

# PRODUCT INFORMATION PACKET



Model No: EC1054AV1

Catalog No: EC1054AV1

General Purpose Motor, 1/2 HP, 1 Ph, 60 Hz, 115/230 V, 1800 RPM, 56C Frame, TEFC



Regal and Century are trademarks of Regal Rexnord Corporation or one of its affiliated companies.

©2023 Regal Rexnord Corporation, All Rights Reserved. MC017097E





**Nameplate Specifications**

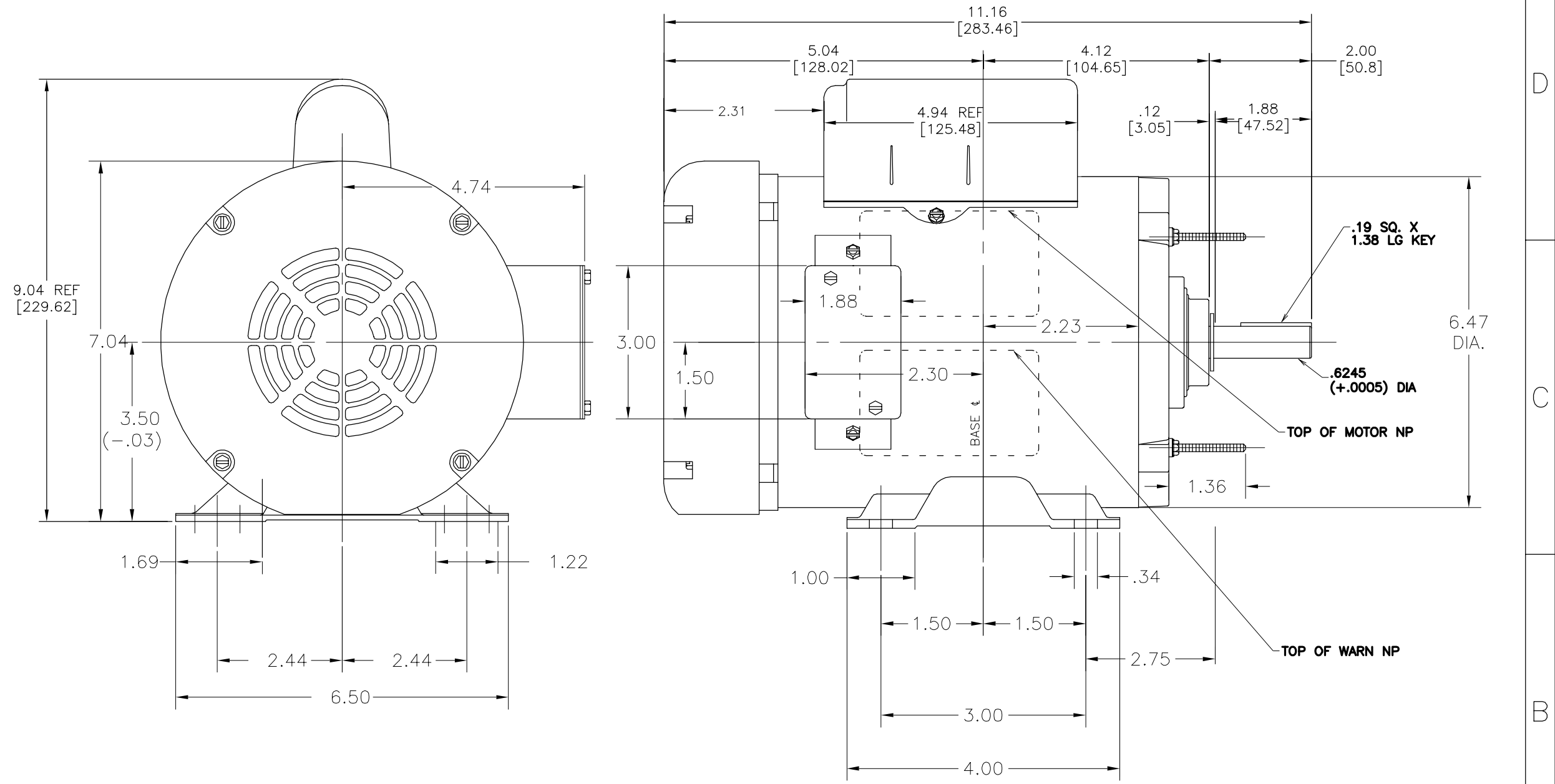
Output HP	1/2 Hp	Output KW	0.37 kW
Frequency	60 Hz	Voltage	115/230 V
Current	6.7/3.35 A	Speed	1725 rpm
Service Factor	1.15	Phase	1
Duty	Continuous	Insulation Class	B
Frame	56C	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Automatic	Ambient Temperature	40 °C
UL	No	CSA	Y
CE	N	Number of Speeds	1

**Technical Specifications**

Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Mounting	Round	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Keyed	Overall Length	11.16 in
Frame Length	5.69 in	Shaft Diameter	0.625 in
Shaft Extension	1.88 in		
Connection Drawing	165A816F01	Outline Drawing	EC1054AV1-S01

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:01/06/2023

REV	ECO	REV BY	DATE	APPD	DATE
A	0008684	SBOWLING	08-20-2009	TCOLOMA	08-20-2009



**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 X 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

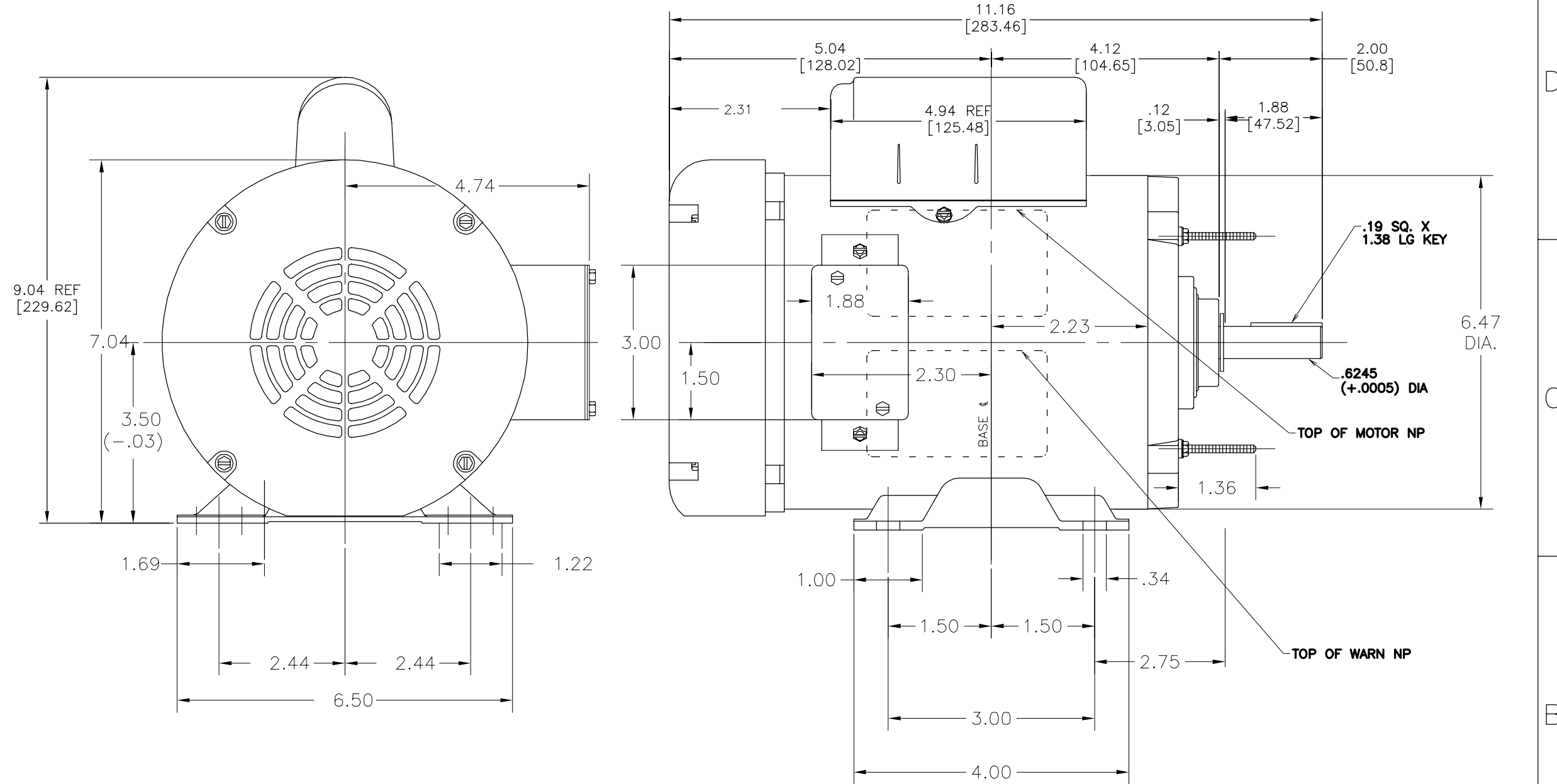
MACHINE SURFACES:  
INCH 125 mm 3.2

METRIC DIMS. SHOWN IN [BRACKETS]

DR BY:	SBOWLING	08-20-2009
APPD:	TCOLOMA	08-20-2009
THIRD ANGLE PROJECTION		EDS DATE 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		

<b>ACSmith</b> Innovation has a name.		<b>ELECTRICAL PRODUCTS COMPANY</b> A DIVISION OF A. O. SMITH CORPORATION	
DESCRIPTION OUTLINE			
SIZE C	DWG NO EC1054AV1	SHEET 1	
SCALE NONE			

REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
A	0008684	SBOWLING	08-20-2009	TCOLOMA	08-20-2009



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

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

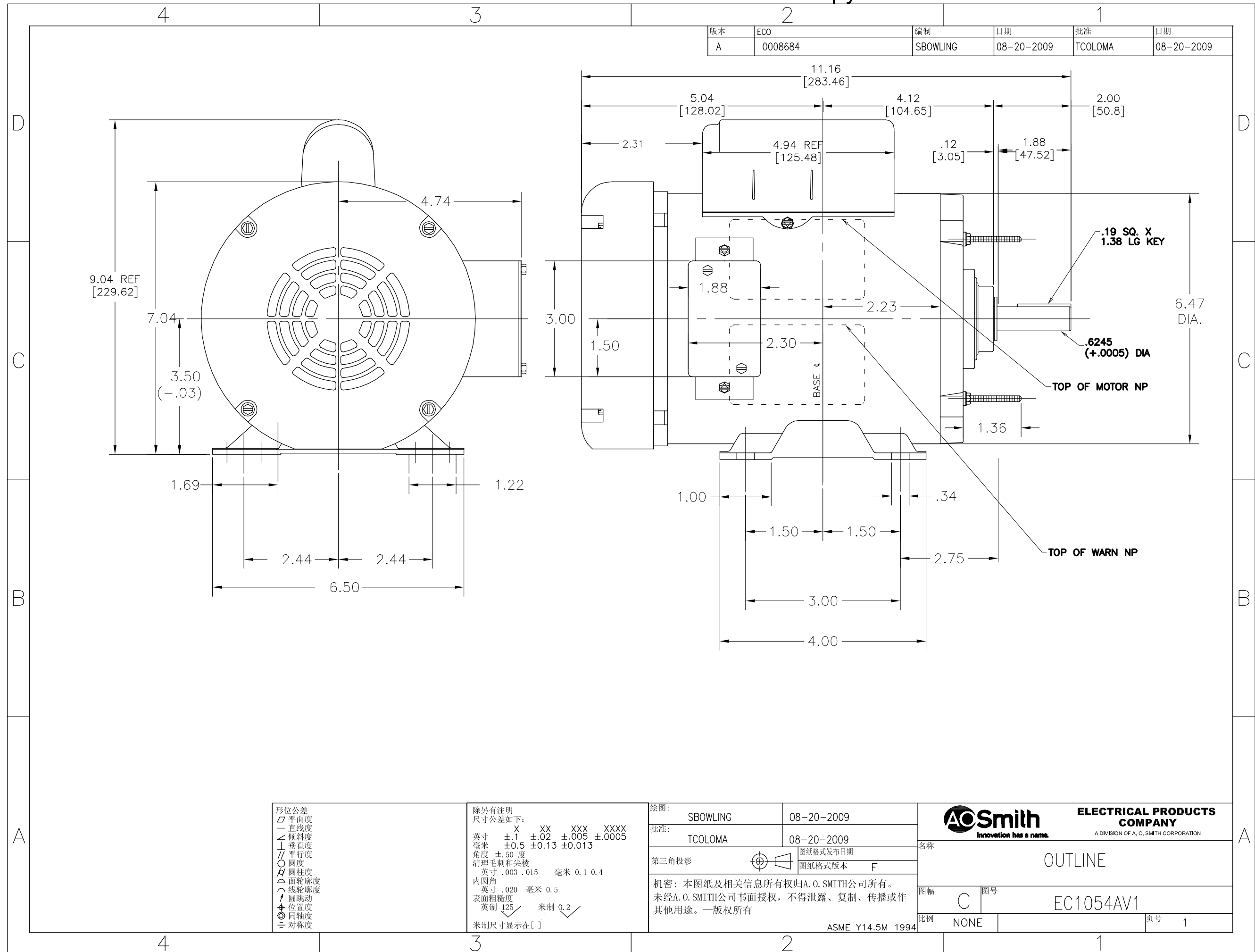
MAQUINAR SUPERFICIES

PULG 125 mm 3.2

DIMS METRICAS MOSTRADAS [PARENTESIS]

DIBUJADO POR:	SBOWLING	08-20-2009
APROBADO POR:	TCOLOMA	08-20-2009
TERCER ANGULO DE PROYECCION	⊕	FECHA EDS:
		REV. FORMATO: F
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		

<b>ELECTRICAL PRODUCTS COMPANY</b> <small>A DIVISION OF A. O. SMITH CORPORATION</small>	
DESCRIPCION: <b>OUTLINE</b>	
TAMAÑO: <b>C</b>	NUMERO DE DIBUJO: <b>EC1054AV1</b>
ESCALA: NONE	HOJA: 1



版本	ECO	编制	日期	批准	日期
A	0008684	SBOWLING	08-20-2009	TCOLOMA	08-20-2009

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 英制 125 米制 3.2 米制尺寸显示在 [ ]
---	---

绘图:	SBOWLING	08-20-2009
批准:	TCOLOMA	08-20-2009
第三角投影	图纸格式发布日期 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。—版权所有		
ASME Y14.5M 1994		

AC Smith Innovation has a name.		ELECTRICAL PRODUCTS COMPANY <small>A DIVISION OF A. O. SMITH CORPORATION</small>	
名称			
OUTLINE			
图幅	C	图号	EC1054AV1
比例	NONE	页号	1