

PRODUCT INFORMATION PACKET



Model No: RAL1016

Catalog No: RAL1016

1/6 HP Fan Coil / Room Air Conditioner Motor, 1075 RPM, 3 Speed, 115 Volts, 48 Frame, Semi Enclosed
Fan Coil / Room Air Conditioner Motors



Regal and Century are trademarks of Regal Beloit Corporation or one of its affiliated companies.
©2020 Regal Beloit Corporation, All Rights Reserved. MC017097E

REGAL



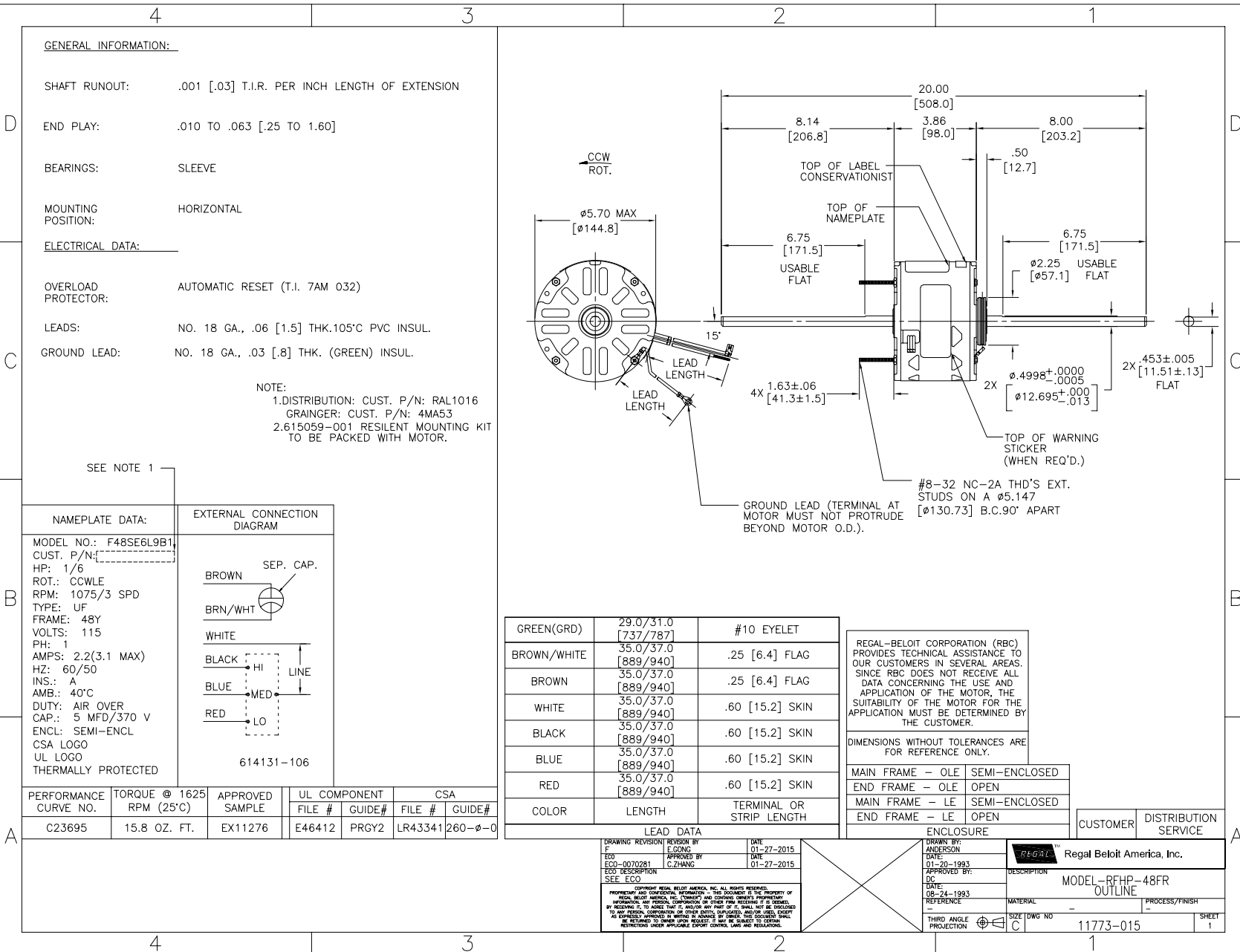
Nameplate Specifications

Output HP	1/6 Hp	Output KW	0.13 kW
Frequency	60 Hz	Voltage	115 V
Current	2.2 A	Speed	1075 rpm
Service Factor	1	Phase	1
Duty	Air Over	Insulation Class	A
Frame	48Y	Enclosure	Semi Enclosed
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 Ring/Extended Studs	Motor Orientation	Horizontal
Drive End Bearing	Sleeve	Opp Drive End Bearing	Sleeve
Frame Material	Rolled Steel	Shaft Type	Flat
Overall Length	20.00 in	Frame Length	3.25 in
Shaft Diameter	0.500 in	Shaft Extension	8.1X.5X8.0 in
Outline Drawing	11773-015-S01	Connection Drawing	614131-106

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:22/09/2020



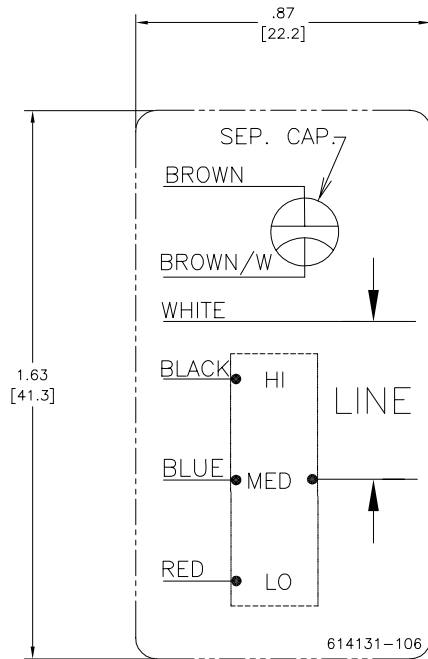
4

3

2

1

REV	ECO	REV BY	DATE	APPD	DATE
C	0019808	PZ	04-12-2011	Tiger.Wang	04-12-2011



NOTES:

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

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:	
INCH	±.1 .XX .XXX .XXXX
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:	PZ	04-12-2011
APPD:	Tiger.Wang	04-12-2011
THIRD ANGLE PROJECTION		EDS DATE 02-22-2011 FORMAT REV F
CONFIDENTIAL: THIS DRAWING AND ITS INFORMATION ARE THE EXCLUSIVE AND CONFIDENTIAL PROPERTY OF A.O. SMITH CORP. AND ARE NOT TO BE DISCLOSED, DUPLICATED, DISTRIBUTED OR OTHERWISE USED WITHOUT THE WRITTEN CONSENT OF A.O. SMITH CORP. -ALL RIGHTS RESERVED. ASME Y14.5M 1994		

	ELECTRICAL PRODUCTS COMPANY A DIVISION OF A.O. SMITH CORPORATION
DESCRIPTION CONN DIAGRAM-NAMEPLATE	
SIZE C	DWG NO 614131-106
SCALE NONE	SHEET 1

4

3

2

1

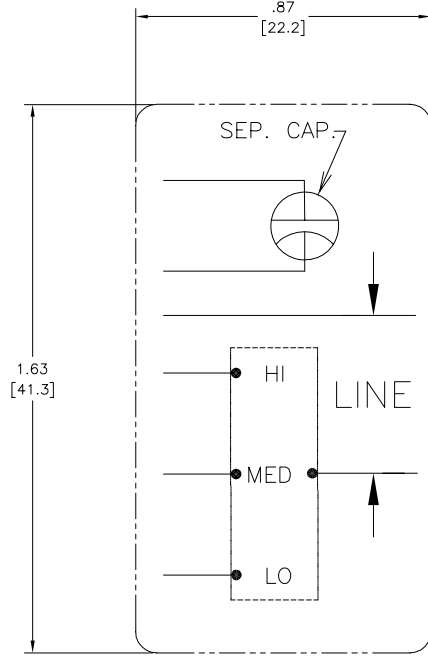
4

3

2

1

REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
C	0019808	PZ	04-12-2011	Tiger.Wang	04-12-2011



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 DIMS METRICAS MOSTRADAS [PARENTESIS]	DIBUJADO POR: PZ	04-12-2011	ELECTRICAL PRODUCTS COMPANY A DIVISION OF A.O. SMITH CORPORATION
		APROBADO POR: Tiger.Wang	04-12-2011	
		CONFIDENCIAL: ESTE DIBUJO Y SU INFORMACION SON PROPIEDAD DE USO EXCLUSIVO Y CONFIDENCIAL DE A.O.SMITH CORP. Y NO DEBERAN SER REVELADOS, DUPLICADOS, DISTRIBUIDOS O USARSE DE OTRA MANERA SIN EL CONSENTIMIENTO ESCRITO DE A.O. SMITH CORP. -TODOS LOS DERECHOS RESERVADOS.ASME Y14.5M 1994		TAMANO: C NUMERO DE DIBUJO: 614131-106
		ESCALA: NONE		HOJA: 1

4

3

2

1

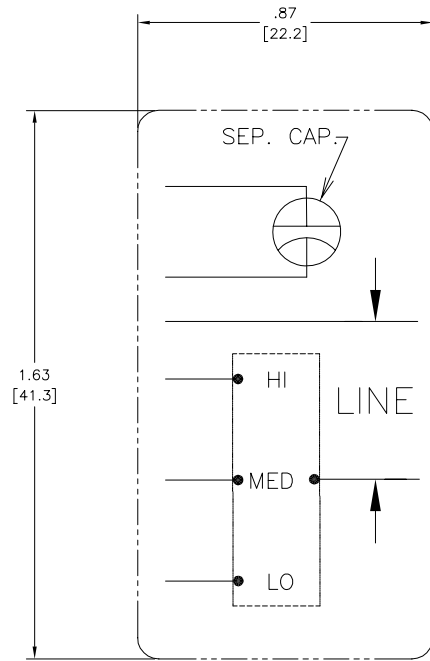
4

3

2

1

版本	ECO	编制	日期	批准	日期
C	0019808	PZ	04-12-2011	Tiger.Wang	04-12-2011



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	除另有注明 尺寸公差如下: 英寸 X XX XXX XXXX 毫米 ±.1 ±.02 ±.005 ±.0005 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: PZ 04-12-2011 批准: Tiger.Wang 04-12-2011 第三角投影 图框格式发布日期 02-22-2011 图框格式版本 F 机密: 本图纸及相关信息所有权归A. O. SMITH公司所有。 未经A. O. SMITH公司书面授权, 不得泄露、复制、传播或作 其他用途。—版权所有 ASME Y14.5M 1994	AC Smith Innovation has a name. ELECTRICAL PRODUCTS COMPANY A DIVISION OF A. O. SMITH CORPORATION
	名称 图幅 C 图号 614131-106 比例 NONE 页号 1		

4

3

2

1