

# PRODUCT INFORMATION PACKET

**marathon®**  
Motors

Model No: 215TTGN16544  
Catalog No: 215TTGN16544  
7.5,1500,EPFC,215T,3/50/190/380

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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	7.50 Hp
Output KW	5.6 kW	Voltage	190/380 V
Speed	1465 rpm	Service Factor	1.15
Frame	215T	Enclosure	Explosion Proof Fan cooled
Thermal Protection	Thermostat	Efficiency	89.6 %
Ambient Temperature	40 °C	Frequency	50 Hz
Current	24.0/12.0 A	Power Factor	79.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6307	Opp Drive End Bearing Size	6208
UL	No	CSA	N
CE	N	IP Code	54
Number of Speeds	1	Hazardous Location	EXP PROOF CL I GR C&D CL II GR F&G T3B

### Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Wye Start Delta Run Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.26 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 ONLY
Outline Drawing	037660-912	Connection Drawing	EE7358C

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4

3

Uncontrolled Copy

2

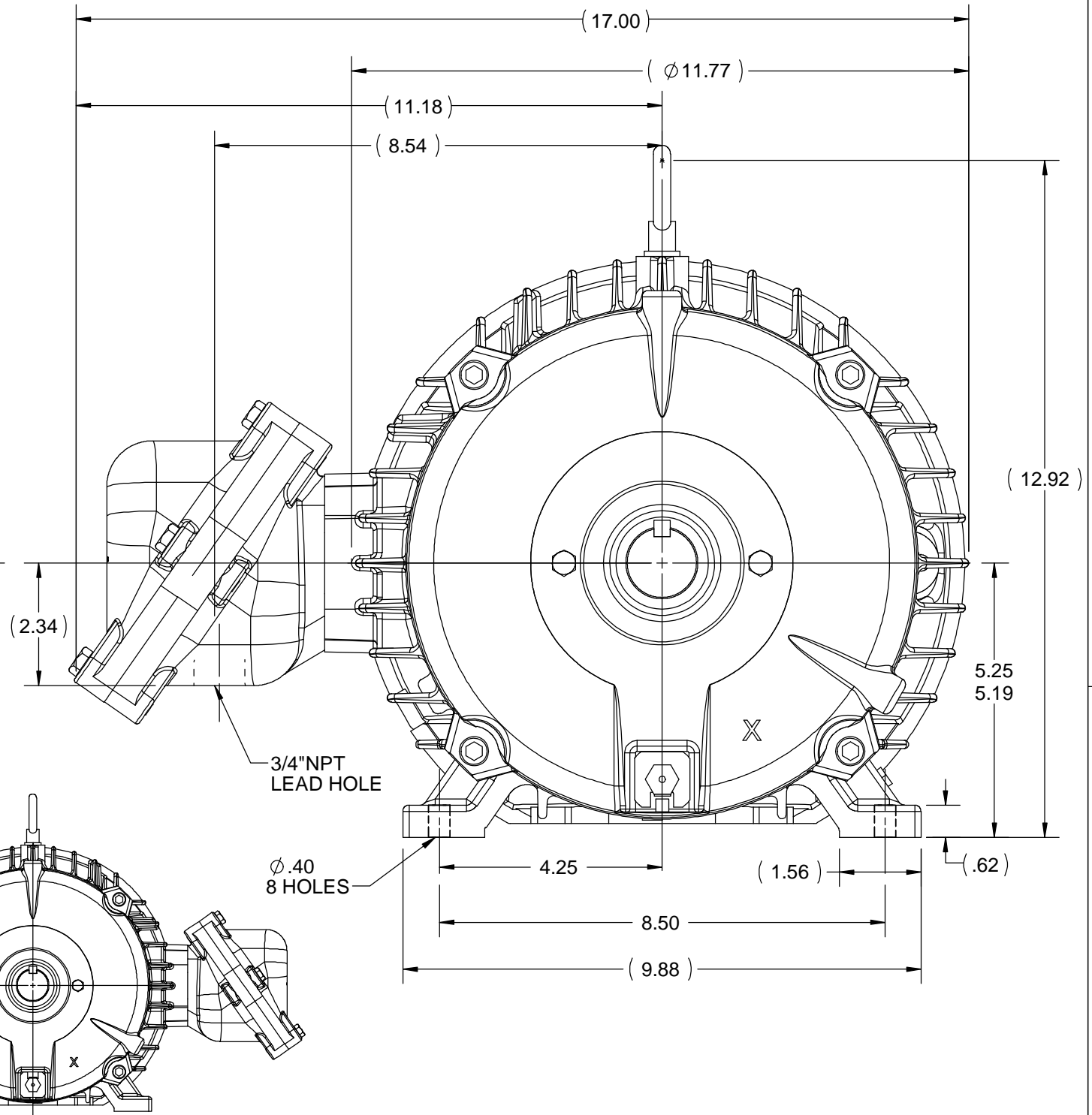
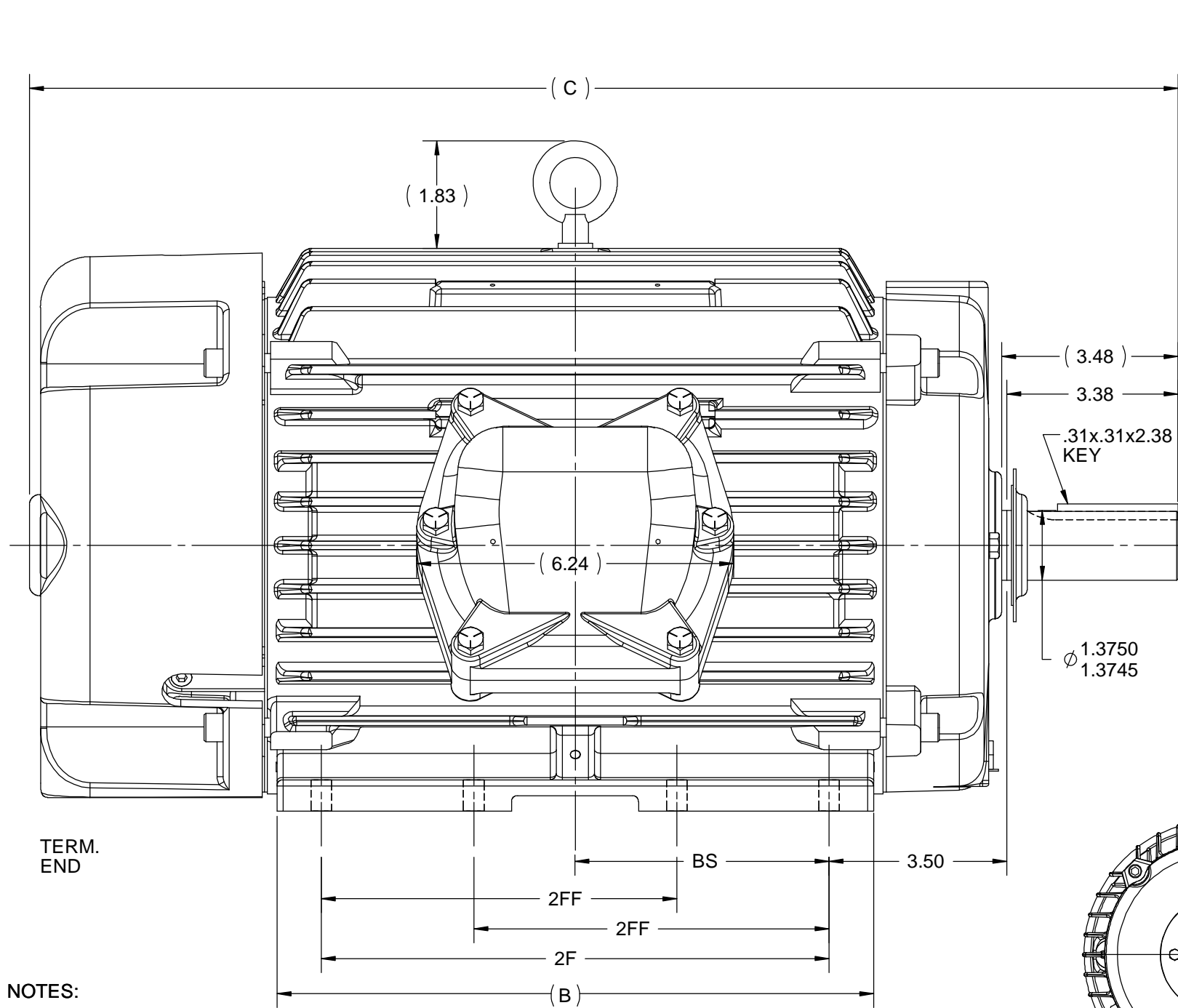
1

B

B

A

A




F2 MOUNTING

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°. THIS MODIFICATION CAN BE PERFORMED ONLY BY THE ORIGINAL EQUIPMENT MANUFACTURER, OR BY A FACILITY THAT IS COVERED UNDER UNDERWRITERS LABORATORIES INC. CATEGORY PTKQ, TITLED "MOTOR AND GENERATORS,. REBUILT FOR USE IN HAZARDOUS LOCATION".
3. NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

1212	215	22.63	11.76	10	7	5
912	213/215	19.63	8.63	7	5.5	3.5
DASH	FRAME	C	B	2F	2FF	BS

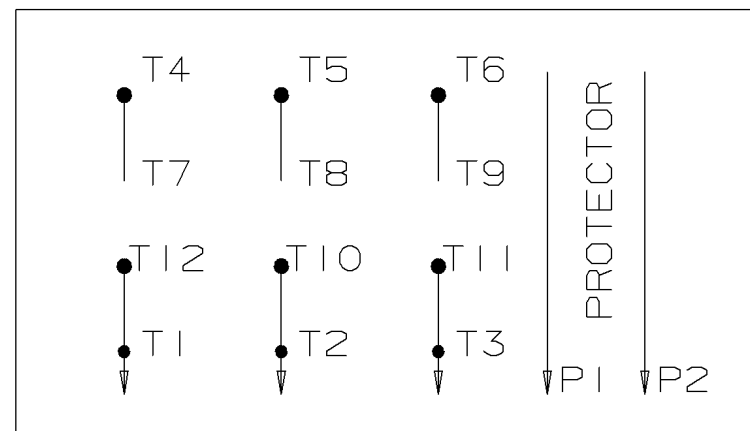
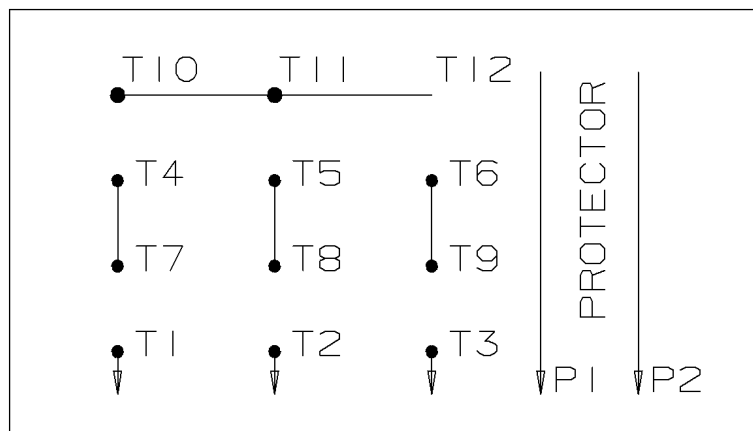
DRAWING REVISION G	REVISION BY MVG	DATE 02/08/2019	TOLERANCES UNLESS OTHERWISE SPECIFIED:				DRAWN BY AK 10/28/2009	 Regal Beloit America, Inc.		
ECO ECO-0139404	APPROVED BY SR	DATE 02/08/2019	DEC.	INCH	mm	ANGLE	DATE			
ECO DESCRIPTION OUTLINE UPDATED AS PER ECR-0149056			.X	±0.1	[±2.5]	±7° 30"	APPROVED BY	DESCRIPTION OUTLINE		
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			.XXX	±0.005	[±0.127]		REFERENCE SS84370	MATERIAL	PROCESS/FINISH	
			.XXXX	±0.0005	[±0.0127]		THIRD ANGLE PROJECTION	SIZE B	DRAWING NUMBER 037660	SHEET 1 OF 1
			REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.076/.381] X 45° CORNER FILLETS: R.02 [.51] MACHINED SURFACES: 200 INCH/mm 5.1							
			mm SHOWN IN [BRACKETS]							

WYE START

HIGH VOLTAGE

DELTA RUN

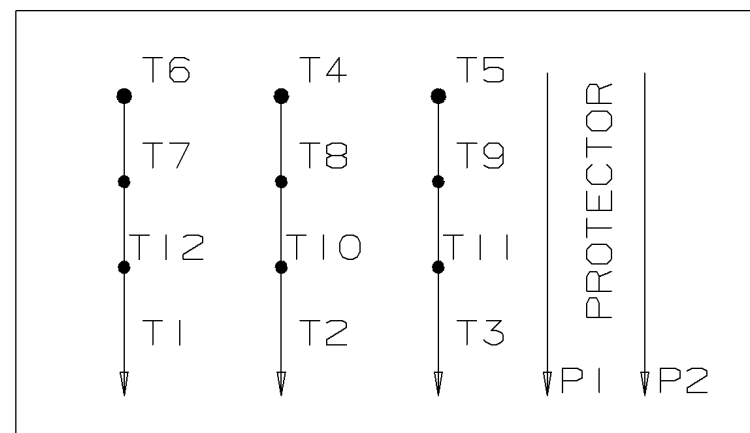
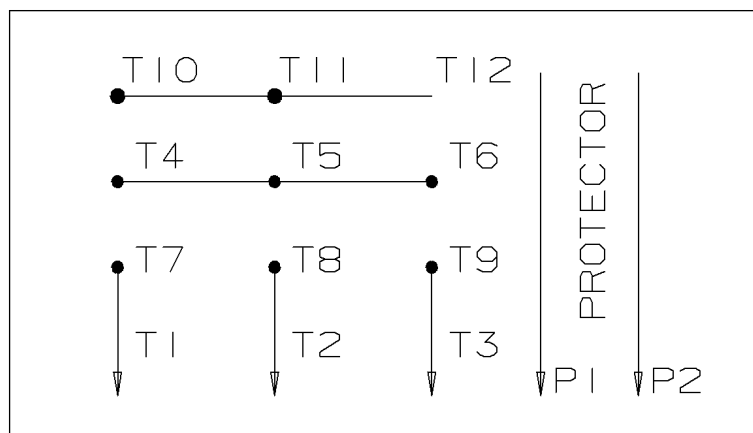
A-EE7358C



WYE START

LOW VOLTAGE

DELTA RUN

4/2 CKTY  $\Delta$ 

				TOLERANCES UNLESS SPECIFIED			DRAWN CAV 01-16-2002	
				DEC.	TOLERANCE		CHK	ML 01-17-2002
				.X	± .1		APPD	DD 01-17-2002
				.XX	± .02		SCALE	
				.XXX	± .005	TITLE CONNECTION DIAGRAM		REF
1	NEW DRAWING MU40207	CAV	01-17-2002	DD	.XXXX	± .0005	<input checked="" type="checkbox"/> SURFACE ROUGHNESS UNLESS SPECIFIED	
NO.	REVISION	BY	DATE	CHK	ANG	± 7'30"	<input type="checkbox"/> MAT'L. FINISH	
				PURCHASED		CAD FILE EE7358C	SHOP BOOK	SIZE A
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