

PRODUCT INFORMATION PACKET



Model No: DL1036
Catalog No: DL1036
1/3 HP Fan & Blower Motor, 1075 RPM, 3 Speed, 115 Volts, 48 Frame, OAO
Direct Drive Motors



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





Nameplate Specifications

Output HP	1/3 Hp	Output KW	0.25 kW
Frequency	60 Hz	Voltage	115 V
Current	5.4 A	Speed	1075 rpm
Service Factor	1	Phase	1
Duty	Air Over	Insulation Class	B
Frame	48	Enclosure	Open 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	Reversible
Mounting	Resilient Rings	Motor Orientation	Horizontal
Drive End Bearing	Sleeve	Opp Drive End Bearing	Sleeve
Frame Material	Rolled Steel	Shaft Type	Flat
Overall Length	9.49 in	Frame Length	3.88 in
Shaft Diameter	0.500 in	Shaft Extension	4.5 in
Outline Drawing	DL1036-S01	Connection Drawing	614131-151

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

GENERAL INFORMATION:

SHAFT RUNOUT: .001[.025] T.I.R. PER INCH LENGTH OF EXTENSION

END PLAY: .010 TO .063[.254 TO 1.600]

BEARINGS: SLEEVE

MOUNTING POSITION: HORIZONTAL

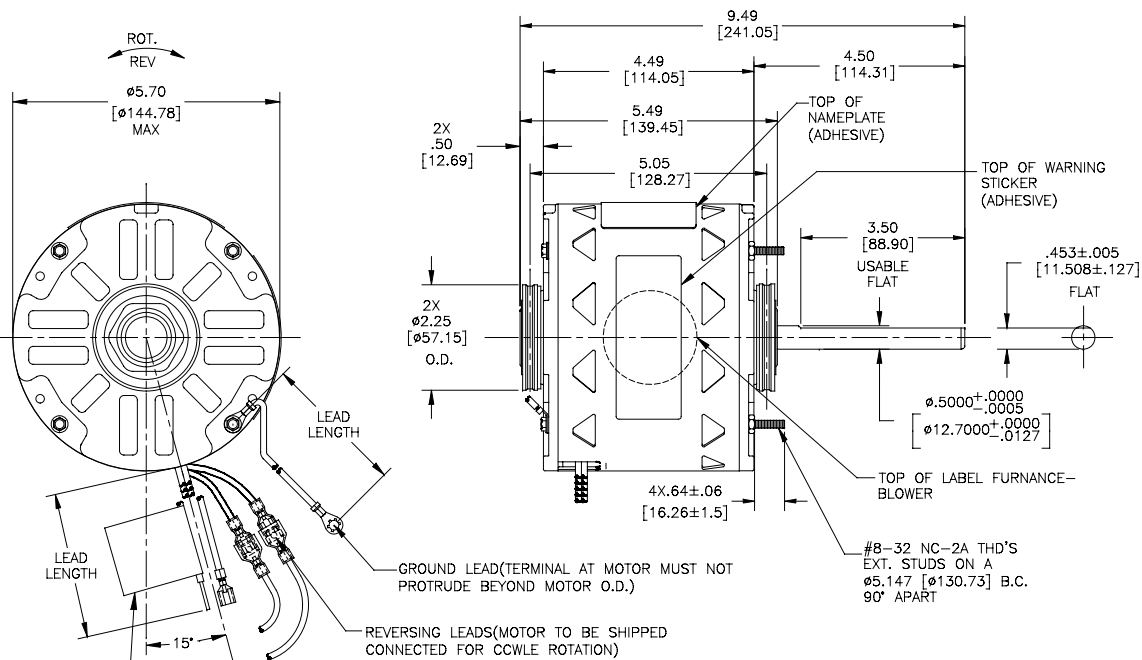
ELECTRICAL DATA:

OVERLOAD PROTECTOR: AUTOMATIC RESET (SENSATA 7AM 036)

LEADS: NO. 18 GA., .03[.76] THK.,125°C INSUL.

REVERSING LEADS: NO. 18 GA., .03[.76] THK.,125°C INSUL.

GROUND LEAD: NO. 18 GA., .03[.76] THK.,(GREEN)INSUL.



SEE NOTES 2

LEAD DATA		
COLOR	LENGTH	TERMINAL OR STRIP LENGTH
RED	25.0/27.0 [635/686]	.60[15.24] SKIN
BLUE	25.0/27.0 [635/686]	.60[15.24] SKIN
BLACK	25.0/27.0 [635/686]	.60[15.24] SKIN
WHITE	25.0/27.0 [635/686]	.60[15.24] SKIN
BROWN/WHITE	25.0/27.0 [635/686]	.25[6.35] FEMALE SPADE
BROWN	25.0/27.0 [635/686]	.25[6.35] FEMALE SPADE
BROWN (REV)	4.0/6.0 [102/152]	.25[6.35] PRE-INSUL. FEMALE SPADE
ORANGE(REV)	4.0/6.0 [102/152]	.25[6.35] PRE-INSUL. MALE TAB
PURPLE(REV)	4.0/6.0 [102/152]	.25[6.35] PRE-INSUL. FEMALE SPADE
WHITE (REV)	4.0/6.0 [102/152]	.25[6.35] PRE-INSUL. MALE TAB
GREEN (GRD)	9.0/11.0 [229/279]	10# EYELET

- NOTES:
1. SPLIT RING ADAPTOR 615035 (4 REQUIRED) TO BE PACKED WITH EACH MOTOR.
 2. ATTACH WARNING/CONNECTION LABEL TO COMMON (WHITE) LEAD APPROX. 2.0[51] FROM MOTOR (ADHESIVE)

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.

DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.

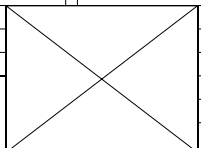
ENCLOSURE	
END FRAME - LE	OPEN
MAIN FRAME - LE	OPEN
END FRAME - OLE	OPEN
MAIN FRAME - OLE	OPEN

CUSTOMER	DISTRIBUTION SERVICES
----------	-----------------------

NAMEPLATE DATA:	EXTERNAL CONNECTION DIAGRAM
MODEL NO.: F48H07A01 CUST. P/N: DL1036 HP: 1/3 ROT.: REVERSIBLE RPM: 1075/3 SPD TYPE: UF FRAME: 48 VOLTS: 115 PH: 1 AMPS: 5.4 HZ: 60 INS.: B AMB.: 40° C DUTY: AIR OVER CAP.: 7.5 MFD/370V ENCL: OPEN UL LOGO CSA LOGO THERMALLY PROTECTED	<p>Diagram showing lead connections: BROWN (SEP. CAP.), BROWN/W, WHITE, BLACK (HI), BLUE (MED), RED (LO), PURPLE (ROTATION), WHITE, ORANGE, CCWLE, ORANGE, CWLE, WHITE.</p>

PERFORMANCE CURVE NO.	TORQUE @1075 RPM (25°C)	APPROVED SAMPLE	UL COMPONENT		CSA	
			FILE #	CCN #	FILE #	CLASS #
C31363	39.5 OZ. FT.	96AC226B	E46412	PRGY2	LR43341	4211-01

DRAWING REVISION BY: J.ZHU	DATE: 09-13-2015
ECO: 0084773	DATE: 09-13-2015
ECO DESCRIPTION: SEE ECO	



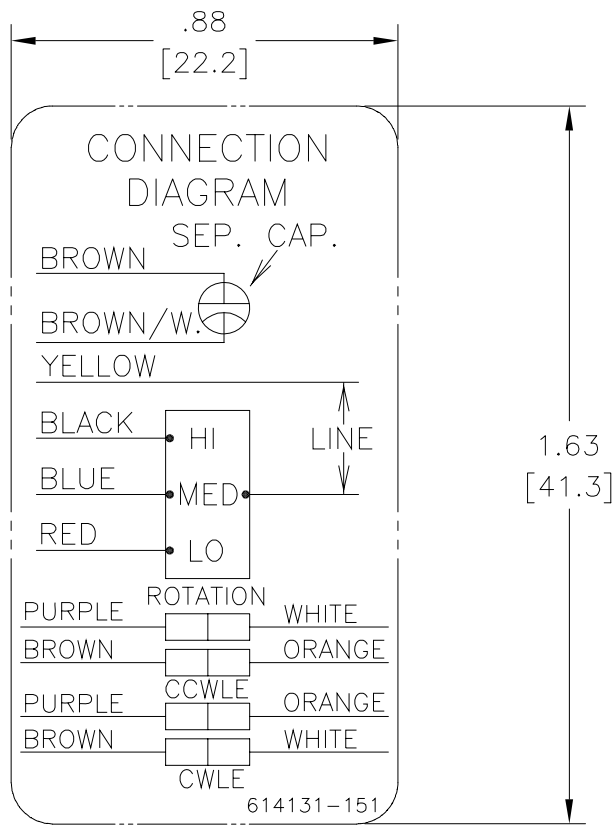
DRAWN BY: HEATH	DATE: 08-05-1996	APPROVED BY: TPR	DATE: 08-07-1996	PROCESS/FINISH: -	THIRD ANGLE PROJECTION
			MODEL-RFHP-48FR OUTLINE		
SIZE: C		DWG NO: DL1036		SHEET: 1	

Uncontrolled Copy

REV	ECO	REV BY	DATE	APPD	DATE
C	0016999	A. NAJERA	03-17-2011	M. ARGUELLES	03-17-2011

NOTES:

1. FOR USE WITH 614129 NAMEPLATE BLANK
2. — — — — — INDICATES DIMENSIONAL LIMITS.
3. DIE TO BE MADE FROM MASTER SUPPLIED BY A.O. SMITH CORP.
4. DIE MUST PRODUCE A LEGIBLE IMPRESSION.



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]

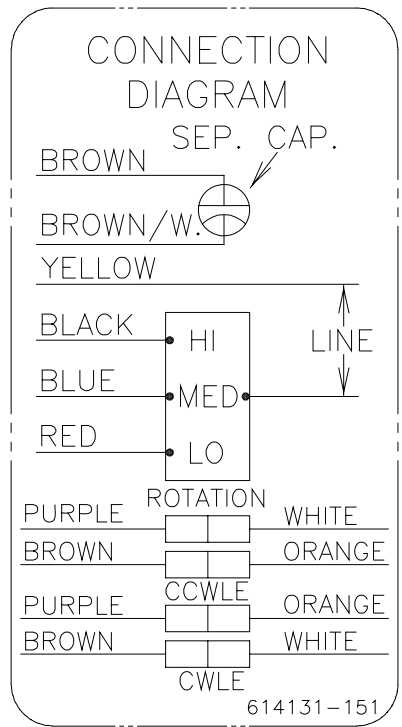
DR BY:	JMW	09-29-89
APPD:		
THIRD ANGLE PROJECTION		EDS DATE 02-22-2008 FORMAT REV F
CONFIDENTIAL: THIS DRAWING AND ITS INFORMATION ARE THE EXCLUSIVE AND CONFIDENTIAL PROPERTY OF A.O. SMITH CORP. AND ARE NOT TO BE DISCLOSED, DUPLICATED, DISTRIBUTED OR OTHERWISE USED WITHOUT THE WRITTEN CONSENT OF A.O. SMITH CORP. -ALL RIGHTS RESERVED. ASME Y14.5M 1994		

		ELECTRICAL PRODUCTS COMPANY <small>A DIVISION OF A. O. SMITH CORPORATION</small>
DESCRIPTION		
CONN DIAGRAM NAMEPLATE		
SIZE	DWG NO	
A	614131-151	
SCALE	NONE	SHEET 1

REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
C	0016999	A. NAJERA	03-17-2011	M. ARGUELLES	03-17-2011

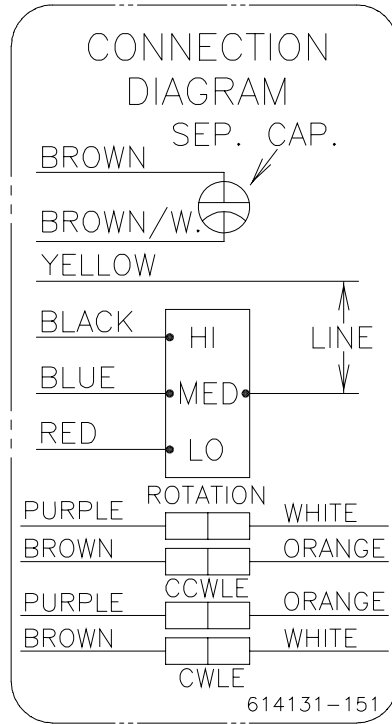
NOTAS:

1. PARA USAR CON LA PLACA DE DATOS BLANCA 614129
2. — — — — INDICA LOS LIMITES DIMENSIONALES.
3. EL DADO ES HECHO A PARTIR DEL ABASTECIMIENTO MAESTRO POR A.O. SMITH CORP.
4. EL DADO TIENE QUE SER FABRICADO CON UNA IMPRESION LEGIBLE.



CARACTERISTICAS DE GEOMETRIA Y SIMBOLOS Z PLANICIDAD — RECTITUD ∠ ANGULARIDAD ⊥ PERPENDICULARIDAD (A ESCUADRA) // 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: JMW 09-29-89	<p>ELECTRICAL PRODUCTS COMPANY A DIVISION OF A. O. SMITH CORPORATION</p>	
	APROBADO POR:	FECHA EDS: 02-22-2008 REV. FORMATO: F		DESCRIPCION: CONN DIAGRAM NAMEPLATE
	TERCER ANGULO DE PROYECCION	TAMAÑO: A NUMERO DE DIBUJO: 614131-151		ESCALA: NONE HOJA: 1
	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			

版本	ECO	编制	日期	批准	日期
C	0016999	A. NAJERA	03-17-2011	M. ARGUELLES	03-17-2011



- 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

除另有注明
尺寸公差如下:

英寸 X XX XXX XXXX
 毫米 ±.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
 英寸 125 米制 3.2

米制尺寸显示在 []

绘图:	JMW	09-29-89
批准:		
第三角投影		图纸格式发布日期 02-22-2008 图纸格式版本 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。一版权所有		
ASME Y14.5M 1994		

ELECTRICAL PRODUCTS COMPANY <small>A DIVISION OF A. O. SMITH CORPORATION</small>	
名称 CONN DIAGRAM NAMEPLATE	
图幅 A	图号 614131-151
比例 NONE	页号 1