

# PRODUCT INFORMATION PACKET



Model No: V110  
Catalog No: V110

General Purpose Motor, 2.0 HP, 1 Ph, 60 Hz, 208-230/115 V, 3600 RPM, N145T Frame, DP



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### Nameplate Specifications

|                    |                 |                     |               |
|--------------------|-----------------|---------------------|---------------|
| Output HP          | 2.0 Hp          | Output KW           | 1.5 kW        |
| Frequency          | 60 Hz           | Voltage             | 208-230/115 V |
| Current            | 10.0-9.5/19.0 A | Speed               | 3450 rpm      |
| Service Factor     | 1.2             | Phase               | 1             |
| Duty               | Continuous      | Insulation Class    | B             |
| Frame              | N145T           | Enclosure           | Drip Proof    |
| Thermal Protection | No Protection   | Ambient Temperature | 40 °C         |
| UL                 | Recognized      | CSA                 | Y             |
| CE                 | N               | Number of Speeds    | 1             |

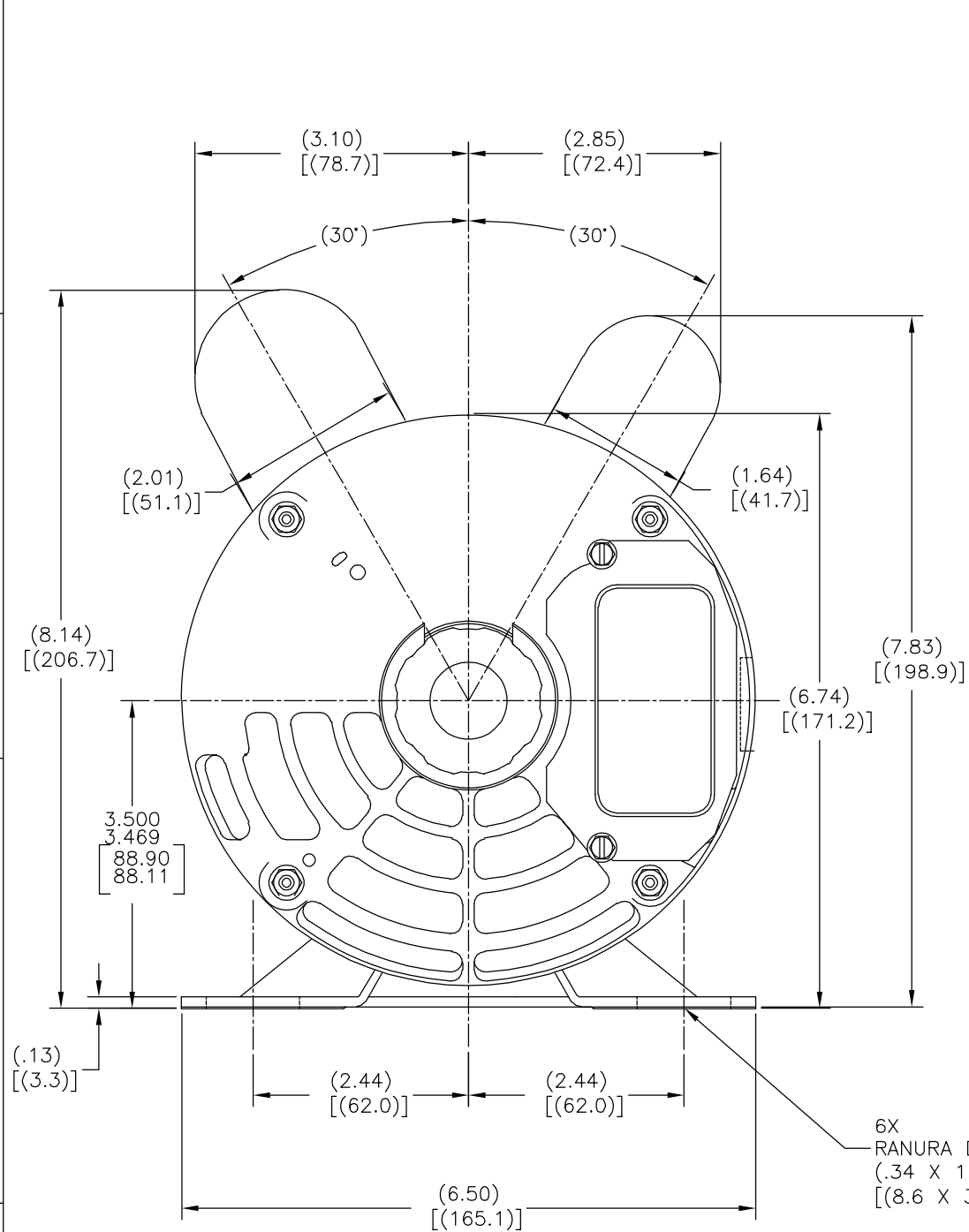
### Technical Specifications

|                       |                                                        |                    |                             |
|-----------------------|--------------------------------------------------------|--------------------|-----------------------------|
| Electrical Type       | Capacitor Start, Capacitor Run, Single Or Dual Voltage | Starting Method    | Across The Line             |
| Poles                 | 2                                                      | Rotation           | Reversible Counterclockwise |
| Mounting              | Rigid Base                                             | Drive End Bearing  | Ball                        |
| Opp Drive End Bearing | Ball                                                   | Frame Material     | Rolled Steel                |
| Shaft Type            | Keyed                                                  | Overall Length     | 13.06 in                    |
| Frame Length          | 7.25 in                                                | Shaft Diameter     | 0.875 in                    |
| Shaft Extension       | 2.31 in                                                |                    |                             |
| Outline Drawing       | V110-S01                                               | Connection Drawing | 17050302.PCX                |

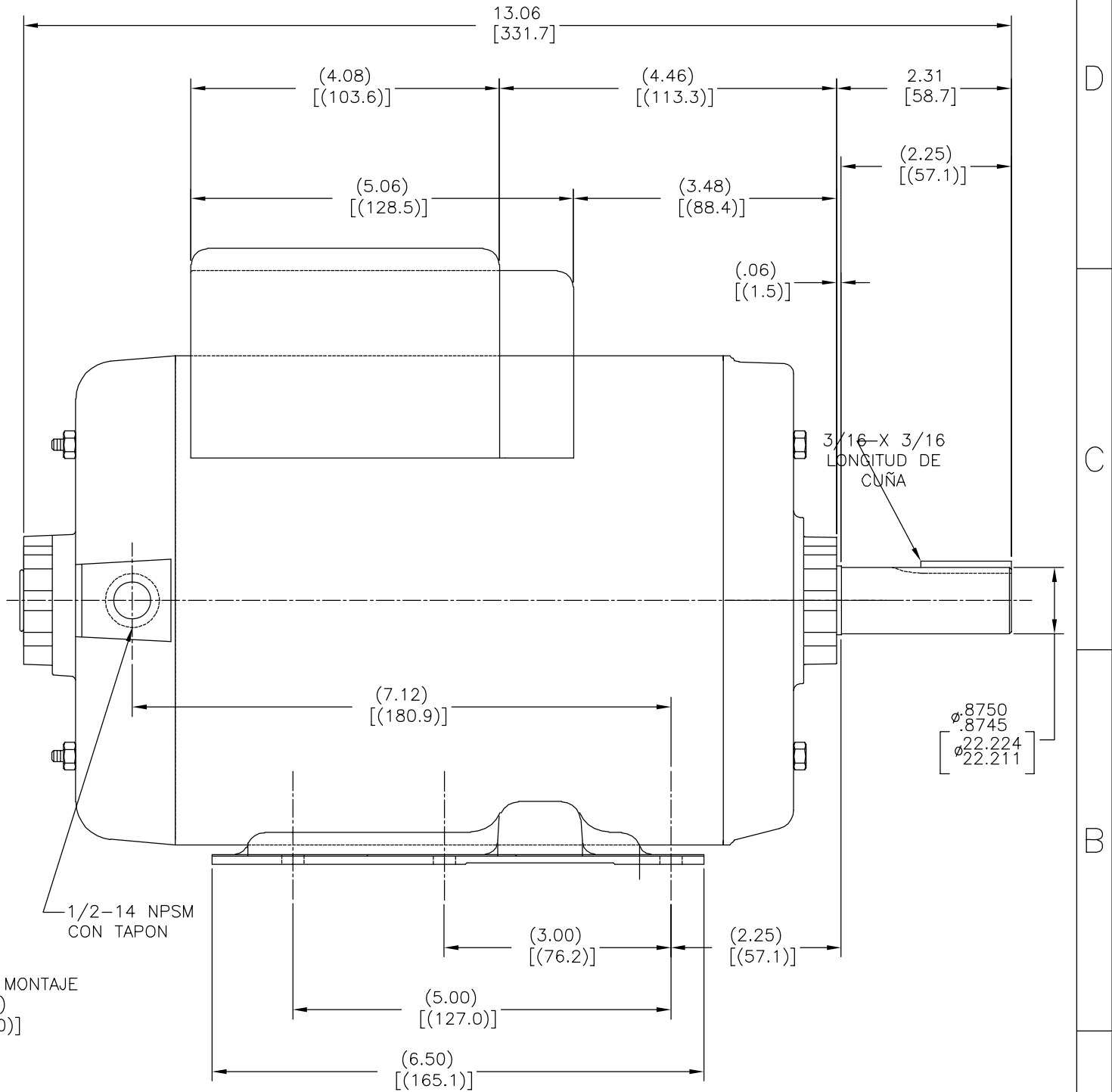
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|      |         |               |
|------|---------|---------------|
| TIPO | CARCAZA | OBSERVACIONES |
| CP   | N145T   |               |

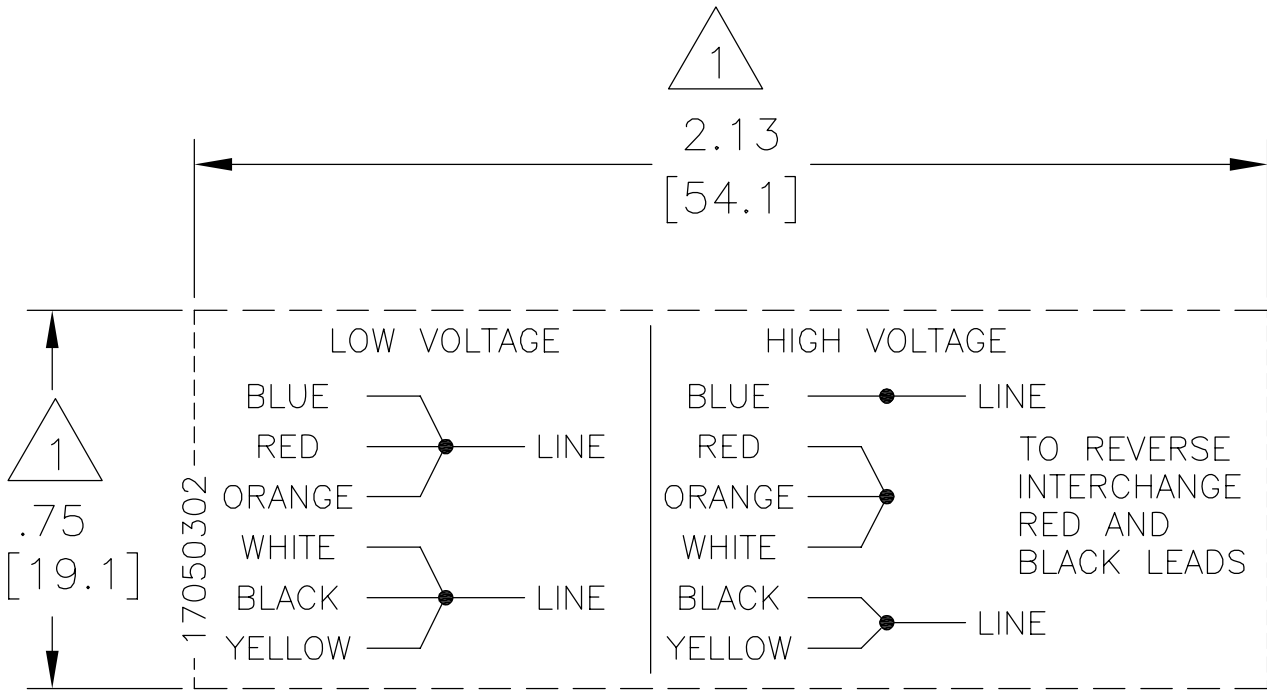


6X  
-RANURA DE MONTAJE  
(.34 X 1.22)  
[(8.6 X 31.0)]



|                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                          |                                                                                              |                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CARACTERISTICAS DE GEOMETRIA Y SIMBOLOS<br>▮ PLANICIDAD<br>— RECTITUD<br>⊥ ANGULARIDAD<br>⊥ PERPENDICULARIDAD (A ESCUADRA)<br>// PARALELISMO<br>○ REDONDEZ (CIRCULARIDAD)<br>⊘ CILINDRICIDAD<br>Δ PERFIL DE CUALQUIER SUPERFICIE<br>∩ PERFIL DE CUALQUIER LINEA<br>∩ VARIACION<br>⊕ POSICION REAL<br>⊙ CONCENTRICIDAD<br>⊕ SIMETRIA | A MENOS QUE SE ESPECIFIQUE DE OTRA MANERA, LAS TOLERANCIAS DE LAS DIMS. SON LAS SIGUIENTES:<br>X XX XXX XXXX<br>PULG. ±.1 ±.02 ±.005 ±.0005<br>mm ±0.5 ±0.13 ±0.13<br>ANG. ±.50 GRADOS<br>ELIMINAR REBABAS Y ORILLAS FILOSAS DEL BORDE.<br>PULG. .003-.015 mm 0.1-0.4<br>FILETEAR ESQUINA: PULG. .020 mm 0.5<br>MAQUINAR SUPERFICIES<br>PULG. 125 mm 3.2 | DIBUJADO POR:<br>G. RODRIGUEZ<br>12-12-2013<br>APROBADO POR:<br>TERESITA REYES<br>12-12-2013 | TERCER ANGULO DE PROYECCION  FECHA EDS: 11-11-2011<br>REV. FORMATO: H | <div style="text-align: right;">  <b>REGAL-BELOIT CORPORATION</b> </div> <div style="text-align: center;"> <b>DESCRIPCION:</b><br/> <div style="border: 1px solid black; padding: 5px; display: inline-block;">             MODEL-CFHP-56FR<br/>             OUTLINE           </div> </div> <div style="display: flex; justify-content: space-between;"> <div> <b>TAMAÑO:</b><br/> <div style="border: 1px solid black; padding: 5px; display: inline-block; font-size: 2em;">C</div> </div> <div> <b>NUMERO DE DIBUJO:</b><br/> <div style="border: 1px solid black; padding: 5px; display: inline-block; font-size: 2em;">V110</div> </div> </div> <div style="display: flex; justify-content: space-between;"> <div> <b>ESCALA:</b> NONE         </div> <div> <b>HOJA:</b> 1         </div> </div> |
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|     |             |        |            |               |            |
|-----|-------------|--------|------------|---------------|------------|
| REV | ECO         | REV BY | DATE       | APPD          | DATE       |
| Y   | ECO-0022098 | J. COX | 04-24-2012 | C. McREYNOLDS | 04-24-2012 |



NOTES:

1. DOTTED BOX REPRESENTS TOTAL PRINTED AREA ALLOWED FOR CONNECTION DIAGRAM TO FIT IN. THIS AREA DOES NOT INCLUDE THE BORDER AROUND THE CONNECTION DIAGRAM. SEE NAMEPLATE DRAWING 170500 OR 170501 FOR LOCATION.
2. DETAILS ARE NOT TO BE COPIED FROM DRAWING, BUT ARE TO BE REPRODUCED FROM ORIGINAL ARTWORK FURNISHED.
3. CHARACTERS ARE TO BE A MINIMUM OF .03[.8] TO .06[1.5] MAXIMUM IN HEIGHT.

GEOMETRIC CHARACTERISTICS & SYMBOLS  
— FLATNESS  
— STRAIGHTNESS  
— ANGULARITY  
— PERPENDICULARITY (SQUARENESS)  
// PARALLELISM  
O 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 .1 .02 .005 .0005  
mm .5 .13 .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]

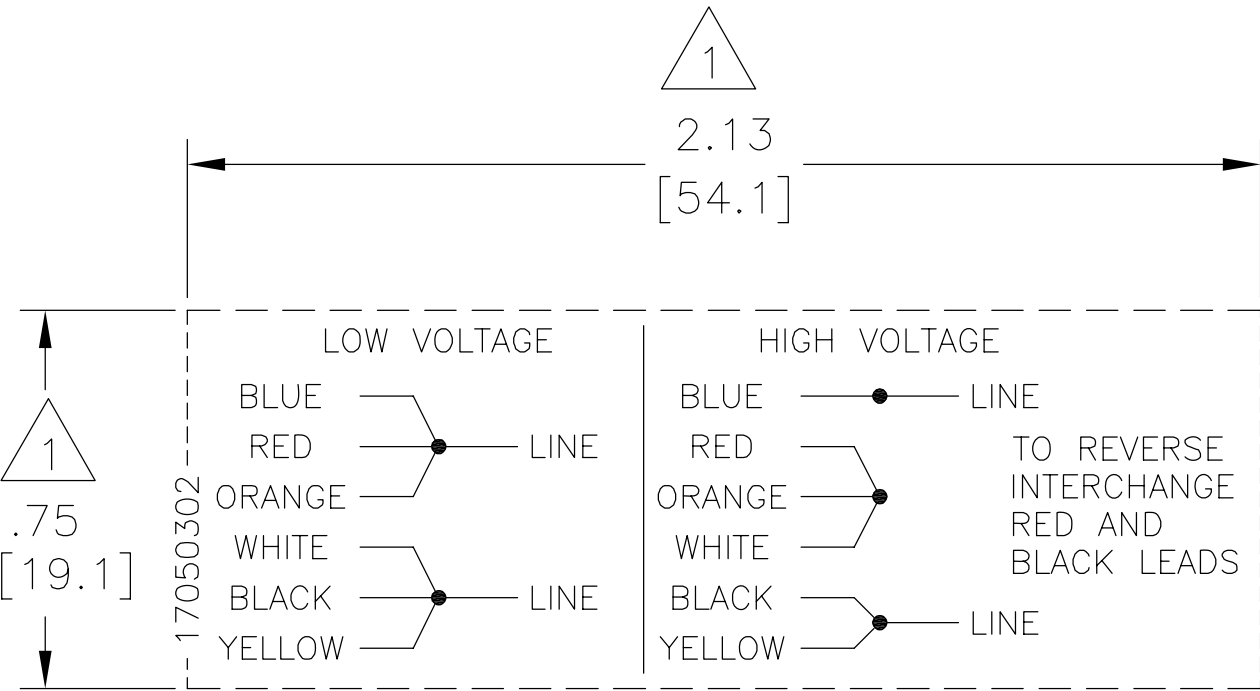
|                                                                                                                                                                                                                                                                              |     |                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------------------------------|
| DR BY:                                                                                                                                                                                                                                                                       | MLC | 03-04-1985                          |
| APPD:                                                                                                                                                                                                                                                                        | MLC | 03-13-1985                          |
| THIRD ANGLE PROJECTION                                                                                                                                                                                                                                                       | ⊕   | EDS DATE 11-11-2011<br>FORMAT REV G |
| CONFIDENTIAL: THIS DRAWING AND ITS INFORMATION ARE THE EXCLUSIVE AND CONFIDENTIAL PROPERTY OF REGAL-BELOIT CORPORATION AND ARE NOT TO BE DISCLOSED, DUPLICATED, DISTRIBUTED OR OTHERWISE USED WITHOUT THE WRITTEN CONSENT OF REGAL-BELOIT CORPORATION. -ALL RIGHTS RESERVED. |     |                                     |



REGAL-BELOIT CORPORATION

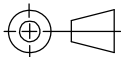
|                                       |                    |            |
|---------------------------------------|--------------------|------------|
| DESCRIPTION<br>CONN DIAGRAM-NAMEPLATE |                    |            |
| SIZE<br>A                             | DWG NO<br>17050302 |            |
| SCALE<br>NONE                         |                    | SHEET<br>1 |

|           |             |               |            |               |            |
|-----------|-------------|---------------|------------|---------------|------------|
| REVISION: | ECO         | REVISADO POR: | FECHA:     | APROBADO POR: | FECHA:     |
| Y         | ECO-0022098 | J. COX        | 04-24-2012 | C. McREYNOLDS | 04-24-2012 |

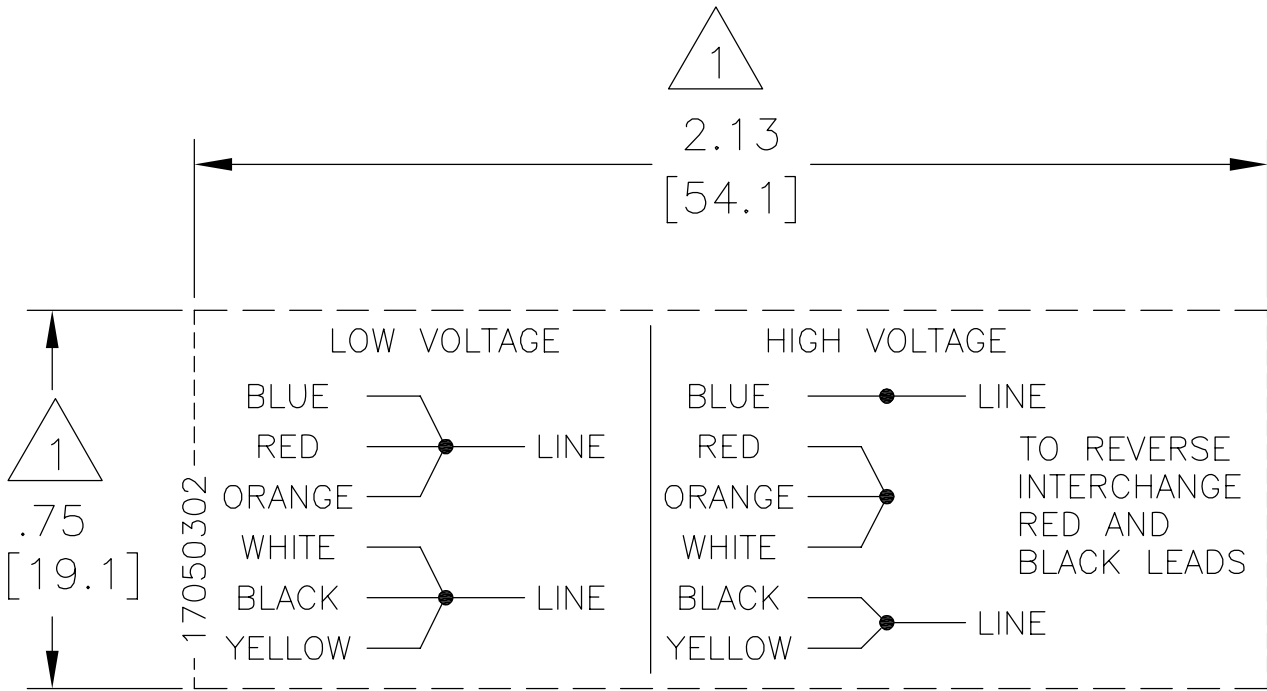


NOTAS:

1. LA CAJA PUNTEADA REPRESENTA EL AREA TOTAL IMPRESA PERMITIDA PARA EL DIAGRAMA DE CONEXION PARA QUE ENCAJE EN ESTA AREA NO INCLUYE EL BORDE AL REDEDOR DEL DIAGRAMA DE CONEXION. VER DIBUJO DE PLACA DE DATOS 170500 O 170501 PARA UBICACION.
2. LOS DETALLES NO DEBEN SER COPIADOS DEL DIBUJO, PERO VA A SER REPRODUCIDA DEL TRABAJO ORIGINAL SUMINISTRADO.
3. LOS CARACTERES SON DE UN MINIMO DE .03[.8] A .06[1.5] EN ALTURA MAXIMA.

|                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                             |                                                                                       |                                                                                                                                  |                                        |                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-------------------------------|
| CARACTERISTICAS DE GEOMETRIA Y SIMBOLOS<br>□ PLANICIDAD<br>— RECTITUD<br>∠ ANGULARIDAD<br>⊥ PERPENDICULARIDAD (A ESCUADRA)<br>// PARALELISMO<br>○ REDONDEZ (CIRCULARIDAD)<br>⌀ CILINDRICIDAD<br>⌒ PERFIL DE CUALQUIER SUPERFICIE<br>⌒ PERFIL DE CUALQUIER LINEA<br>↑ VARIACION<br>⊕ POSICION REAL<br>◎ CONCENRICIDAD<br>≡ SIMETRIA<br><br>ASME Y14.5M 1994 | A MENOS QUE SE ESPECIFIQUE DE OTRA MANERA, LAS TOLERANCIAS DE LAS DIMS. SON LAS SIGUIENTES:<br><div><div>X</div><div>XX</div><div>XXX</div><div>XXXX</div></div> <div>PULG ±.1 ±.02 ±.005 ±.0005</div> <div>mm ±0.5 ±0.13 ±0.013</div> <div>ANG. ±.50 GRADOS</div> <div>ELIMINAR REBABAS Y ORILLAS FILOSAS DEL BORDE.</div> <div>PULG .003-.015 mm 0.1-0.4</div> <div>FILETEAR ESQUINA: PULG .020 mm 0.5</div> <div>MAQUINAR SUPERFICIES</div> <div>PULG 125 mm 3.2</div> <div>DIMS METRICAS MOSTRADAS [PARENTESIS]</div> | DIBUJADO POR:<br>MLC                                                                                                                                                                                                                                                                        | 03-04-1985                                                                            | <div> <b>REGAL-BELOIT CORPORATION</b></div> |                                        |                               |
|                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | APROBADO POR:<br>MLC                                                                                                                                                                                                                                                                        | 03-13-1985                                                                            |                                                                                                                                  |                                        |                               |
|                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | TERCER ANGULO DE PROYECCION                                                                                                                                                                                                                                                                 |  | FECHA EDS: 11-11-2011<br>REV. FORMATO: G                                                                                         | DESCRIPCION:<br>CONN DIAGRAM-NAMEPLATE |                               |
|                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | CONFIDENCIAL: ESTE DIBUJO Y SU INFORMACION SON PROPIEDAD DE USO EXCLUSIVO Y CONFIDENCIAL DE REGAL-BELOIT CORPORATION Y NO DEBERAN SER REVELADOS, Duplicados, DISTRIBUIDOS O USARSE DE OTRA MANERA SIN EL CONSENTIMIENTO ESCRITO DE REGAL-BELOIT CORPORATION.-TODOS LOS DERECHOS RESERVADOS. |                                                                                       |                                                                                                                                  | TAMAÑO:<br>A                           | NUMERO DE DIBUJO:<br>17050302 |
|                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                             |                                                                                       |                                                                                                                                  | ESCALA: NONE                           |                               |

|    |             |        |            |               |            |
|----|-------------|--------|------------|---------------|------------|
| 版本 | ECO         | 编制     | 日期         | 批准            | 日期         |
| Y  | ECO-0022098 | J. COX | 04-24-2012 | C. McREYNOLDS | 04-24-2012 |



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[ ]

|                                                                                                        |     |                                 |
|--------------------------------------------------------------------------------------------------------|-----|---------------------------------|
| 绘图:                                                                                                    | MLC | 03-04-1985                      |
| 批准:                                                                                                    | MLC | 03-13-1985                      |
| 第三角投影                                                                                                  |     | 图纸格式发布日期 11-11-2011<br>图纸格式版本 G |
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|                              |                |         |
|------------------------------|----------------|---------|
|                              |                |         |
| 名称<br>CONN DIAGRAM-NAMEPLATE |                |         |
| 图幅<br>A                      | 图号<br>17050302 |         |
| 比例<br>NONE                   |                | 页号<br>1 |