

PRODUCT INFORMATION PACKET



Model No: RB2054DV2

Catalog No: RB2054DV2

Fan and Blower Motor, 1/2 HP, 1 Ph, 60 Hz, 115/230 V, 1800 RPM, 56 Frame, OPEN



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Nameplate Specifications

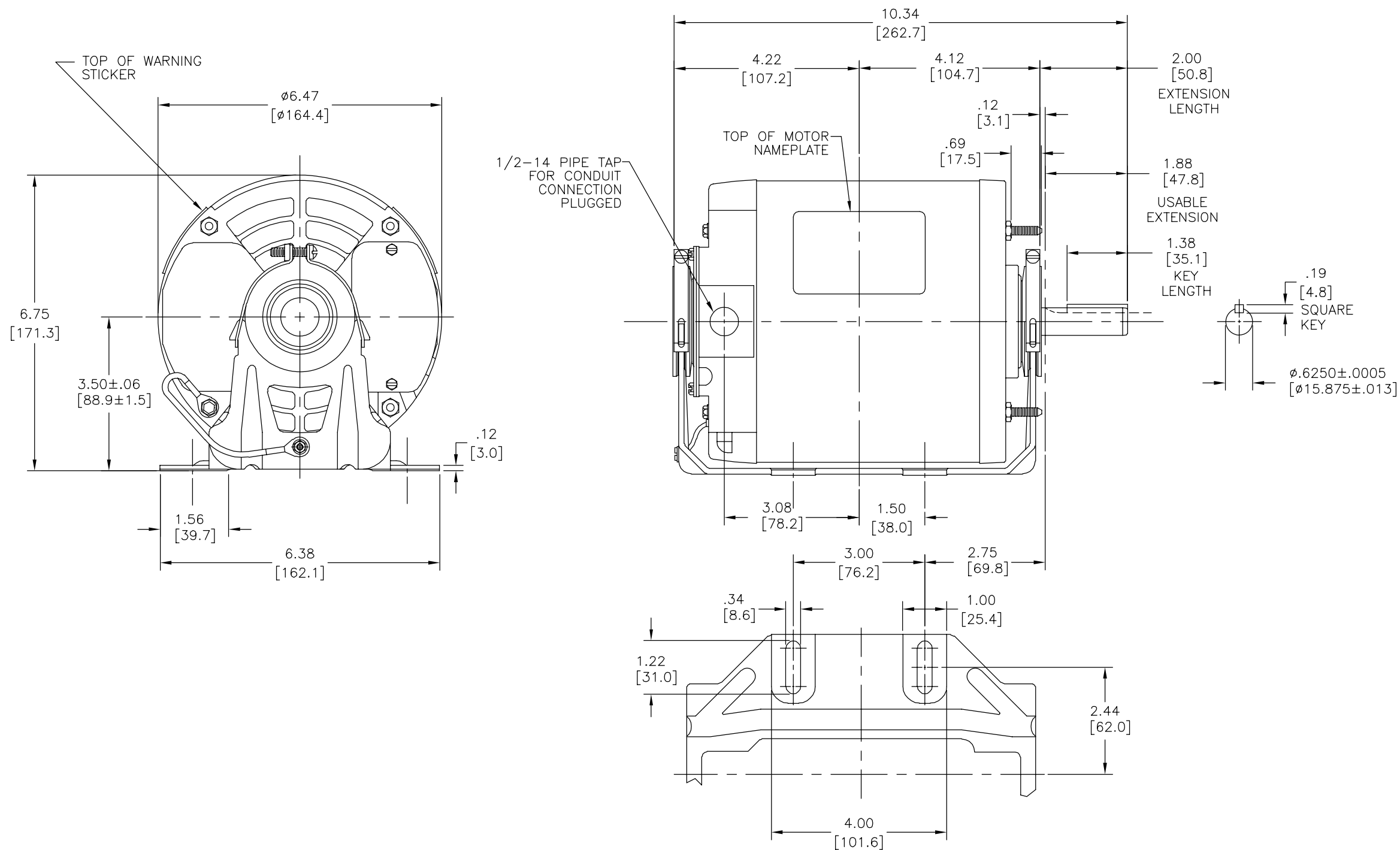
Output HP	1/2 Hp	Output KW	0.37 kW
Frequency	60 Hz	Voltage	115/230 V
Current	8.8/4.4 A	Speed	1725 rpm
Service Factor	1.25	Phase	1
Duty	Continuous	Insulation Class	B
Frame	56	Enclosure	Open Enclosed
Thermal Protection	Automatic	Ambient Temperature	40 °C
UL	No	CSA	Y
CE	N	Number of Speeds	1

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	Rolled Steel
Shaft Type	Keyed	Overall Length	10.34 in
Frame Length	5.19 in	Shaft Diameter	0.624 in
Shaft Extension	2 in		
Connection Drawing	165A720F02	Outline Drawing	RB2054DV2-S01

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REV	ECO	REV BY	DATE	APPD	DATE
C	0040988	P.ROJAS	12-02-2013	D.BALDERRAMA	12-02-2013



GEOMETRIC CHARACTERISTICS & SYMBOLS
□ FLATNESS
— STRAIGHTNESS
∠ ANGULARITY
⊥ PERPENDICULARITY (SQUARENESS)
// PARALLELISM
○ ROUNDNESS (CIRCULARITY)
⌀ CYLINDRICITY
△ PROFILE OF ANY SURFACE
⌒ PROFILE OF ANY LINE
⌀ 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 0.1-0.4
CORNER FILLETS TO:
INCH .020 mm 0.5
MACHINE SURFACES:
INCH 125 mm 3.2

METRIC DIMS. SHOWN IN [BRACKETS]

DR BY:

QINGFENG.HE

10-06-2008

APPD:

LEI. HUA

10-06-2008

THIRD ANGLE PROJECTION



EDS DATE 11-11-2011

FORMAT REV H

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REGAL-BELOIT CORPORATION

DESCRIPTION

OUTLINE

SIZE

C

DWG NO

RB2054DV2

SCALE NONE

SHEET 1

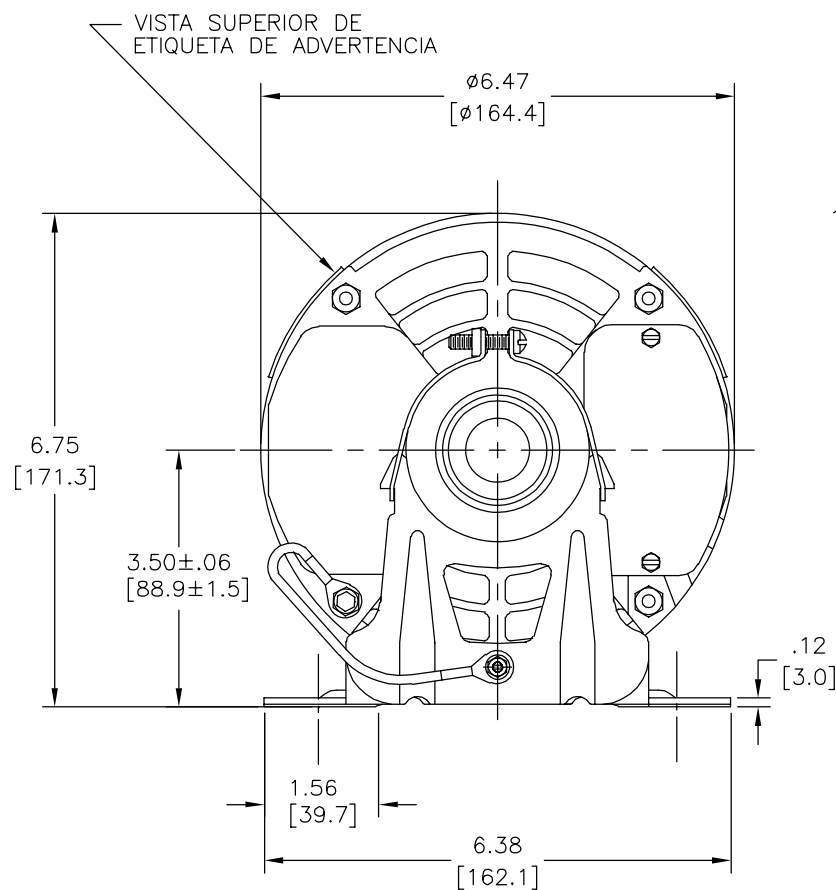
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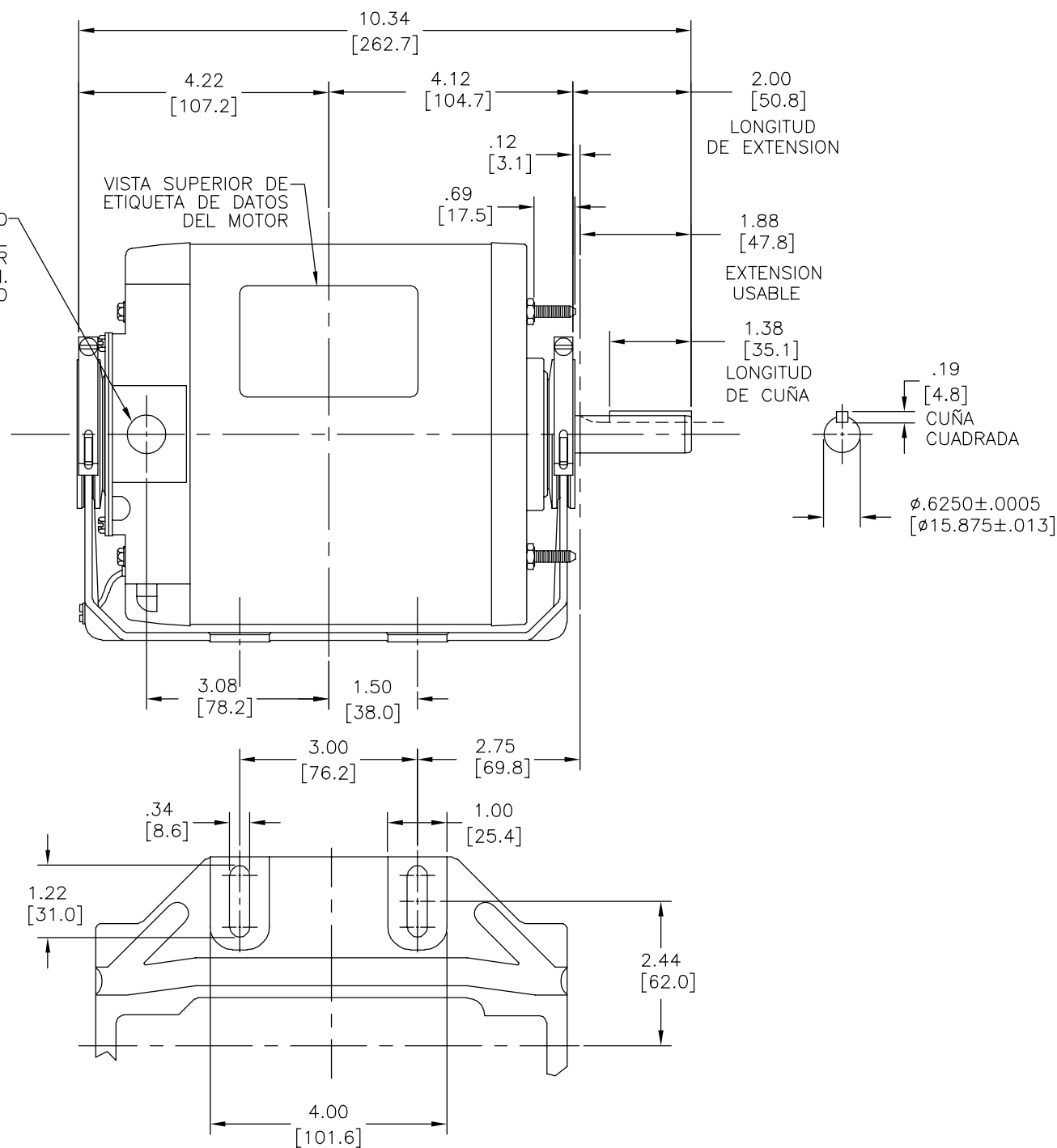
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REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
C	0040988	P.ROJAS	12-02-2013	D.BALDERRAMA	12-02-2013



TUBO ROSCADO
1/2-14 PARA EL
CONDUCTOR
DE CONEXION.
CONECTADO



CARACTERISTICAS DE GEOMETRIA Y SIMBOLOS

- ✓ PLANICIDAD
- RECTITUD
- ∠ ANGULARIDAD
- ⊥ PERPENDICULARIDAD (A ESCUADRA)
- // PARALELISMO
- REDONDEZ (CIRCULARIDAD)
- ⊘ CILINDRICIDAD
- △ PERFIL DE CUALQUIER SUPERFICIE
- ∧ PERFIL DE CUALQUIER LINEA
- ∇ VARIACION
- ⊕ POSICION REAL
- ◎ CONCENTRICIDAD
- ≡ SIMETRIA

ASME Y14.5M 1994

A MENOS QUE SE ESPECIFIQUE DE OTRA MANERA, LAS TOLERANCIAS DE LAS DIMS: SON LAS SIGUIENTES:

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

ANG. ± 50 GRADOS

ELIMINAR REBABAS Y ORILLAS FILOSAS DEL BORDE.

PULG .003-.015 mm 0.1-0.4

FILETEAR ESQUINA: PULG .020 mm 0.5

MAQUINAR SUPERFICIES

PULG 125 mm 3.2

DIMS METRICAS MOSTRADAS [PARENTESIS]

DIBUJADO POR: QINGFENG.HE 10-06-2008

APROBADO POR: LEI. HUA 10-06-2008

TERCER ANGULO DE PROYECCION

FECHA EDS: 11-11-2011

REV. FORMATO: H

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DESCRIPCION: OUTLINE

TAMAÑO: C NUMERO DE DIBUJO: RB2054DV2

ESCALA: NONE HOJA: 1