

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 213TTFN4103

Catalog No: L411A

General Purpose Motor, 2 & 1.50 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 900 & 750 RPM,
213T Frame, TEFC

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The logo for Regal Rexnord, featuring a stylized 'R' icon followed by the text 'RegalRexnord'.

Nameplate Specifications

Phase	3	Output HP	2 & 1.50 Hp
Output KW	1.5 & 1.1 kW	Voltage	230/460 & 190/380 V
Speed	880 & 730 rpm	Service Factor	1.15 & 1.15
Frame	213T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	82.5 & 82.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	7.5/3.75 & 7.2/3.6 A	Power Factor	60.2
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	J
Drive End Bearing Size	307	Opp Drive End Bearing Size	208
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	8	Rotation	Reversible
Resistance Main	4.6 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Overall Length	19.63 in
Frame Length	9.12 in	Shaft Diameter	1.375 in
Shaft Extension	3.38 in	Assembly/Box Mounting	F1/F2 Capable
Outline Drawing	037659-912	Connection Drawing	A-EE7308

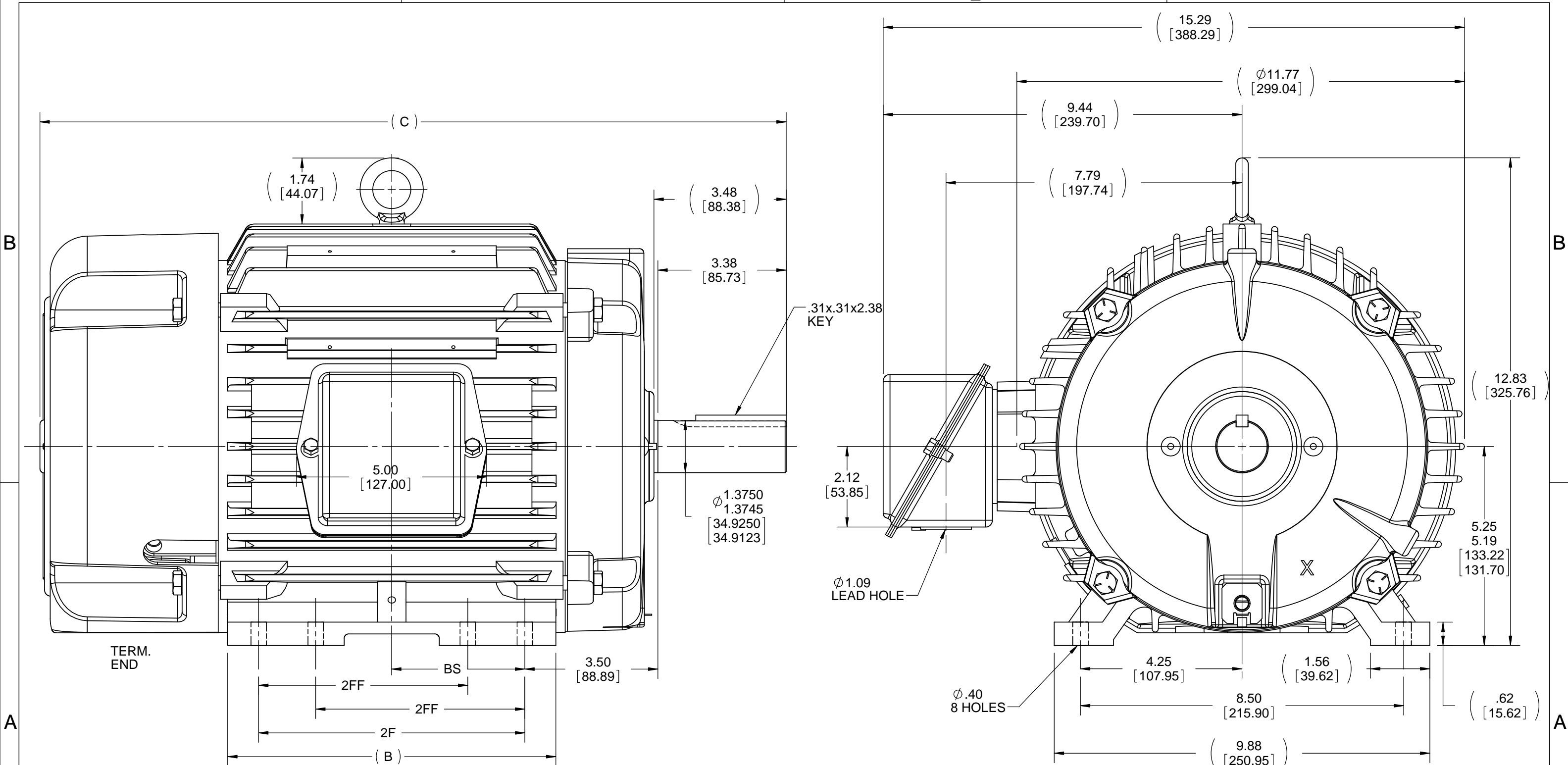
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Uncontrolled Copy

2

1



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	213/215	22.63 [574.80]	11.76 [298.70]	10.00 [254.00]	7.00 [177.80]	5.00 [127.00]
912	213/215	19.63 [498.60]	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 D	REVISION BY M. VERBICK	DATE 5-29-2015
ECO ECO-0078542	APPROVED BY	DATE
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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 [0.51] MACHINED SURFACES: 125 INCH 3.2 mm SHOWN IN [BRACKETS]			

DRAWN BY AK	DATE 10-05-2009
APPROVED BY SK	DATE 10-05-2009
REFERENCE	
THIRD ANGLE PROJECTION	

REGAL ™ Regal Beloit America, Inc.	
DESCRIPTION	OUTLINE 210 FR. TEFC
MATERIAL	PROCESS/FINISH
SIZE B	DRAWING NUMBER 037659
	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	DRAWING NO.	PAGE	OF	REV.		
					DEC.	INCHES							
5	CHG TO REGAL LOGO	SL 09/10/2015	AB					EE7308					
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"								
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REGAL™ Regal Beloit America, Inc.
DRAWN RM 11/20/1990
CHK ML 11/21/1990
APPD SAS 04/24/2003

TITLE CONNECTION DIAGRAM
3Ø - DUAL VOLTAGE MOTOR
SCALE 1=1
REF
FMF
PREV