companies.
©2018 Regal Beloit Corporation, All Rights Reserved. MC017097E



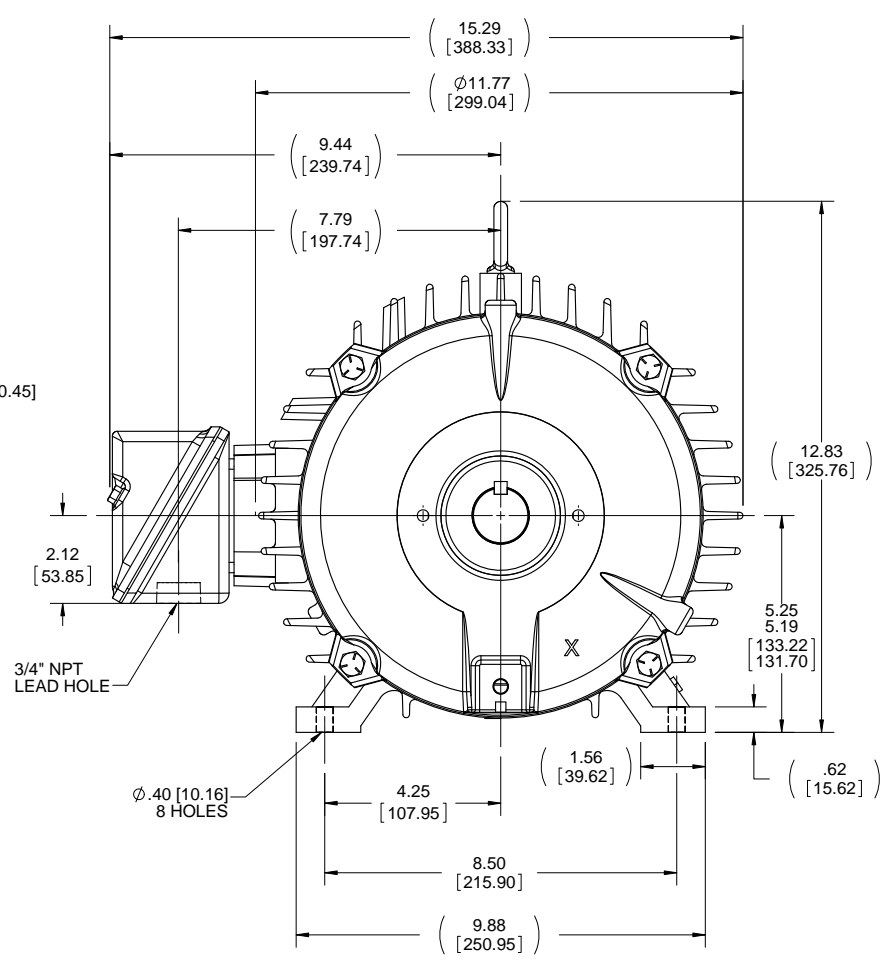
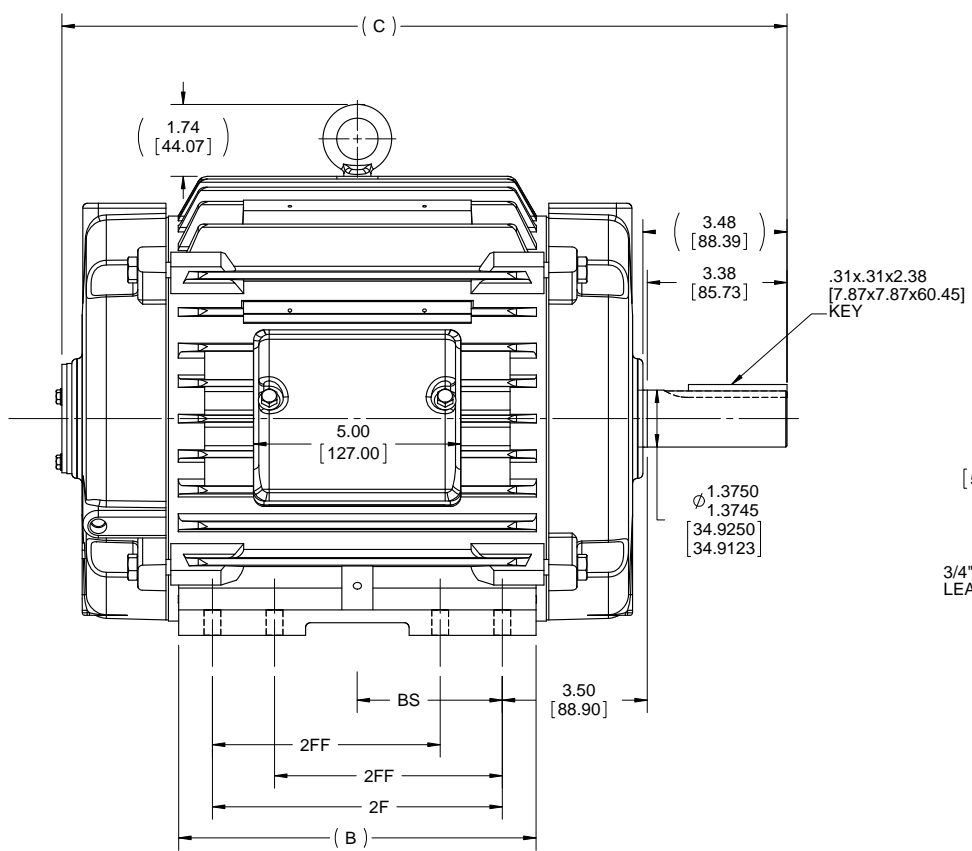
Nameplate Specifications

Output HP	10 Hp	Output KW	7.5 kW
Frequency	60 Hz	Voltage	230/460 V
Current	26.6/13.3 A	Speed	1765 rpm
Service Factor	1.15	Phase	3
Efficiency	91.7 %	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	H	Frame	215TV
Enclosure	Totally Enclosed Air Over	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6307
Opp Drive End Bearing Size	6208	UL	Recognized
CSA	Y	CE	Y
IP Code	56		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Mounting	Rigid base	Motor Orientation	HORIZONTAL OR UP OR DOWN
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Cast Iron	Shaft Type	T
Overall Length	20.51 in	Frame Length	12.12 in
Shaft Diameter	1.375 in	Shaft Extension	3.38 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Outline Drawing	037907-1212	Connection Diagram	A-EE7308

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created: 10/30/2018



NOTES:

1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS.
2. CONDUIT BOX CAN BE MOUNTED IN OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°.
3. NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

1212	215	20.51 [520.95]	11.76 [298.70]	10.00 [254.00]	7.00 [177.80]	5.00 [127.00]
912	213/215	17.51 [444.75]	8.63 [219.20]	7.00 [177.80]	5.50 [139.70]	3.50 [88.90]
DASH	FRAME	C	B	2F	2FF	BS

DRAWING REVISION C	REVISION BY M. VERBICK	DATE 5-29-2015
ECO ECO-0078542	APPROVED BY	DATE
ECO DESCRIPTION TITLE BLOCK LOGO UPDATE		
<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>		

TOLERANCES UNLESS OTHERWISE SPECIFIED:			
DEC.	INCH	mm	ANGLE
.X	+0.1	[±2.5]	±0.5°
.XX	+0.03	[±0.76]	
.XXX	+0.005	[±0.127]	
.XXXX	+0.0005	[±0.0127]	
REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [0.076/.381] X 45°			
CORNER FILLETS: R.02 [51]			
MACHINED SURFACES: 125/3.2			
mm SHOWN IN [BRACKETS]			

DRAWN BY UD	DATE 11-14-2013
APPROVED BY SR	DATE 11-14-2013
REFERENCE 037728	THIRD ANGLE PROJECTION

Regal Beloit America, Inc.	
DESCRIPTION OUTLINE 210 FR-STD-STD-T-TENV	
MATERIAL	PROCESS/FINISH
SIZE B	DRAWING NUMBER 037907
SHEET 1 OF 1	

EE7308

THREE PHASE
DUAL VOLTAGE MOTOR



VIEW OF TERMINAL END

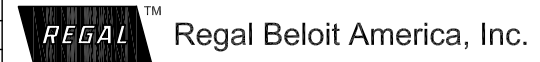
REF.
WINDING DIAGRAM

T8Y, T2Y, T2BL, T4BX, T2EC, T2G
T6BZ, T2B, T6BL, T4AV, T6B, T4B

OPTIONAL CORD
CONNECTION

L1 — WHITE
L2 — RED
L3 — BLACK

NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED	FINISH	PREV
5	CHG TO REGAL LOGO	SL 09/10/2015	AB	DEC.	INCHES		
4	REVISED IEC NOTATIONS	MSG 11/15/2011	CMN	.X	±.1		
3	ADDED IEC NOTATIONS... (U1), (V1) ETC. MU95194	MSG 5/10/2010	MJS	.XX	±.02		
2	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS	.XXX	±.005		
1	REDRAWN	RM 11/20/1990		.XXXX	±.0005		
					±7'30"		
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	
						DIST WP	
						CAD FILE ee7308	
						SIZE A	
						DRAWING NO. EE7308	
						PAGE OF 5	
						REV. 5	



TITLE CONNECTION DIAGRAM
3Ø - DUAL VOLTAGE MOTOR

DRAWN RM 11/20/1990
CHK ML 11/21/1990
APPD SAS 04/24/2003
SCALE 1=1
REF
FMF
PREV