

PRODUCT INFORMATION PACKET



Model No: RB2034

Catalog No: RB2034

Fan and Blower Motor, 1/3 HP, 1 Ph, 60 Hz, 115 V, 1800 RPM, 48 Frame, ODP



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Nameplate Specifications

Phase	1	Output HP	1/3 Hp
Output KW	0.25 kW	Voltage	115 V
Speed	1725 rpm	Service Factor	1.35
Frame	48	Enclosure	Open Drip Proof
Thermal Protection	Automatic	Ambient Temperature	40 °C
Frequency	60 Hz	Current	5.5 A
Duty	Continuous	Insulation Class	B
UL	No	CSA	Y
CE	N	Number of Speeds	1

Technical Specifications

Electrical Type	Split Phase	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Mounting	Resilient Base	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Steel
Shaft Type	Flat	Overall Length	10.97 in
Frame Length	4.94 in	Shaft Diameter	0.500 in
Shaft Extension	1.62 in		
Outline Drawing	RB2034-S01	Connection Drawing	621417-011A

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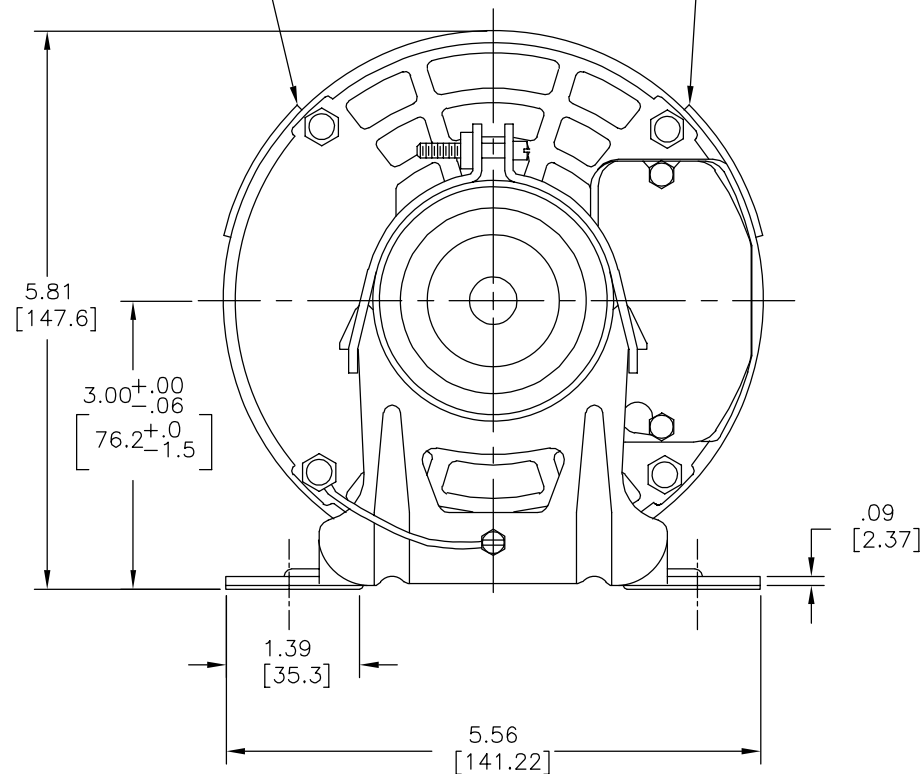
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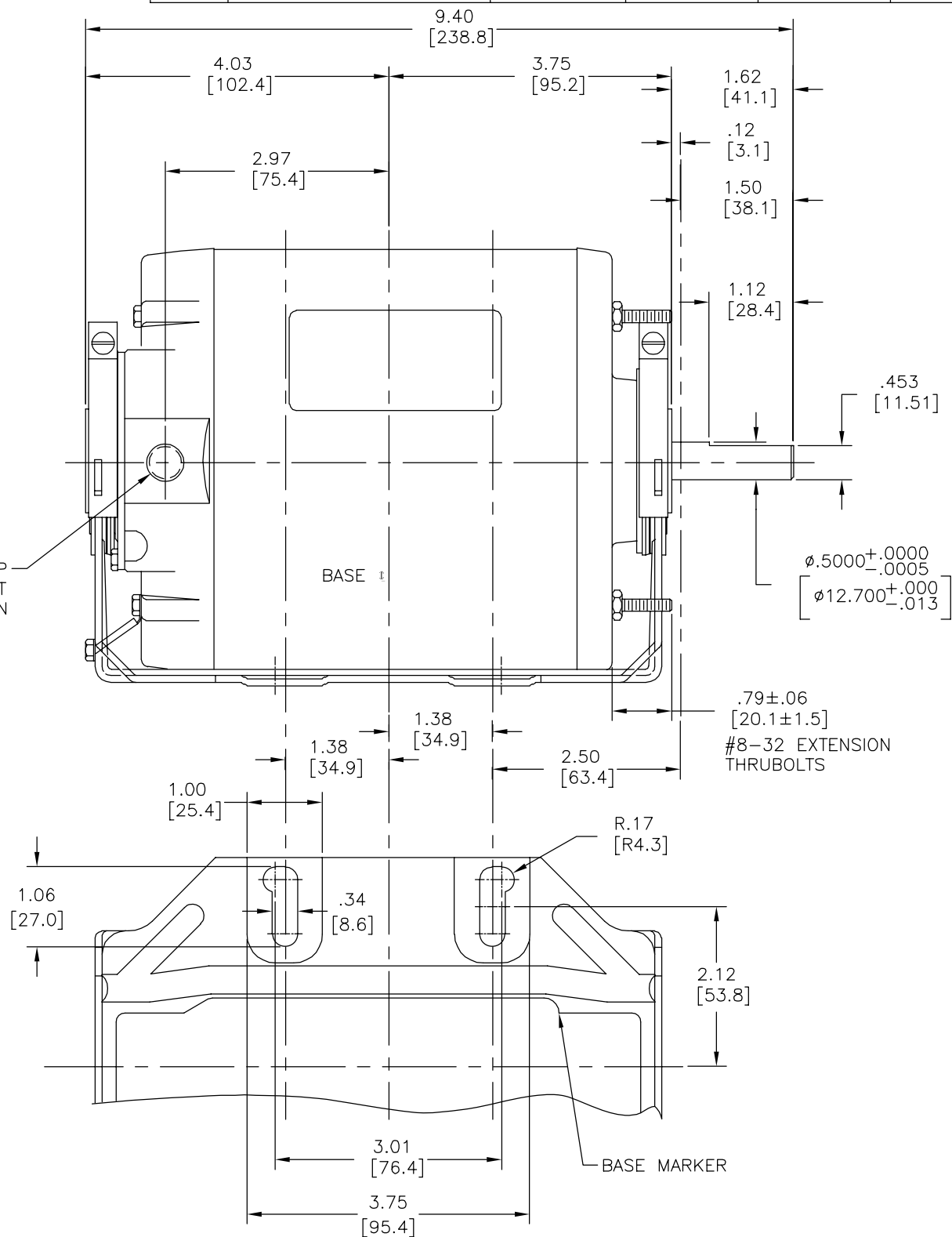
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REV	ECO	REV BY	DATE	APPD	DATE
A	0024698	G. RODRIGUEZ	03-19-2012	DANIEL MUÑOZ	03-19-2012

D

TOP OF
WARNING
NAMEPLATETOP OF
NAMEPLATE1/2-14 PIPE TAP
FOR CONDUIT
CONNECTION

BASE



FIRST MOTOR REF	GRAINGER MODEL NUMBER	FRAME LENGTH (REFERENCE)
RB2034		4.812 [122.22]

GEOMETRIC CHARACTERISTICS & SYMBOLS

□ FLATNESS
— STRAIGHTNESS
∠ ANGULARITY
⊥ PERPENDICULARITY (SQUARENESS)
∥ PARALLELISM
○ ROUNDNESS (CIRCULARITY)
⌀ CYLINDRICITY
△ PROFILE OF ANY SURFACE
⌒ PROFILE OF ANY LINE
R RUNOUT
⊕ TRUE POSITION
◎ CONCENTRICITY
≡ SYMMETRY

ASME Y14.5M 1994

UNLESS OTHERWISE SPECIFIED
DIM. TOLERANCES ARE AS FOLLOWS:

INCH	X	XX	XXX	XXXX
mm	±.1	±.02	±.005	±.0005
mm	±0.5	±0.13	±0.013	

ANG. ±.50 DEG
REMOVE BURRS & BREAK SHARP EDGES:
INCH .003-.015 mm 0.1-0.4CORNER FILLETS TO:
INCH .020 mm 0.5MACHINE SURFACES:
INCH 125 mm 3.2

METRIC DIMS. SHOWN IN [BRACKETS]

DR BY:

G. RODRIGUEZ 03-19-2012

APPD:

DANIEL MUÑOZ 03-19-2012

THIRD ANGLE PROJECTION

EDS DATE 11-11-2011
FORMAT REV G

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REGAL-BELOIT CORPORATION

DESCRIPTION

OUTLINE
FR 48

SIZE

C

DWG NO

RB2034

SCALE NONE

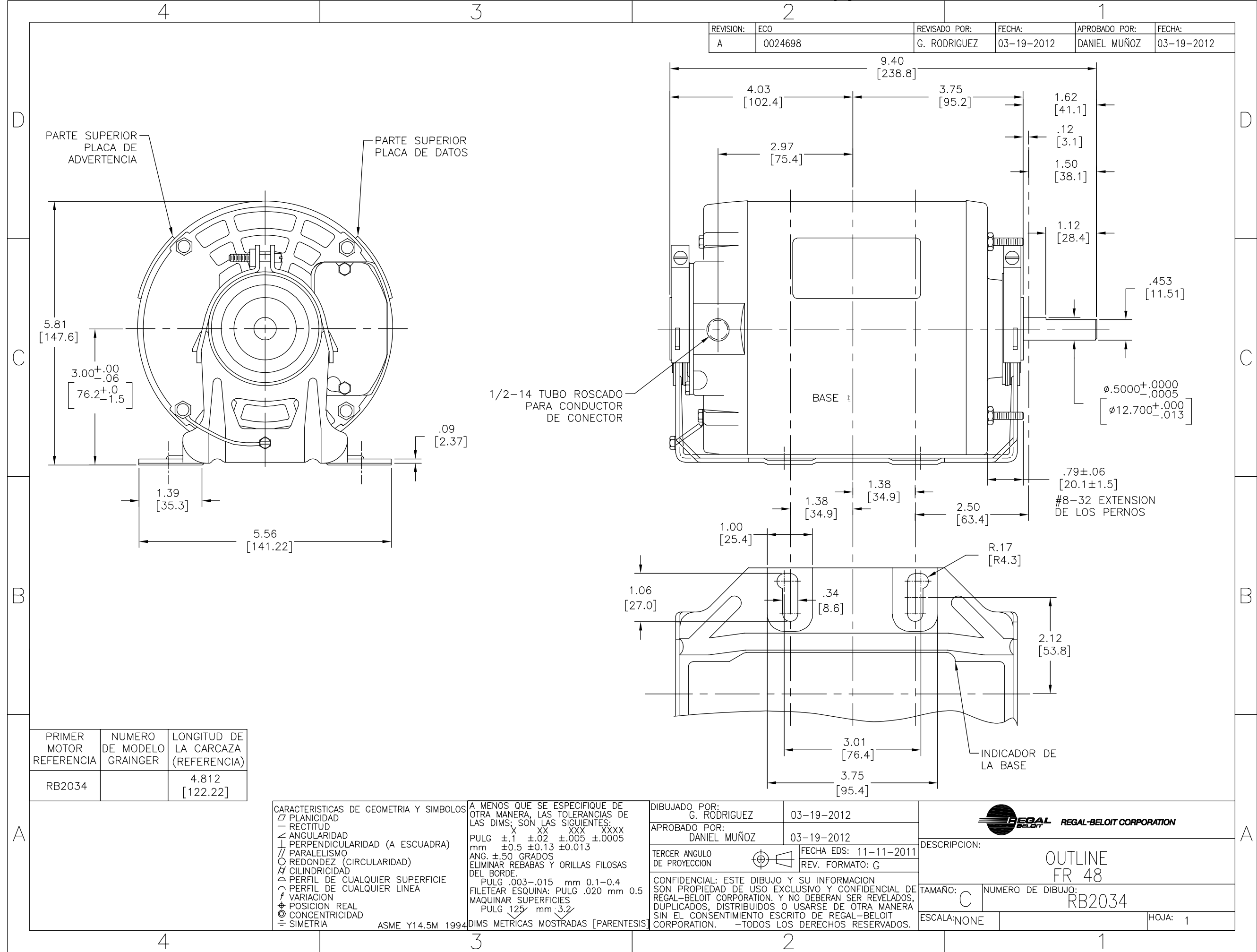
SHEET 1

4

3

2

1



4

3

2

1

版本	ECO	编制	日期	批准	日期
A	0024698	G. RODRIGUEZ	03-19-2012	DANIEL MUÑOZ	03-19-2012

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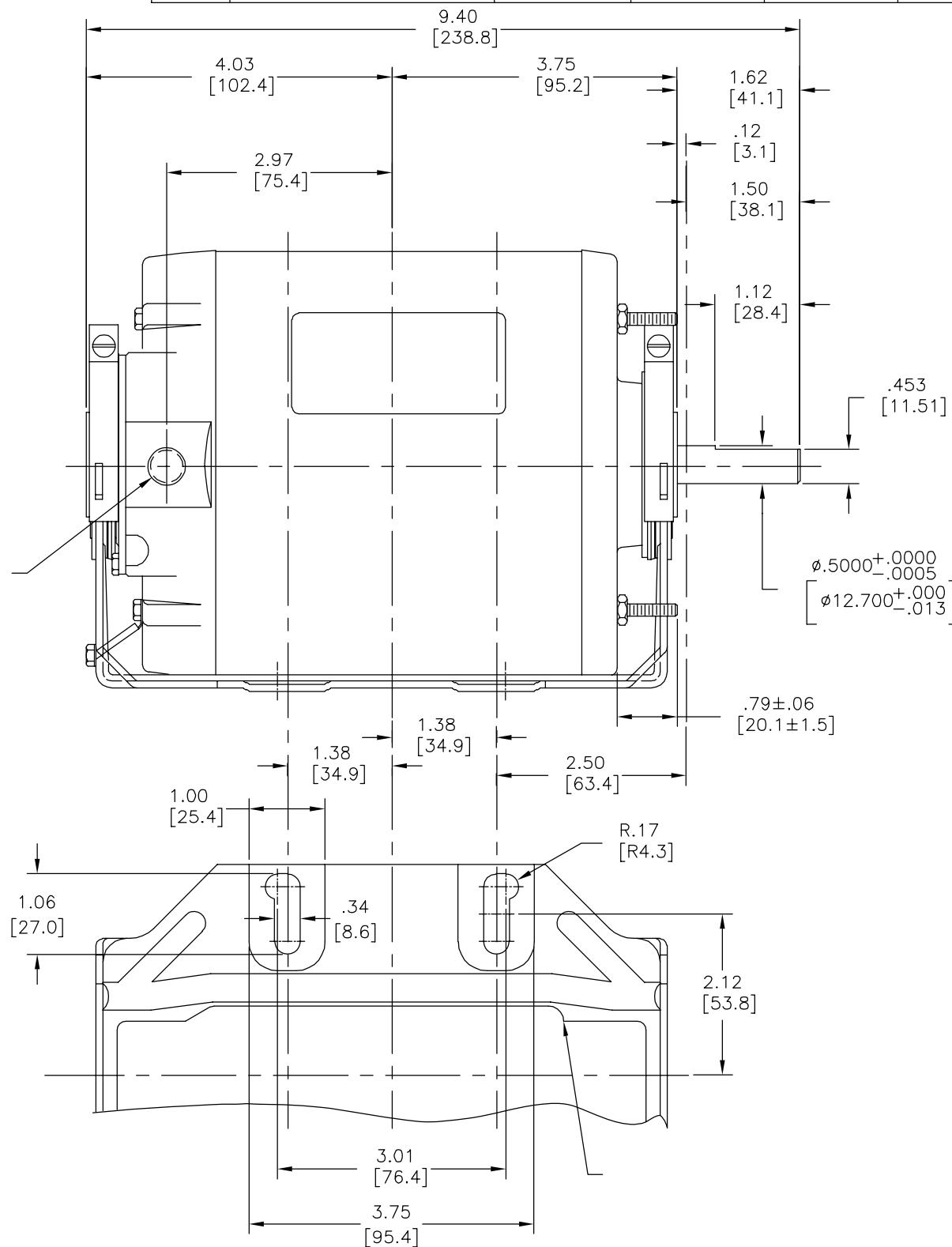
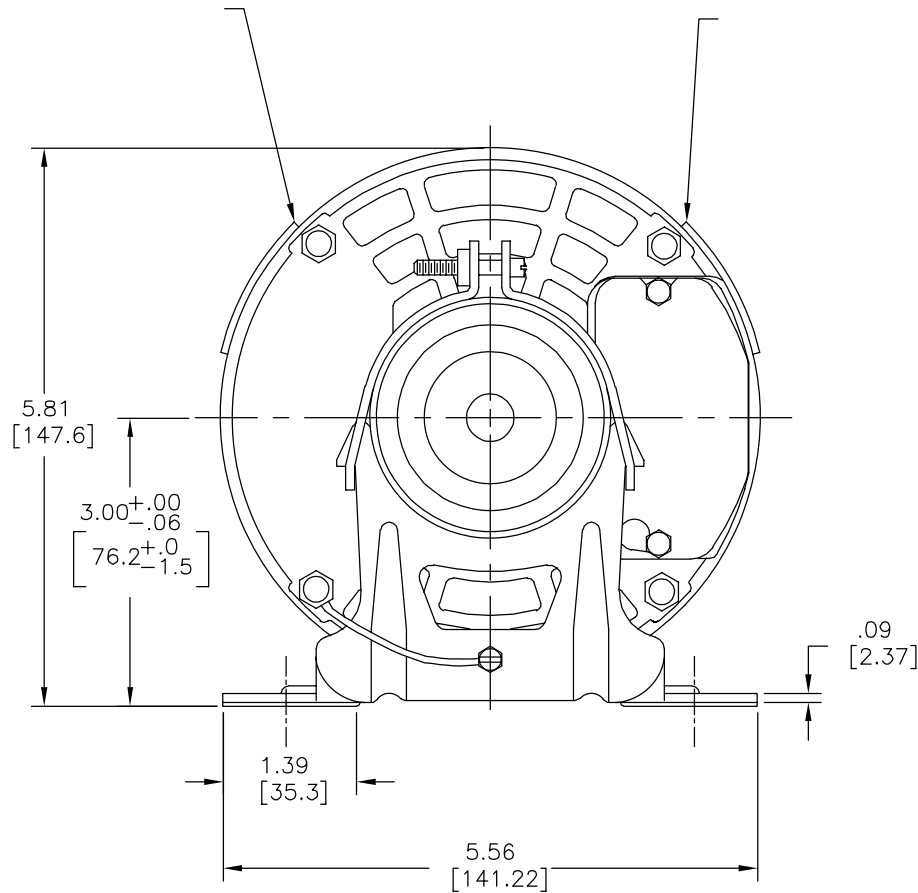
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B

B

A

A



RB2034

4.812
[122.22]

形位公差
□ 平面度
— 直线度
∠ 倾斜度
⊥ 垂直度
∥ 平行度
○ 圆度
⊙ 圆柱度
△ 面轮廓度
△ 线轮廓度
⌒ 圆跳动
⊕ 位置度
⊗ 同轴度
≡ 对称度

ASME Y14.5M 1994

除另有注明
尺寸公差如下:

	X	XX	XXX	XXXX
英寸	±.1	±.02	±.005	±.0005
毫米	±0.5	±0.13	±0.013	
角度	±.50	度		
清理毛刺和尖棱				
英寸	.003-.015	毫米	0.1-0.4	
内圆角				
英寸	.020	毫米	0.5	
表面粗糙度				
英制	125	米制	3.2	

米制尺寸显示在L

绘图:

G. RODRIGUEZ

03-19-2012

批准:

DANIEL MUÑOZ

03-19-2012

第三角投影



图纸格式发布日期 11-11-2011

图纸格式版本 G

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REGAL-BELOIT CORPORATION

名称

OUTLINE
FR 48

图幅

C

图号

RB2034

比例

NONE

页号

1

4

3

2

1