PRODUCT INFORMATION PACKET

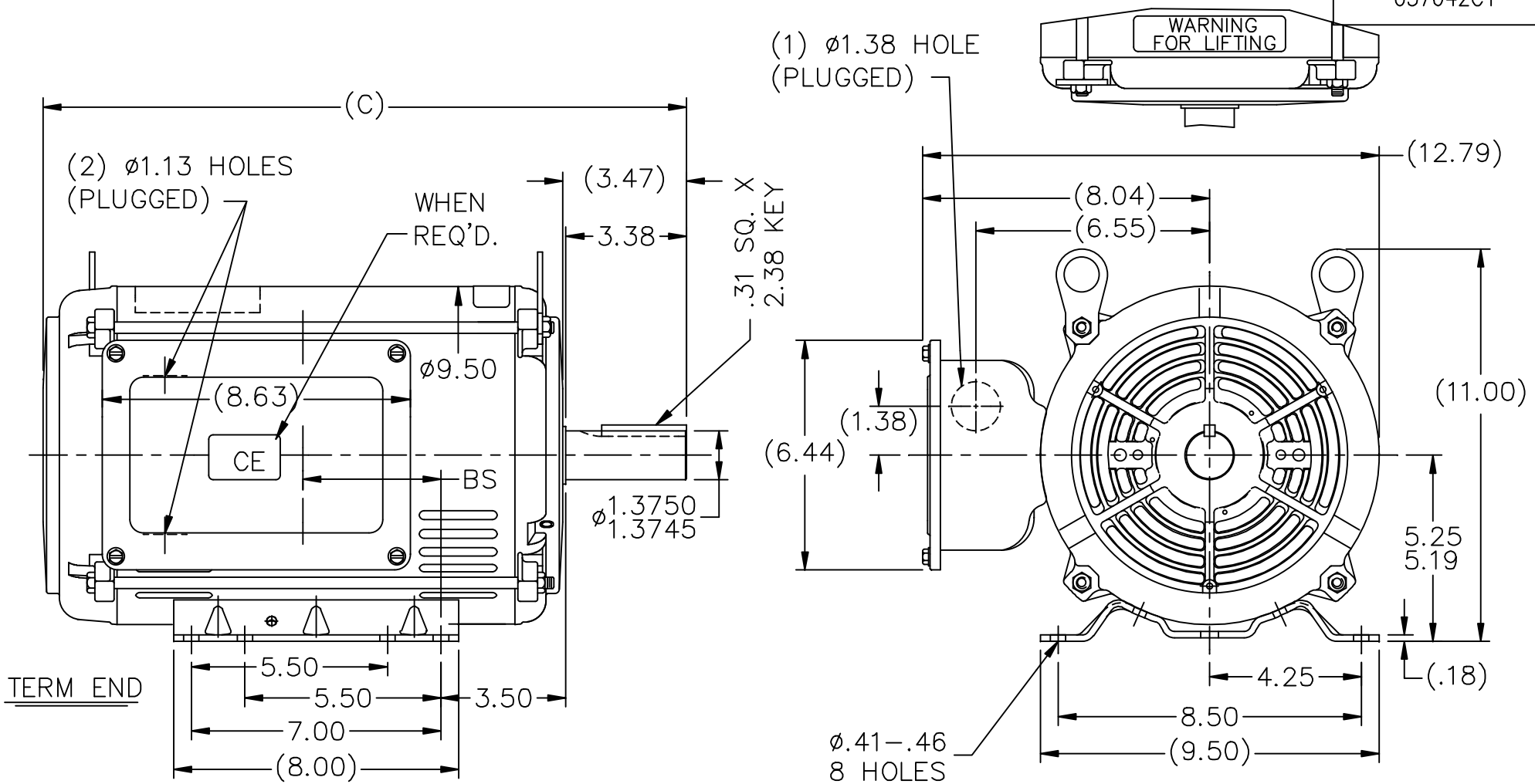
Model No: V304M2
Catalog No: V304M2
5 HP General Purpose Motor, 1 phase, 1800 RPM, 230/460 V, 213T Frame, ODP
General Purpose Motors

Nameplate Specifications

Output HP	**5 Hp**	Output KW	**3.7 kW**
Frequency	**60 Hz**	Voltage	**230/460 V**
Current	**22/11 A**	Speed	**1750 rpm**
Service Factor	**1.15**	Phase	**1**
Duty	**Continuous**	Insulation Class	**F**
Frame	**213T**	Enclosure	**Drip Proof**
Thermal Protection	**No**	Ambient Temperature	**40 °C**
UL	**No**	CSA	**Y**
CE	**Y**	Number of Speeds	**1**

Technical Specifications

Electrical Type	**Capacitor Start Capacitor Run**	Starting Method	**Across The Line**
Poles	**4**	Rotation	**Counterclockwise**
Mounting	**Rigid Base**	Drive End Bearing	**Ball**
Opp Drive End Bearing	**Ball**	Frame Material	**Rolled Steel**
Shaft Type	**Keyed**	Overall Length	**18.05 in**
Frame Length	**11.15 in**	Shaft Diameter	**1.375 in**
Shaft Extension	**3.47 in**		
Outline Drawing	**037642CY**	Connection Drawing	**D0000419-001**



DASH	FR.	C	BS
965	213T	16.55	2.45
1115	213/15T	18.05	3.95
1240	213/15T	19.30	5.20

NOTES:
1. NAMEPLATE TO BE READ FROM C'BOX SIDE OF MOTOR.

NO.	REVISION	BY & DATE	CHK

TOLERANCES UNLESS SPECIFIED

DEC.	INCHES
.X	±.1
.XX	±.03
.XXX	±.005
.XXXX	±.0005
ANG	±7'30"

Century

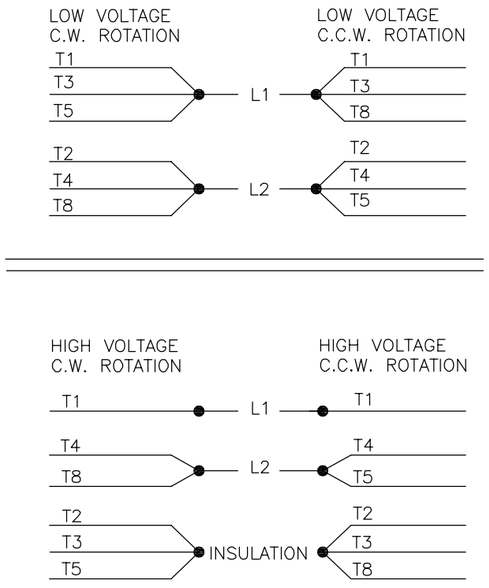
DRAWN GR 07/23/12
CHK SR 07/23/12
APPD
SCALE 1=4.2
REF 037642
FMF
PREV

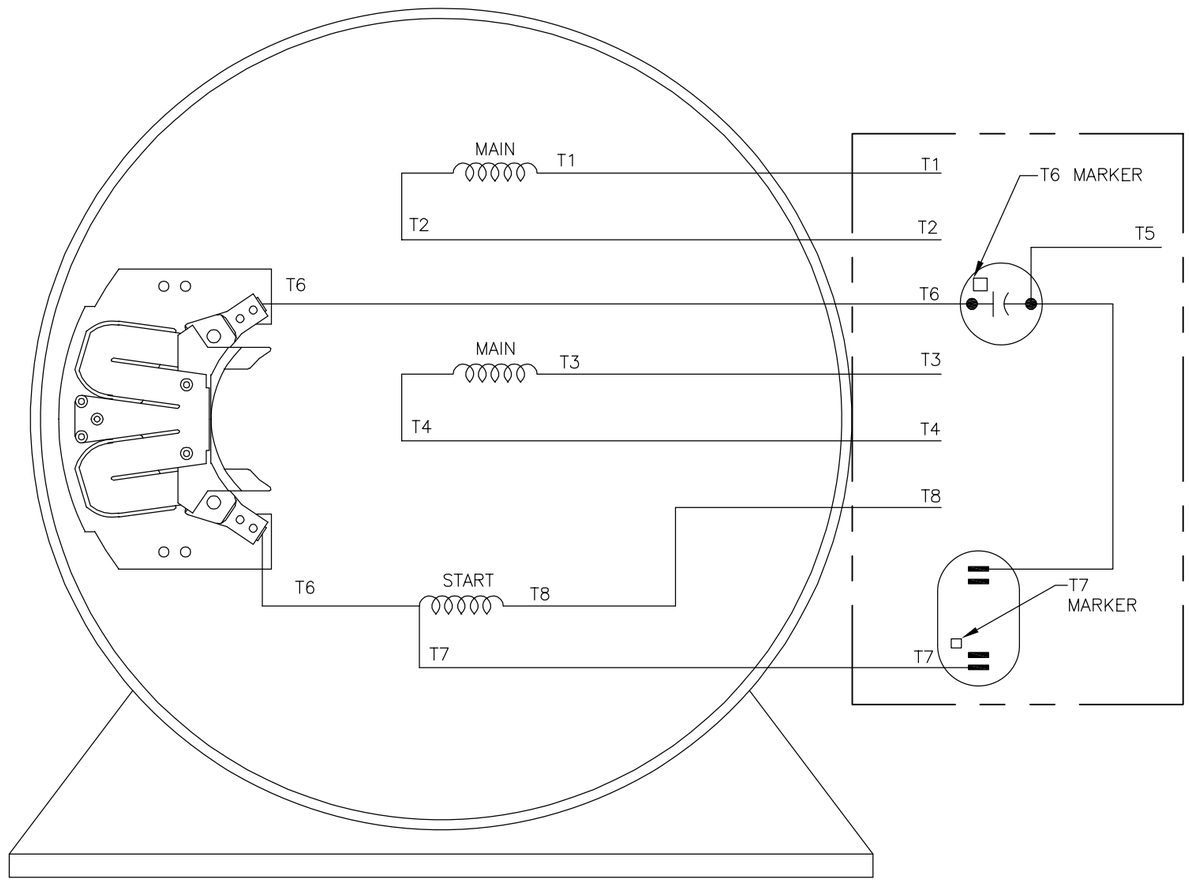
TITLE OUTLINE – 210T
DP – RIGID – STD
MAT'L.
FINISH
CAD FILE 037642CY
RFP
DIST LB

SIZE A | DRAWING NO. 037642CY | PAGE 1 OF 1 | REV.

REV	ECO	REV BY	DATE	APPD	DATE
A	ECO-0028615	M.AVILA	10-02-2012	H.SANCHEZ	10-02-2012

DUAL VOLTAGE REVERSIBLE-CAPACITOR START-CAPACITOR RUN-REVERSIBLE



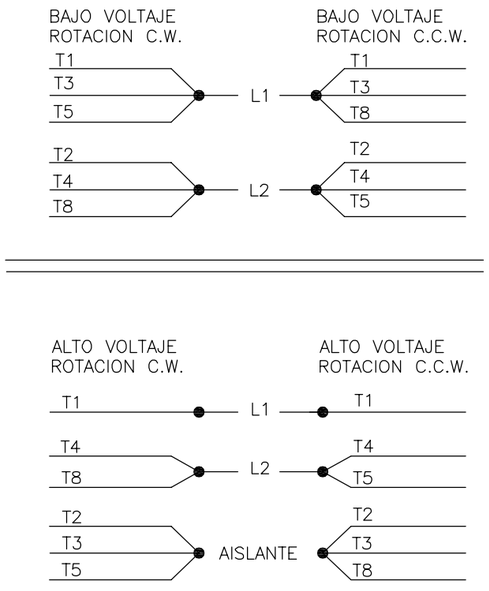


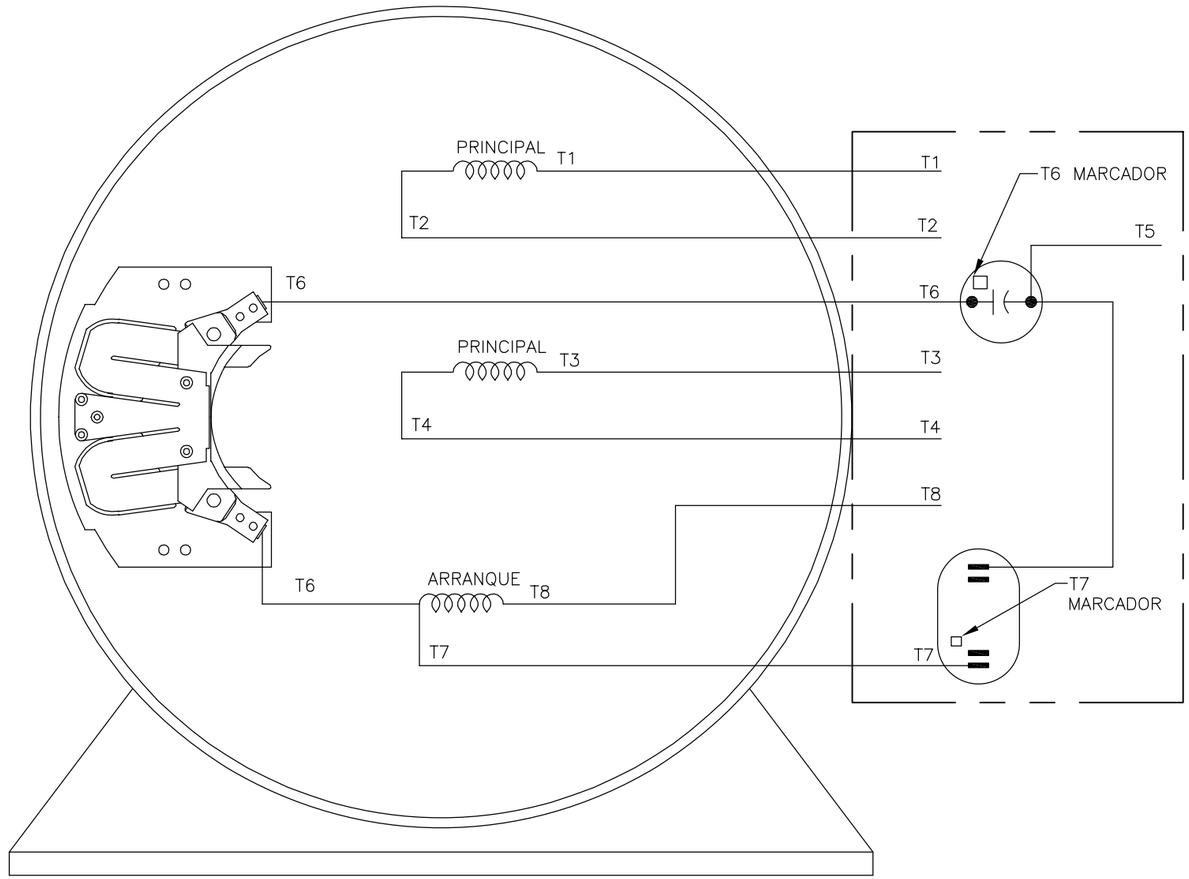
VIEW OF TERMINAL END

GEOMETRIC CHARACTERISTICS & SYMBOLS	UNLESS OTHERWISE SPECIFIED	DR BY: M.AVILA	10-02-2012	REGAL-BELOIT CORPORATION
▱ 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	DIM. TOLERANCES ARE AS FOLLOWS: X XX XXX XXXX INCH ±.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]	APPD: D.JAMORA	10-02-2012	DESCRIPTION: CONN DIAGRAM-EXTERNAL
		THIRD ANGLE PROJECTION	EDS DATE 11-11-2011 FORMAT REV H	SIZE C · DWG NO D0000419-001
		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.		SCALE NONE · SHEET 1

REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
A	ECO-0028615	M.AVILA	10-02-2012	H.SANCHEZ	10-02-2012

VOLTAGE DUAL REVERSIBLE-CAPACITOR DE ARRANQUE-CORRIDA DE CAPACITOR





VISTA DE LADO DE TERMINAL

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: M.AVILA — 10-02-2012 APROBADO POR: D.JAMORA — 10-02-2012 TERCER ANGULO DE PROYECCION FECHA EDS: 11-11-2011 REV. FORMATO: H 	REGAL **REGAL-BELOIT CORPORATION** DESCRIPCION: CONN DIAGRAM-EXTERNAL TAMAÑO: C — NUMERO DE DIBUJO: D0000419-001 ESCALA: NONE — HOJA: 1

版本	ECO	编制	日期	批准	日期
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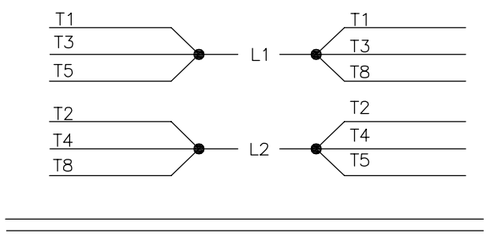

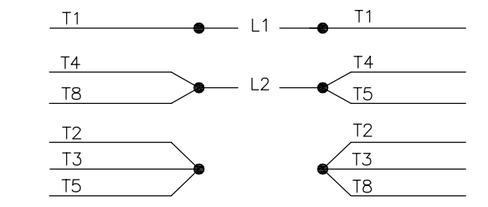

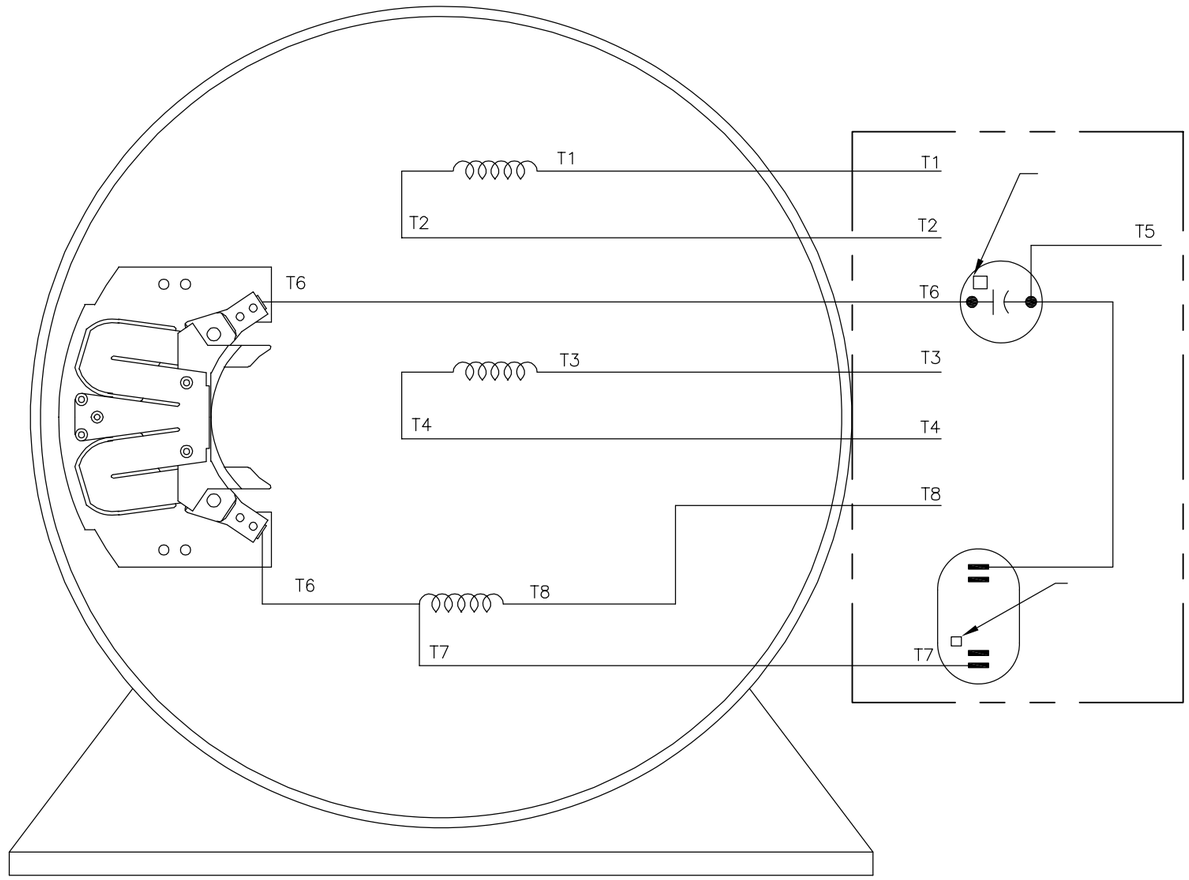

形位公差	除另有注明	绘图: M.AVILA	10-02-2012	REGAL-BELOIT CORPORATION
▱ 平面度	尺寸公差如下:	批准: D.JAMORA	10-02-2012	名称 CONN DIAGRAM-EXTERNAL
— 直线度	X XX XXX XXXX	第三角投影	图纸格式发布日期 11-11-2011	
∠ 倾斜度	英寸 ±.1 ±.02 ±.005 ±.0005		图纸格式版本 H	
⊥ 垂直度	毫米 ±0.5 ±0.13 ±0.013			
// 平行度	角度 ±.50 度			
○ 圆度	清理毛刺和尖棱			
⌭ 圆柱度	英寸 .003-.015 毫米 0.1-0.4			
⌓ 面轮廓度	内圆角			
⌒ 线轮廓度	英寸 .020 毫米 0.5			
↗ 圆跳动	表面粗糙度			
⌖ 位置度	英制 125 米制 3.2			
◎ 同轴度	米制尺寸显示在[ ]			
≒ 对称度	ASME Y14.5M 1994			

图幅	图号	比例	页号
C	D0000419-001	NONE	1