

PRODUCT INFORMATION PACKET

Model No: DB6525V1

Catalog No: DB6525V1

Fan Coil & Air Conditioner Motor, 1/4 HP, 1 Ph, 60 Hz, 208-230 V, 1075 RPM, 1 Speed, 42 Frame, OPEN



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Nameplate Specifications

Output HP	1/4 Hp	Output KW	0.19 kW
Frequency	60 Hz	Voltage	208-230 V
Current	1.6 A	Speed	1075 rpm
Service Factor	1	Phase	1
Duty	Air Over	Insulation Class	B
Frame	42Y	Enclosure	Open Enclosed
Thermal Protection	Automatic	Ambient Temperature	40 °C
UL	Recognized	CSA	Y
CE	N	Number of Speeds	1

Technical Specifications

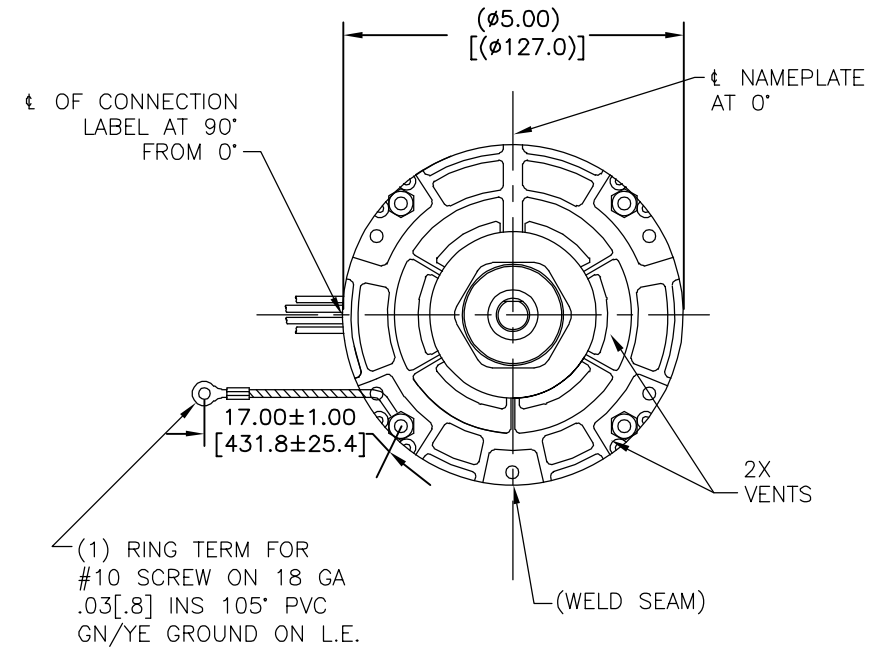
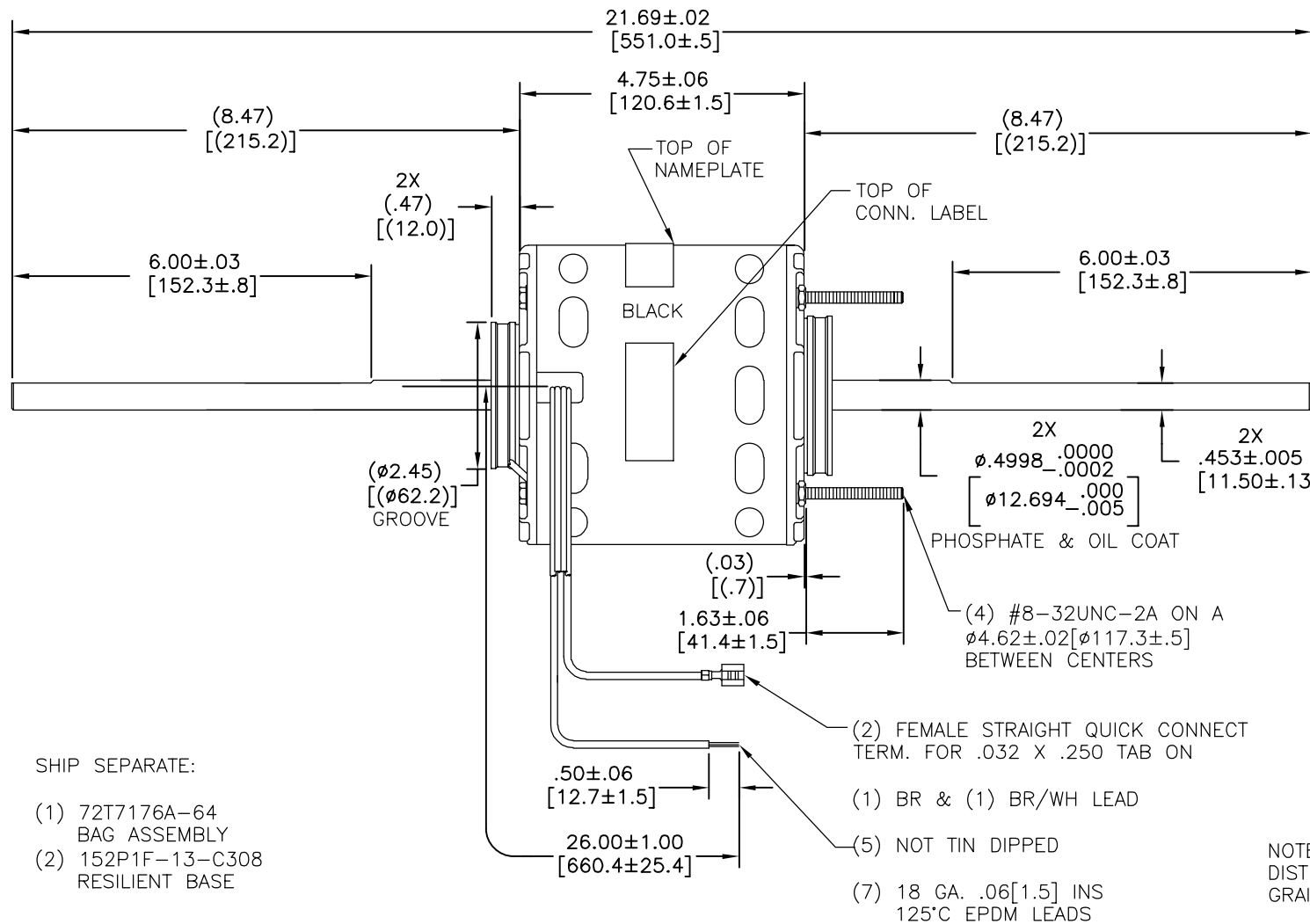
Electrical Type	Permanent Split Capacitor	Starting Method	Across The Line
Poles	6	Rotation	Counterclockwise Lead End
Mounting	Resilient Rings	Motor Orientation	Horizontal
Drive End Bearing	Sleeve	Opp Drive End Bearing	Sleeve
Frame Material	Rolled Steel	Shaft Type	Flat
Overall Length	21.69 in	Frame Length	4.17 in
Shaft Diameter	0.500 in	Shaft Extension	8.5 in
Outline Drawing	DE3H7032-S01		

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CUSTOMER IS SOLELY RESPONSIBLE FOR MOTOR PERFORMANCE AND SUITABILITY IN APPLICATIONS FOR CUSTOMER'S USES.

REV	ECO	REV BY	DATE	APPD	DATE
C	0029018	J.AGUILERA	29-10-2012	D.BALDERRAMA	29-10-2012

END PLAY: .005[.13] MIN - .040[1.01] MAX
 MAX SHAFT RUNOUT .001[.03] PER INCH
 MAX SHAFT RUNOUT NOT TO EXCEED .010[.25]



SHIP SEPARATE:

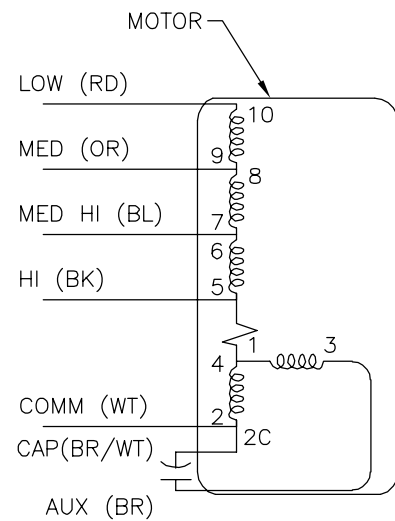
- (1) 72T7176A-64 BAG ASSEMBLY
- (2) 152P1F-13-C308 RESILIENT BASE

NOTES:
 DISTRIBUTION PART NUMBER: DB6525V1
 GRAINGER PART NUMBER: 4MA91

ELECTRICALLY PER
 SAMPLE 0442758C
 CURVE #32243

SHEMATIC-29

ROT.: CCWLE-CWSE



NAMEPLATE DATA

Century Tipp City, OH
 THERMALLY PROTECTED

SER. DATE & P0# PLT LTR MOD DE3H032N' SEE NOTE
 VOLTS 208-230 HZ 60 AMPS 1.6
 RPM 1075 SP PH 1 CAP 7.5MFD/370VAC
 INS CL AMB 40 °C HP 1/4 AO
 BRG SLV

ASSEMBLED IN MEXICO

CONNECTION LABEL

63T7432-297

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
 ±.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: R.RASCON 03-10-2010

APPD: H.SANCHEZ 03-10-2010

THIRD ANGLE PROJECTION

EDS DATE 11-11-2011
 FORMAT REV H

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REGAL REGAL-BELOIT CORPORATION

DESCRIPTION: MODEL-RFHP-42FR OUTLINE

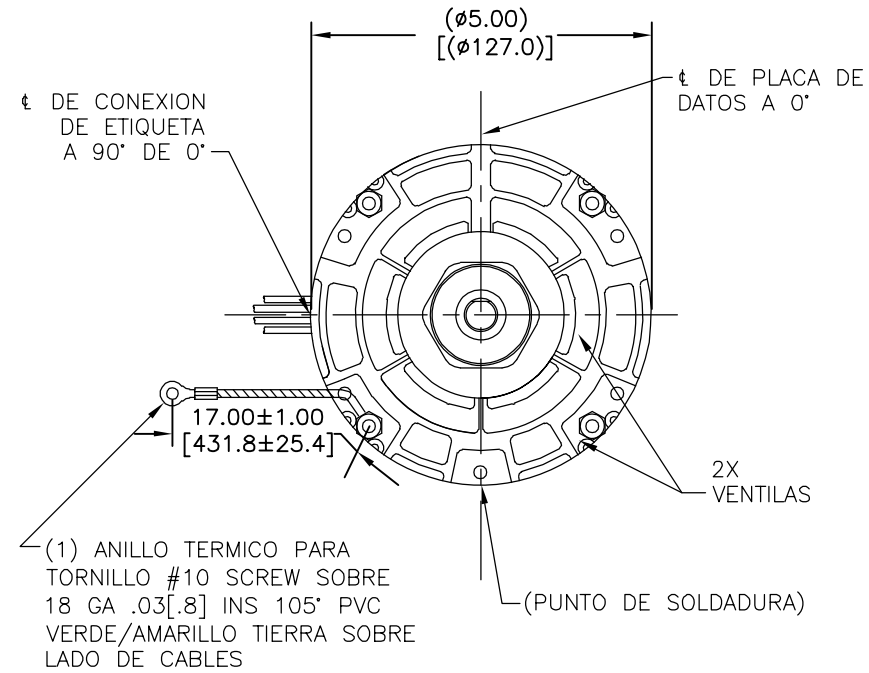
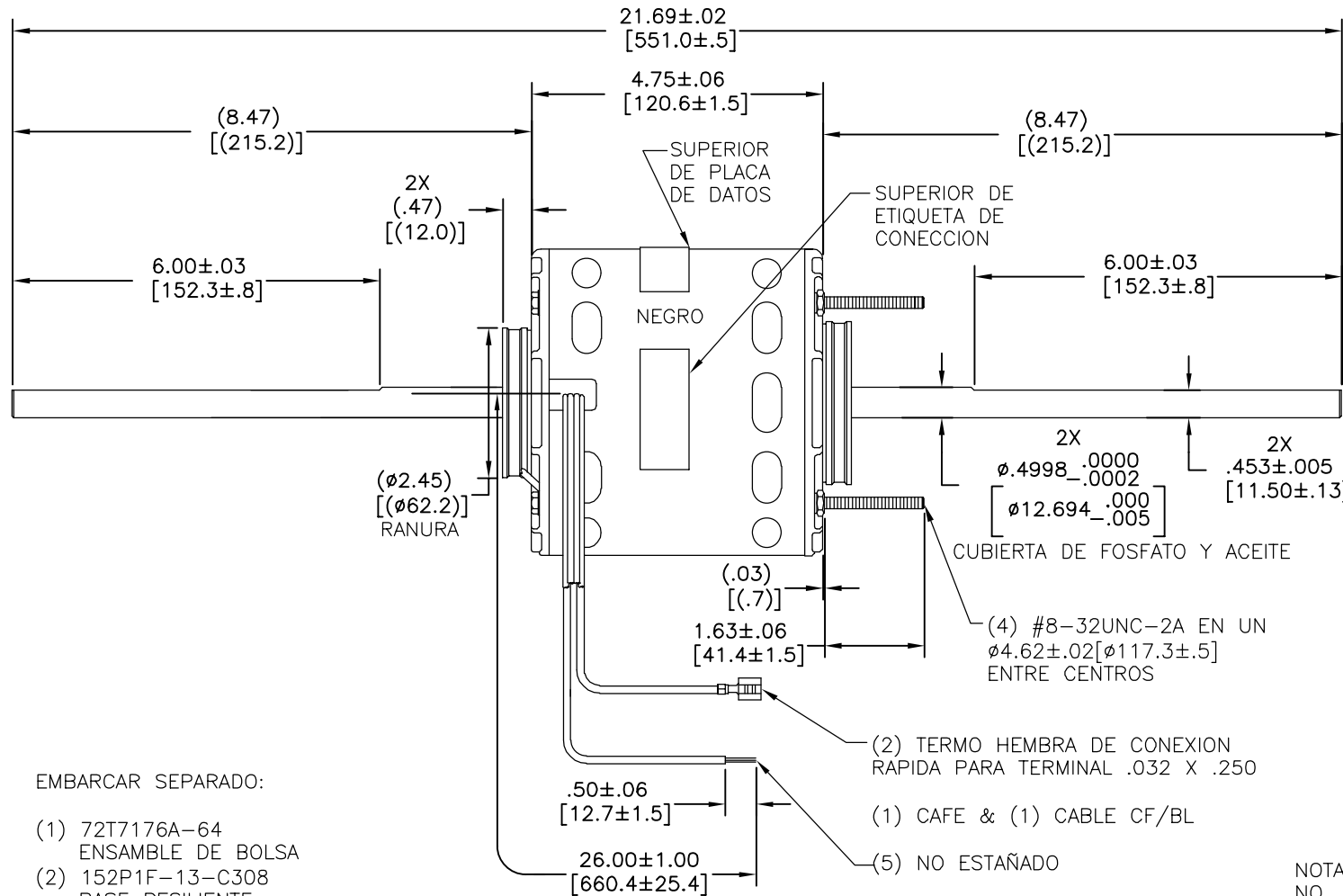
SIZE: C DWG NO: DE3H7032

SCALE: NONE SHEET: 1

EL CLIENTE ES SOLO RESPONSABLE DEL DESARROLLO Y CONVENIENCIA EN APLICACIONES PARA SU PROPIO USO.

REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
C	0029018	J.AGUILERA	29-10-2012	D.BALDERRAMA	29-10-2012

JUEGO AXIAL: .005[.13] MIN - .040[1.01] MAX
 MAX OSCILACION DE FLECHA .001[.03] POR PULGADA
 MAX OSCILACION DE FLECHA NO DEBE EXCEDER .010[.25]



EMBARCAR SEPARADO:

- (1) 72T7176A-64 ENSAMBLE DE BOLSA
- (2) 152P1F-13-C308 BASE RESILIENTE

(2) TERMO HEMBRA DE CONEXION RAPIDA PARA TERMINAL .032 X .250

(1) CAFE & (1) CABLE CF/BL

(5) NO ESTAÑADO

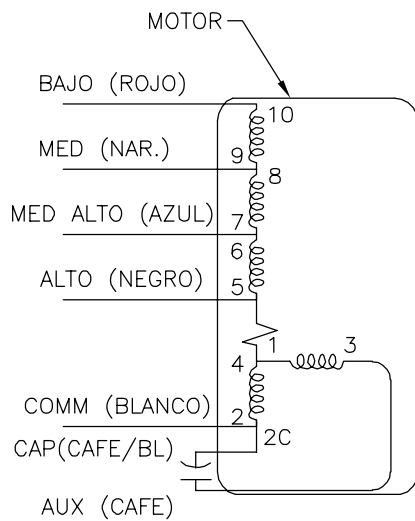
(7) 18 GA. .06[1.5] INS CABLES 125°C EPDM

NOTAS:
 NO. DE PARTE DE DISTRIBUCION: DB6525V1
 NO DE PARTE GRAINGER: 4MA91

ELECTRICAMENTE SEGUN MUESTRA 0442758C CURVA #32243

SHEMATIC-29

ROT.: CCWLE-CWSE



PLACA DE DATOS

Century Tipp City, OH
 THERMALLY PROTECTED
 SER. DATE & P0# PLT LTR MOD DE3H032N' SEE NOTE
 VOLTS 208-230 HZ 60 AMPS 1.6
 RPM 1075 SP PH 1 CAP 7.5MFD/370VAC
 INS CL AMB 40 °C HP 1/4 AO
 BRG SLV
 ASSEMBLED IN MEXICO

ETIQUETA DE CONEXION

63T7432-297

CARACTERISTICAS DE GEOMETRIA Y SIMBOLOS

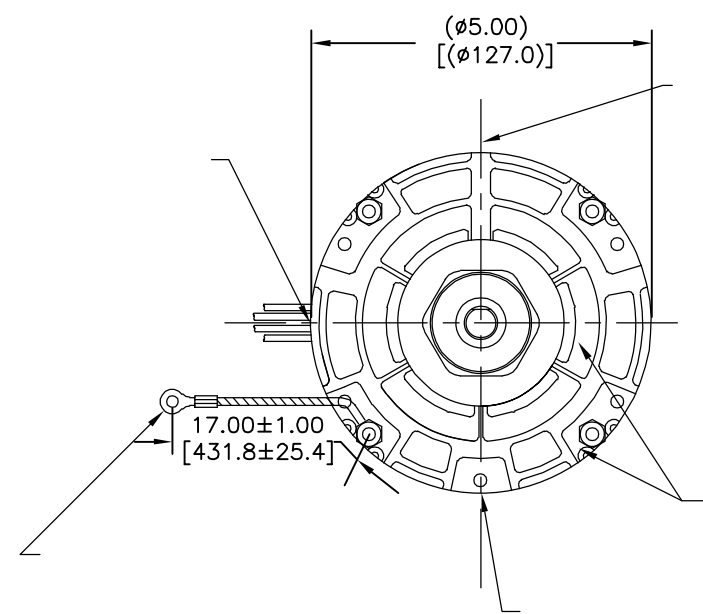
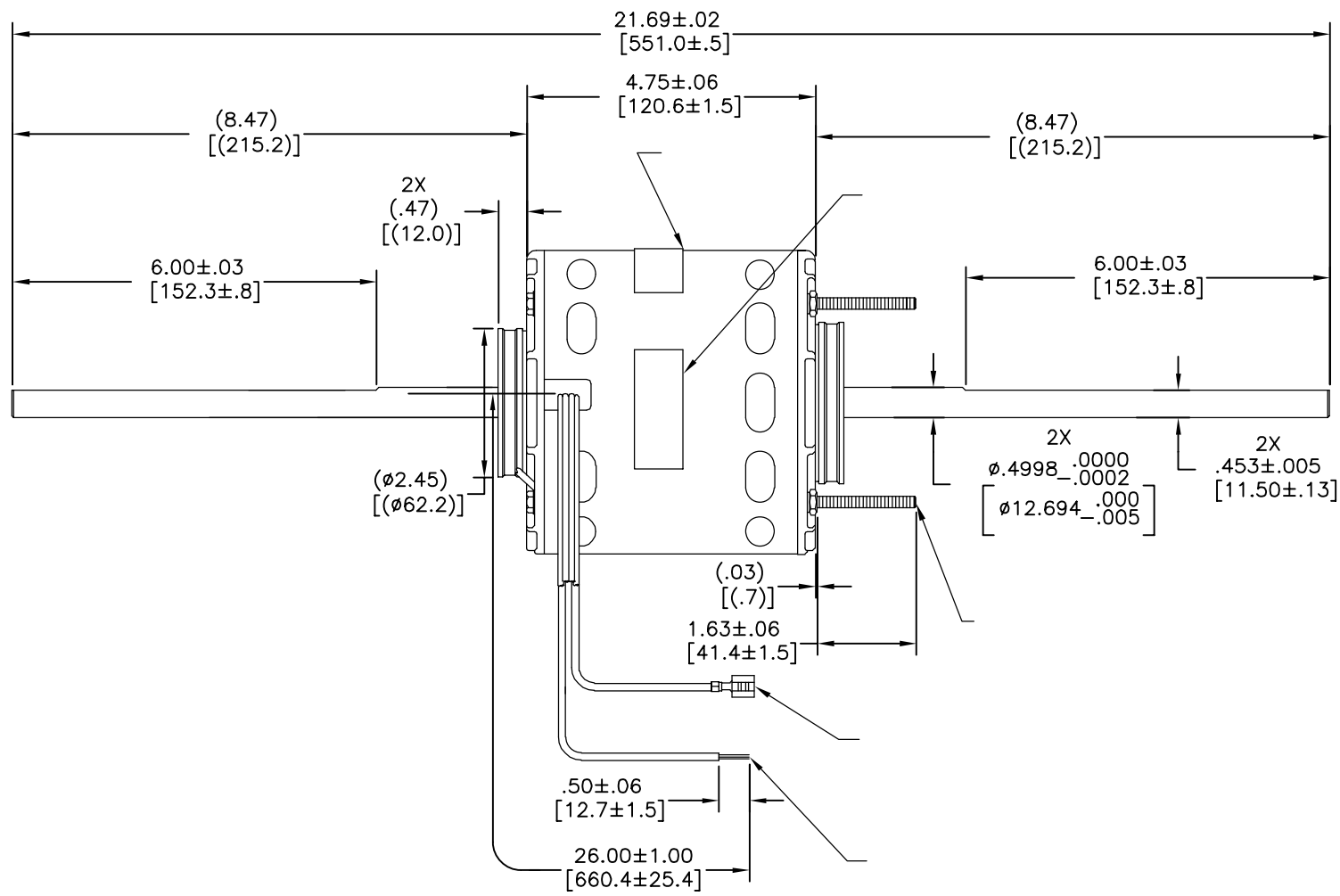
- PLANICIDAD
- RECTITUD
- ∠ ANGULARIDAD
- ⊥ PERPENDICULARIDAD (A ESQUADRA)
- // PARALELISMO
- REDONDEZ (CIRCULARIDAD)
- ∅ CILINDRICIDAD
- △ PERFIL DE CUALQUIER SUPERFICIE
- ∩ PERFIL DE CUALQUIER LINEA
- ∧ VARIACION
- ⊕ POSICION REAL
- ⊙ CONCENTRICIDAD
- = SIMETRIA

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

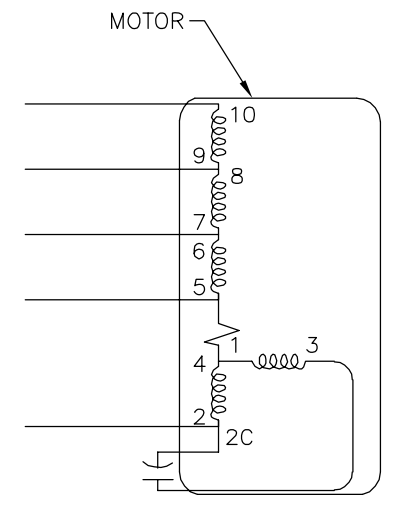
DIBUJADO POR:	R.RASCON	03-10-2010
APROBADO POR:	H.SANCHEZ	03-10-2010
TERCER ANGULO DE PROYECCION	⊕	FECHA EDS: 11-11-2011 REV. FORMATO: H
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REGAL REGAL-BELOIT CORPORATION	
DESCRIPCION: MODEL-RFHP-42FR OUTLINE	
TAMAÑO: C	NUMERO DE DIBUJO: DE3H7032
ESCALA: NONE	HOJA: 1

版本	ECO	编制	日期	批准	日期
C	0029018	J.AGUILERA	29-10-2012	D.BALDERRAMA	29-10-2012



SHEMATIC-29 ROT.: CCWLE-CWSE



Century Tipp City, OH
 THERMALLY PROTECTED
 SER. DATE & PO# PLT LTR MOD DE3H032N' SEE NOTE
 VOLTS 208-230 HZ 60 AMPS 1.6
 RPM 1075 SP PH 1 CAP 7.5MFD/370VAC
 INS CL AMB 40 °C HP 1/4 AO
 BRG SLV
 ASSEMBLED IN MEXICO

63T7432-297

- 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

除另有注明
 尺寸公差如下:
 英寸 X XX XXX XXXX
 毫米 ±.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:	R.RASCON	03-10-2010
批准:	H.SANCHEZ	03-10-2010
第三角投影		图纸格式发布日期 11-11-2011 图纸格式版本 H
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REGAL REGAL-BELOIT CORPORATION	
名称	MODEL-RFHP-42FR OUTLINE
图幅	C 图号 DE3H7032
比例	NONE 页号 1

ASME Y14.5M 1994