

PRODUCT INFORMATION PACKET



Model No: 7DB6504

Catalog No: 7DB6504

1/6-1/8-1/10 HP Fan Coil / Room Air Conditioner Motor, 1075 RPM, 3 Speed, 277 Volts, 42 Frame, OAO
Fan Coil / Room Air Conditioner Motors



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The REGAL logo is a grey rectangular box with the word "REGAL" in white, bold, sans-serif capital letters. It is positioned on a dark blue, vertically-oriented decorative bar that has a halftone dot pattern and a white diagonal line running through it.

REGAL



Nameplate Specifications

Output HP	1/6,1/8,1/10 Hp	Output KW	0.13 kW
Frequency	60 Hz	Voltage	277 V
Current	0.9,0.7,0.5 A	Speed	1075 rpm
Service Factor	1	Phase	1
Duty	Air Over	Insulation Class	A
Frame	42Y	Enclosure	Open Air Over
Thermal Protection	Automatic	Ambient Temperature	40 °C
UL	Recognized	CSA	Y
CE	N		

Technical Specifications

Electrical Type	Permanent Split Capacitor	Starting Method	Across The Line
Poles	6	Rotation	Counterclockwise Lead End
Mounting	Resilient Base	Motor Orientation	Horizontal
Drive End Bearing	Sleeve	Opp Drive End Bearing	Sleeve
Frame Material	N/A	Shaft Type	Flat
Overall Length	22.00 in	Shaft Diameter	0.500 in
Shaft Extension	9.3X.5X9.3 in		
Connection Drawing	7552A86F01	Outline Drawing	11927-010

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4	3	2	1																												
GENERAL INFORMATION: SHAFT RUNOUT: .001[.03] T.I.R. PER INCH LENGTH OF EXTENSION. END PLAY: .010[.25] TO .063[1.60] BEARINGS: SLEEVE MOUNTING POSITION: HORIZONTAL ELECTRICAL DATA: OVERLOAD PROTECTOR: AUTOMATIC RESET (T.I. 7AM 134) LEADS: NO. 18 GA., .03[.8] THK., 125°C INSUL. GROUND LEAD: NO. 18 GA., .03[.8] THK., GREEN INSUL.		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>REV</th> <th>ECO</th> <th>REV BY</th> <th>DATE</th> <th>APPD</th> <th>DATE</th> </tr> <tr> <td>C</td> <td>0025528</td> <td>E.SINECIO</td> <td>04-24-2012</td> <td>R.RASCON</td> <td>04-24-2012</td> </tr> </table>		REV	ECO	REV BY	DATE	APPD	DATE	C	0025528	E.SINECIO	04-24-2012	R.RASCON	04-24-2012																
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		<p>CCW ROT.</p> <p>22.00 [558.8]</p> <p>9.33 [237.0] 3.34 [84.8] 9.33 [237.0]</p> <p>4.08 [103.6]</p> <p>TOP OF STICKER WARNING. WHEN REQ'D.</p> <p>TOP OF NAMEPLATE</p> <p>7.90 [200.7] USABLE FLAT</p> <p>7.90 [200.7] USABLE FLAT</p> <p>3.50^{+0.00}_{-.06} [88.9⁺⁰_{-1.5}]</p> <p>2X BEARING MARKER</p> <p>2X LANCED OILERS</p> <p>2X .4998^{+0.000}_{-.0005} [12.695^{+0.000}_{-.013}]</p> <p>2X .453^{±.005} FLAT [11.51^{±.13}]</p> <p>LOCATE BASE HOLE MARKER ON THIS END.</p> <p>Ø4.88 [123.9]</p> <p>4.22 [107.2]</p> <p>1.69 [42.9] (1.83) [(46.5)]</p> <p>3.50 [88.9] 5.00 [127.0]</p> <p>.3[8] X 1.0[25.4] 4X SLOT</p>																													
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DR BY: J.RUPERT 02-13-1996 APPD: W.HEATH 03-01-1996 THRD ANGLE PROJECTION:		EDS DATE: 02-22-2008 FORMAT REV: C DESCRIPTION: MODEL-RFHP-42FR OUTLINE SIZE: C DWG NO: 11927-010 SCALE: NONE SHEET: 1																													
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<p>INFORMACION GENERAL:</p> <p>OSCILACION DE FLECHA: -</p> <p>JUEGO AXIAL: -</p> <p>BALEROS: -</p> <p>POSICION DEL MONTAJE: -</p> <p>INFORMACION ELECTRICA:</p> <p>PROTECTOR DE SOBRECARGA: -</p> <p>CABLES: -</p> <p>CABLE DE TIERRA: -</p>	<p>REVISION: ECO C 0025528</p> <p>REVISADO POR: E.SINECIO</p> <p>FECHA: 04-24-2012</p> <p>APROBADO POR: R.RASCON</p> <p>FECHA: 04-24-2012</p>																									
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<p>CARACTERISTICAS DE GEOMETRIA Y SIMBOLOS</p> <ul style="list-style-type: none"> □ PLANICIDAD — RECTITUD ∠ ANGULARIDAD ⊥ PERPENDICULARIDAD (A ESQUADRA) // PARALELISMO ○ REDONDEZ (CIRCULARIDAD) ⊘ CILINDRICIDAD ⊖ PERFIL DE CUALQUIER SUPERFICIE ⊖ PERFIL DE CUALQUIER LINEA ↑ VARIACION ⊕ POSICION REAL ⊙ CONCENRICIDAD ≡ SIMETRIA <p style="text-align: right;">ASME Y14.5M 1994</p>	<p>REGAL-BELOIT CORPORATION (RBC) PROVEE ASISTENCIA TECNICA A NUESTROS CLIENTES EN VARIAS AREAS. DESDE QUE RBC NO RECIBE TODOS LOS DATOS EN RELACION AL USO Y A LA APLICACION DEL MOTOR, LA APLICACION ADECUADA DEL MOTOR DEBE SER DETERMINADA POR EL CLIENTE.</p> <p>DIMENSIONES SIN TOLERANCIA SON DE REFERENCIA SOLAMENTE</p>	<p>DIBUJADO POR: J.RUPERT 02-13-1996</p> <p>APROBADO POR: W.HEATH 03-01-1996</p> <p>TERCER ANGULO DE PROYECCION</p> <p>FECHA EDS: 02-22-2008 REV. FORMATO: G</p> <p>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.</p>	<p>DESCRIPCION: MODEL-RFHP-42FR OUTLINE</p> <p>TAMAÑO: C NUMERO DE DIBUJO: 11927-010</p> <p>ESCALA: NONE</p> <p>HOJA: 1</p>																							

4
3
2
1

版本	ECO	编制	日期	批准	日期
C	0025528	E.SINECIO	04-24-2012	R.RASCON	04-24-2012

总技术要求: _____

轴跳动: _____

端部窜动量 _____

轴承: _____

安装位置: _____

电气数据: _____

过载保护: _____

引线: _____

接地线: _____

铭牌数据		外部数据线			
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		BLU	MED		
		BLK	HI		
		PUR	LINE		
		BRN			
		BRN			
		性能曲线编号		转矩在 @ --- RPM (25° C)	批准样品
		670330	8.0 OZ. FT.	PSC 7530	
		UL部件		CSA	
		文件号	指南	文件号	指南
E46412	PRGY2	LR43341	4211-01		
颜色	长度	端子或剥线长度			
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引线数据					
无引线端机壳					
无引线端端盖					
有引线端机壳					
有引线端端盖					
密封性		用户	DISTRIBUTION SERVICE		

4
3
2
1

- 形位公差
- 平面度
- 直线度
- ∠ 倾斜度
- ⊥ 垂直度
- ∥ 平行度
- 圆度
- ⊘ 圆跳动
- ⊙ 面轮廓度
- ⊖ 线轮廓度
- ⊕ 圆跳动
- ⊖ 位置度
- ⊕ 同轴度
- ⊖ 对称度

ASME Y14.5M 1994

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未注公差尺寸仅供参考。

绘图:	J.RUPERT	02-13-1996
批准:	W.HEATH	03-01-1996
第三角投影		图版格式发布日期 02-22-2008 图版格式版本 C
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REGAL-BELOIT CORPORATION

名称: MODEL-RFHP-42FR OUTLINE

图幅: C 图号: 11927-010

比例: NONE 页号: 1