

PRODUCT INFORMATION PACKET



Model No: SV2104L

Catalog No: SV2104L

3 HP 2 speed Evaporator Coil and Refrigeration Fan HVAC/R Motor, 1 phase, 1800/1200 RPM, 115 V, 56Z Frame, OPE Refrigeration Motors



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Nameplate Specifications

Output HP	1 1/3 Hp	Output KW	0.99 kW
Frequency	60 Hz	Voltage	115 V
Current	12.7/7.6 A	Speed	1725/1140 rpm
Service Factor	1	Phase	1
Duty	Continuous	Insulation Class	B
Frame	56Z	Enclosure	Open Enclosed
Thermal Protection	Automatic	Ambient Temperature	40 °C
UL	No	CSA	Y
CE	N	Number of Speeds	2

Technical Specifications

Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	4/6	Rotation	Counterclockwise Lead End
Mounting	Resilient Base	Drive End Bearing	Sleeve
Opp Drive End Bearing	Sleeve	Frame Material	Rolled Steel
Shaft Type	Keyed	Overall Length	12.09 in
Frame Length	6.69 in	Shaft Diameter	0.625 in
Shaft Extension	2.13 in		
Connection Drawing	620005-040	Outline Drawing	SV2104L

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REV	ECO	REV BY	DATE	APPD	DATE
C	0029871	E.SINECIO	12-17-2012	G.ALVIDREZ	12-17-2012

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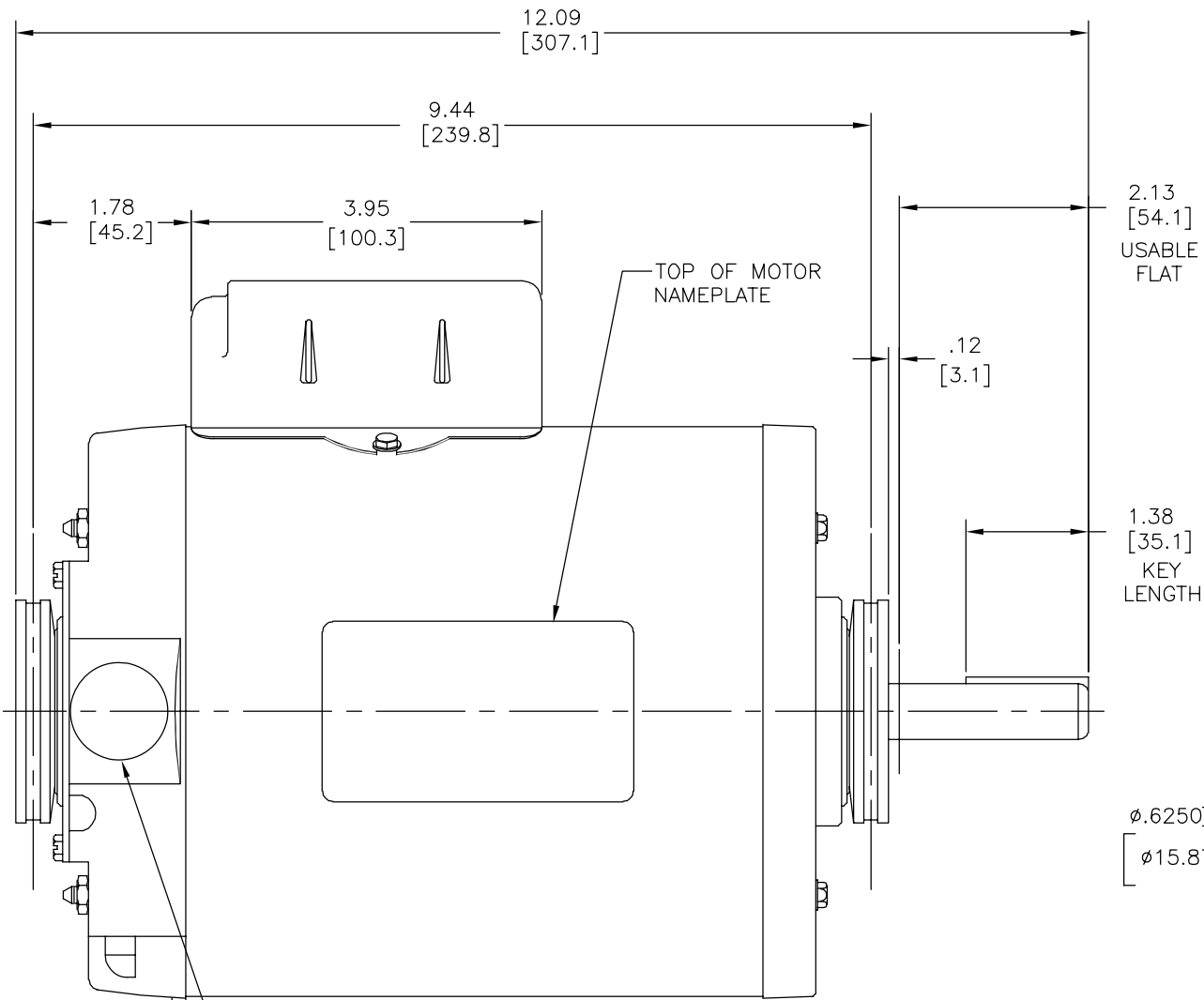
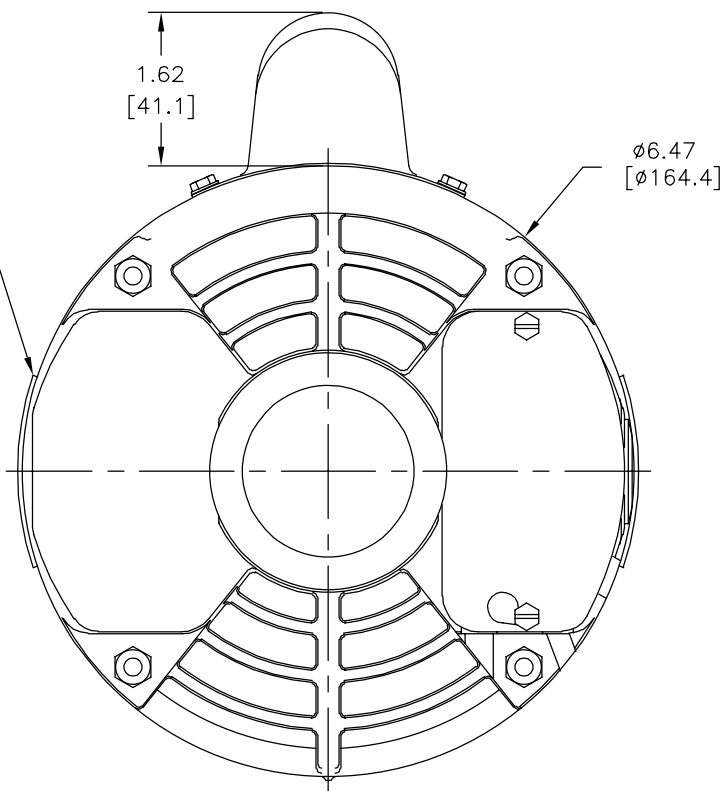
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B

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TOP OF
WARNING
STICKER



TOP OF MOTOR
NAMEPLATE

2.13
[54.1]
USABLE
FLAT

1.38
[35.1]
KEY
LENGTH

$\phi .6250^{+.0000}_{-.0005}$
 $\left[\phi 15.875^{+.000}_{-.013} \right]$

1/2-14 PIPE TAP FOR
CONDUIT CONNECTION
(PLUGGED)

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	$\pm .1$ $\pm .02$ $\pm .005$ $\pm .0005$
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	$\sqrt{125}$ mm $\sqrt{3.2}$
METRIC DIMS. SHOWN IN [BRACKETS]	

DR BY:	H.MARTINEZ	04-06-2009
APPD:	A.BLEININGER	04-06-2009
THIRD ANGLE PROJECTION	EDS DATE	11-11-2011
	FORMAT REV	H
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REGAL-BELOIT CORPORATION	
DESCRIPTION	
MODEL-CFHP-56FR OUTLINE	
SIZE	DWG NO
C	SV2104L
SCALE	SHEET
NONE	1

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2

1

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REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
C	0029871	E.SINECIO	12-17-2012	G.ALVIDREZ	12-17-2012

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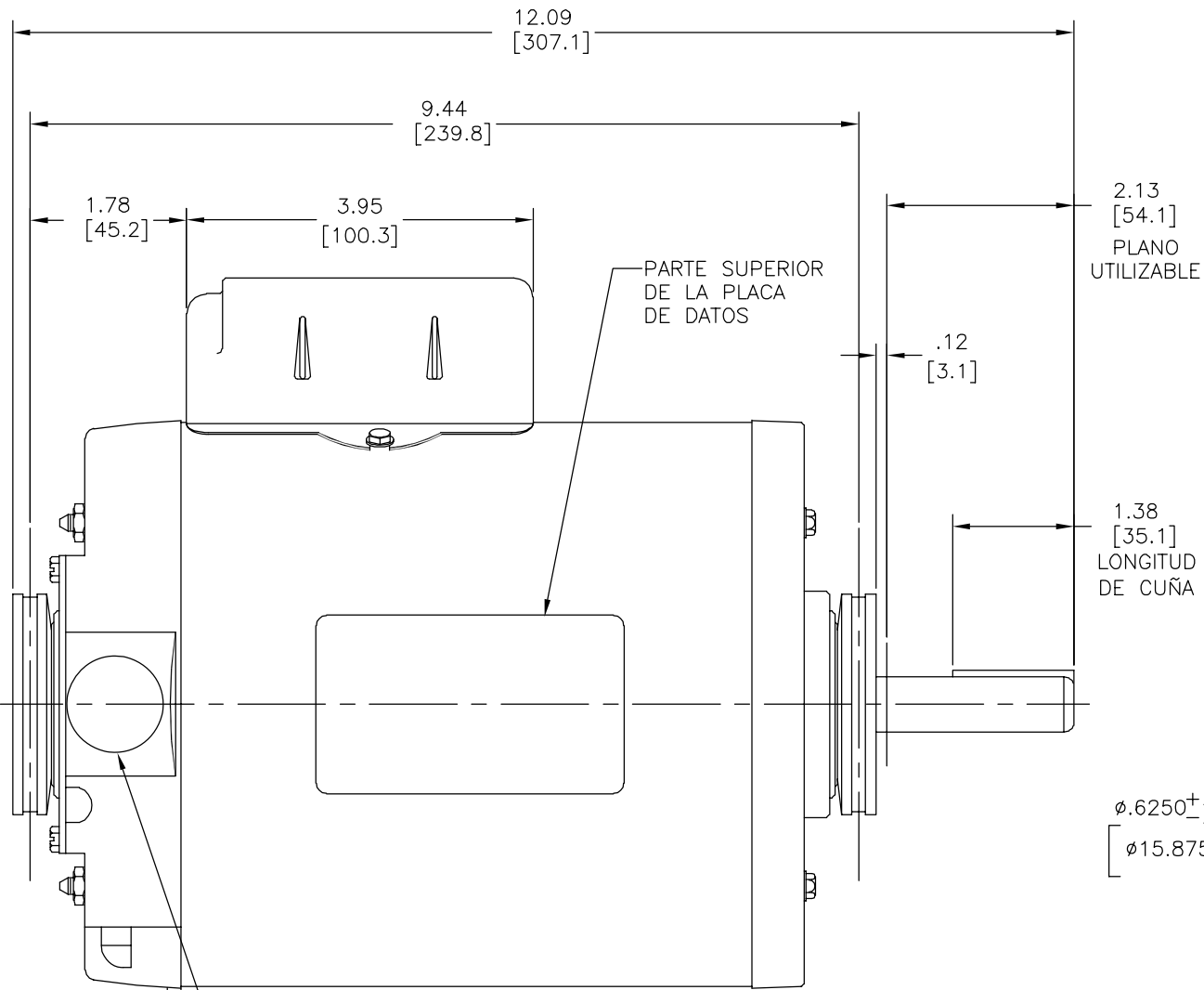
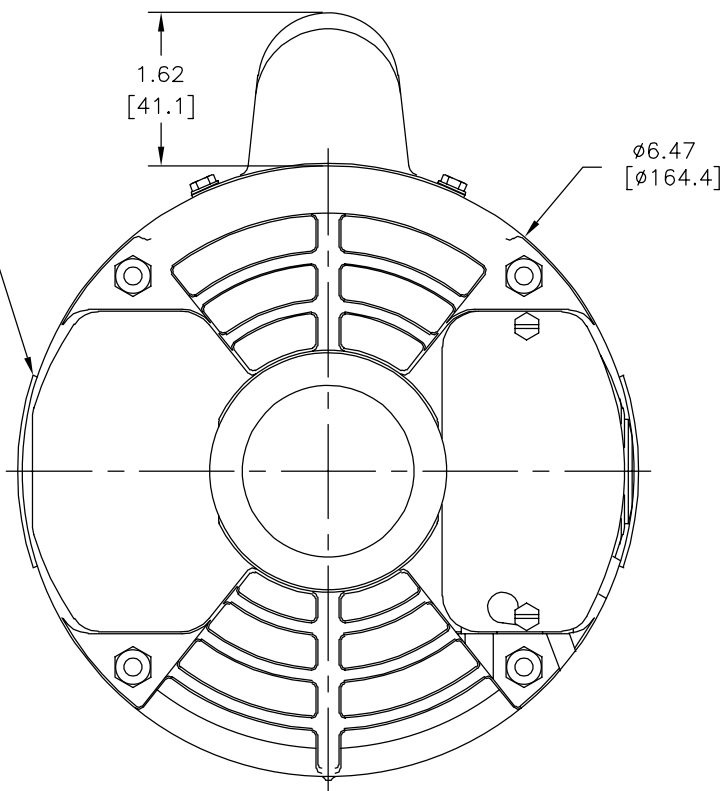
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PARTE SUPERIOR
DE ETIQUETA DE
ADVERTENCIA



PARTE SUPERIOR
DE LA PLACA
DE DATOS

2.13
[54.1]
PLANO
UTILIZABLE

1.38
[35.1]
LONGITUD
DE CUÑA

$\phi .6250^{+.0000}_{-.0005}$
 $\left[\phi 15.875^{+.000}_{-.013} \right]$

1/2-14 ROSCA PARA
CONEXION DE CONDUCTOR
(TAPADA)

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:	
	XX XXX XXXX
PULG	$\pm .1$ $\pm .02$ $\pm .005$ $\pm .0005$
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:	H.MARTINEZ	04-06-2009
APROBADO POR:	A.BLEININGER	04-06-2009
TERCER ANGULO DE PROYECCION		FECHA EDS: 11-11-2011
		REV. FORMATO: H
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REGAL-BELOIT CORPORATION	
DESCRIPCION:	
MODEL-CFHP-56FR OUTLINE	
TAMAÑO:	NUMERO DE DIBUJO:
C	SV2104L
ESCALA:NONE	HOJA: 1

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