

PRODUCT INFORMATION PACKET



Model No: OYK1006

Catalog No: OYK1006

OEM Replacement Motor, 1/8 HP, 1 Ph, 60 Hz, 208-230 V, 1075 RPM, 1 Speed, 48 Frame, ENCLOSED



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Nameplate Specifications

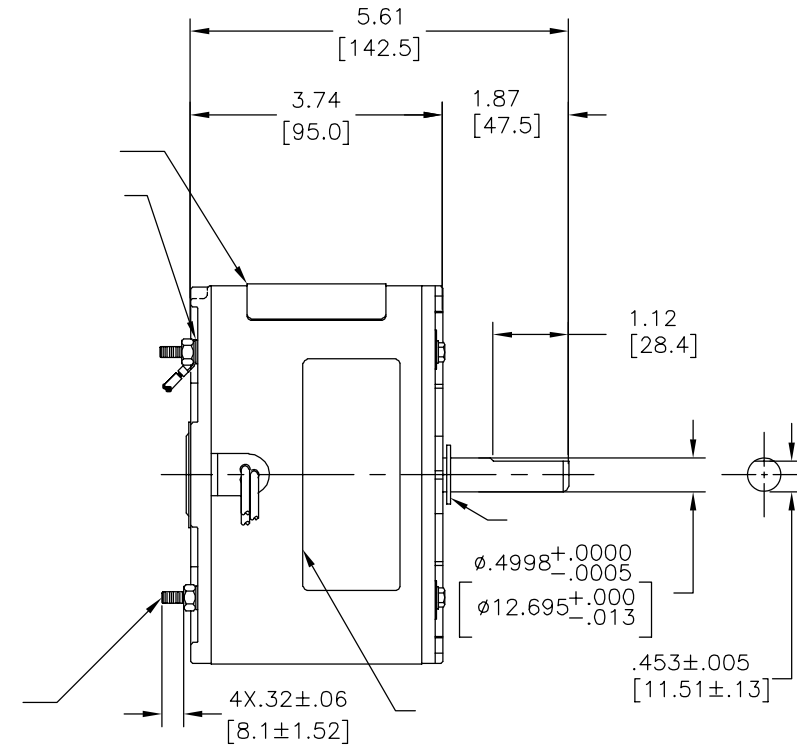
Output HP	1/8 Hp	Output KW	0.10 kW
Frequency	60 Hz	Voltage	208-230 V
Current	0.8 A	Speed	1075 rpm
Service Factor	1	Phase	1
Duty	Air Over	Insulation Class	B
Frame	48Y	Enclosure	Totally Enclosed
Thermal Protection	Automatic	Ambient Temperature	40 °C
UL	Recognized	CSA	Y
CE	N	Number of Speeds	1

Technical Specifications

Electrical Type	Permanent Split Capacitor	Starting Method	Across The Line
Poles	6	Rotation	Clockwise Lead End
Mounting	Extended Studs	Motor Orientation	Vertical Shaft Down
Drive End Bearing	Sleeve	Opp Drive End Bearing	Sleeve
Frame Material	Rolled Steel	Shaft Type	Flat
Overall Length	5.93 in	Frame Length	3.13 in
Shaft Diameter	0.500 in	Shaft Extension	1.9 in
Connection Drawing	614131-030	Outline Drawing	11779-026-S01

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GENERAL INFORMATION: SHAFT RUNOUT: .001[.03] T.I.R. PER INCH LENGTH OF EXTENSION. END PLAY: .010 TO .063 [.25 TO 16.0] BEARINGS: SLEEVE MOUNTING POSITION: VERTICAL SHAFT-DOWN ELECTRICAL DATA: OVERLOAD PROTECTOR: AUTOMATIC RESET (T.I. 7AM 036) LEADS: NO. 18 GA., .06[1.5] THK., PVC 105°C INSUL. GROUND LEAD: NO. 18 GA., .03[.8] THK., (GREEN) INSUL. NOTES: 1. DISTRIBUTION: CUST. P/N: OYK1006 GRAINGER: CUST. P/N: 4UY49				REV ECO REV BY DATE APPD DATE C 0025558 O. CARVAJAL 05-03-2012 M. AVILA 05-03-2012					
NAMEPLATE DATA: MODEL: F48M21A01 CUST. P/N: [] HP: 1/8 ROT: CWLE RPM: 1075 TYPE: UF FRAME: 48Y VOLTS: 208-230 PH: 1 AMPS: 0.8 HZ: 60 INS: B AMB: 40°C DUTY: AIR OVER CODE: - CAP.: 4 MFD/370V ENCL: ENCLOSED UL LOGO CSA LOGO THERMALLY PROTECTED				EXTERNAL CONNECTION DIAGRAM BROWN PURPLE BLACK SEP. CAP. LINE					
PERFORMANCE CURVE NO. C31722		TORQUE @ 1075 RPM (25°C) 9.7 OZ. FT.		APPROVED SAMPLE 98AC370A		UL COMPONENT FILE # E46412 PRGY2 LR43341		CSA FILE # 260-0-0	
GEOMETRIC CHARACTERISTICS & SYMBOLS		REGAL-BELOIT CORPORATION (RBC) PROVIDES TECHNICAL ASSISTANCE TO OUR CUSTOMERS IN SEVERAL AREAS. SINCE RBC DOES NOT RECEIVE ALL DATA CONCERNING THE USE AND APPLICATION OF THE MOTOR, THE SUITABILITY OF THE MOTOR FOR THE APPLICATION MUST BE DETERMINED BY THE CUSTOMER.		DR BY: W. HEATH		10-26-1998		DESCRIPTION	
				APPD: T. RILEY		10-28-1998			
ASME Y14.5M 1994		DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.		THIRD ANGLE PROJECTION		EDS DATE 11-11-2011		MODEL-RFHP-48FR	
						FORMAT REV G		OUTLINE	
				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	



A diagram showing a cross-section of a laminate with three layers: BROWN (top), PURPLE (middle), and BLACK (bottom). A circular separator cap (SEP. CAP.) is positioned between the brown and purple layers. A vertical line (LINE) is shown below the purple layer, indicating a separation or interface.

614131-030

	49/51[1245/1295]	
	56/58[1422/1473]	.25[6.4]
	56/58[1422/1473]	.25[6.4]
	58/60[1473/1524]	.25[6.4]

DISTRIBUTION
SERVICES

CARACTERÍSTICAS 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
	SIMETRÍA

ASME Y14.5M 1994

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DIMENSIONES SIN TOLERANCIA SON
DE REFERENCIA SOLAMENTE

DIBUJADO POR: W. HEATH	10-26-1998
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S. APROBADO POR: T. RILEY	10-28-1998
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A		FECHA EDS: 11-11-2011
		REV. FORMATO: G

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DESCRIPCION:	
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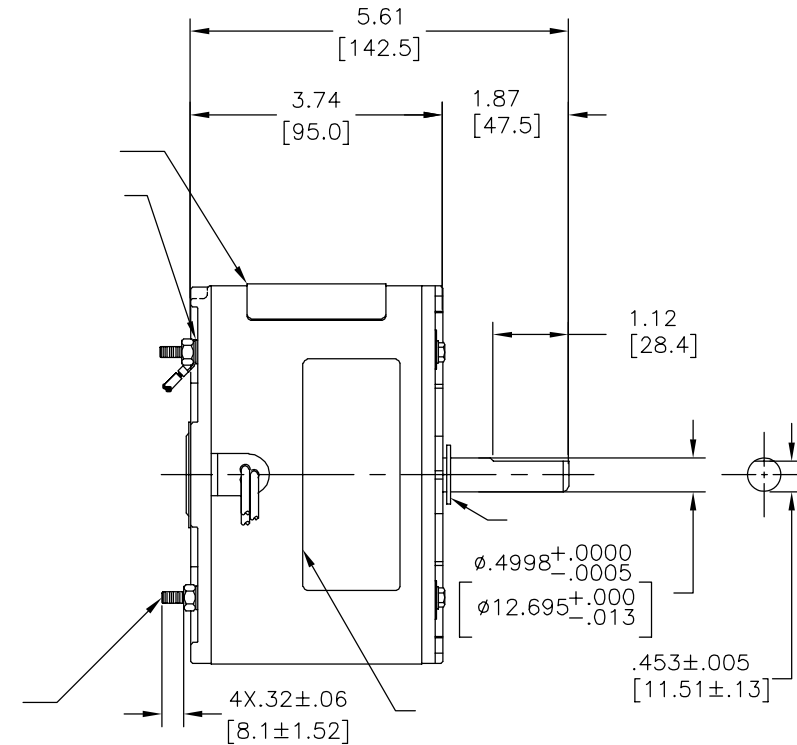
MODEL-RFHP-48FR OUTLINE

DE TAMAÑO:	
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NUMERO DE DIBUJO:	11779-026
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ESCALA:NONE

HOJA:	1
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A diagram showing a cross-section of a cable. It consists of a central conductor labeled 'BROWN'. This conductor is surrounded by a layer labeled 'PURPLE'. The entire assembly is enclosed in a black outer jacket labeled 'BLACK'. A vertical line with arrows at both ends is labeled 'LINE'. A label 'SEP. CAP.' points to the boundary between the brown conductor and the purple insulation layer.

614131-030

	49/51[1245/1295]	
	56/58[1422/1473]	.25[6.4]
	56/58[1422/1473]	.25[6.4]
	58/60[1473/1524]	.25[6.4]

DISTRIBUTION
SERVICES

形位公差	□ 平面度	度
— 直线度		
∠ 倾斜度		
⊥ 垂直度		
// 平行度		
○ 圆度		
⌀ 圆柱度		
△ 轮廓度		
↗ 轮廓度		
↗ 跳动度		
⊕ 位置度		
⊗ 同轴度		
≡ 对称度		

ASME Y14.5M 1994

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提供技术支持。鉴于RBC
未收到任何涉及电机使用和
应用环境的数据，电机的适用性
由客户自己决定。

未注公差尺寸仅供参考。

绘图:	W. HEATH	10-26-1998
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批准:	T. RILEY	10-28-1998
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第三角投影		图纸格式发布日期 11-11-2011
		图纸格式版本 G

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REGAL-BELOIT CORPORATION

名称	
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MODEL-RFHP-48FR OUTLINE

图幅	
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C	图号	11779-026
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比例	NONE
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REV	ECO	REV BY	DATE	APPD	DATE
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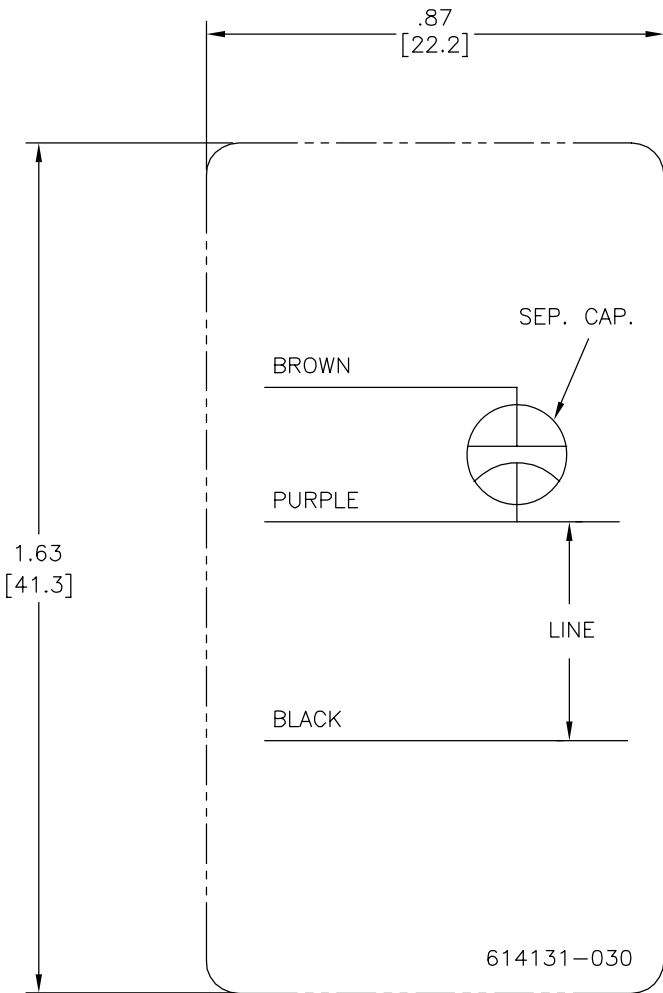
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NOTES:

1. FOR USE WITH 614129 OR 2513020-001 NAMEPLATE BLANKS;
2. — — — — — INDICATES DIMENSION LIMITS

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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	UNLESS OTHERWISE SPECIFIED 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]	DR BY: YL	04-08-2011	ELECTRICAL PRODUCTS COMPANY Innovation has a name. A DIVISION OF A. O. SMITH CORPORATION DESCRIPTION CONN DIAGRAM-NAMEPLATE SIZE C DWG NO 614131-030 SCALE NONE SHEET 1
		APPD: CZ	04-08-2011	
		THIRD ANGLE PROJECTION 	EDS DATE 02-22-2008 FORMAT REV F	
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