

PRODUCT INFORMATION PACKET



Model No: F684
Catalog No: F684
1/3-.07 HP 2 speed Direct Drive Fan Motor, 1 phase, 1800/900 RPM, 115 V, 56Y Frame, TEAO
Direct Drive Fan Motors



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Nameplate Specifications

Output HP	1/3-.07 Hp	Output KW	0.25 kW
Frequency	60 Hz	Voltage	115 V
Current	5.5/3.1 A	Speed	1725/850 rpm
Service Factor	1	Phase	1
Duty	Continuous	Insulation Class	B
Frame	J56Y	Enclosure	Totally Enclosed Air Over
Thermal Protection	Thermally Protected	Ambient Temperature	55 °C
UL	Recognized	CSA	Y
CE	N	Number of Speeds	2-2-VT

Technical Specifications

Electrical Type	Split Phase, Induction Run, Multi-Speed	Starting Method	Across The Line
Poles	4/ 8	Rotation	Reversible Counterclockwise
Mounting	Round	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Keyed	Overall Length	11.12 in
Frame Length	5.13 in	Shaft Diameter	0.498 in
Shaft Extension	2.00 in		
Connection Drawing	17050311.PCX	Outline Drawing	F684-S01

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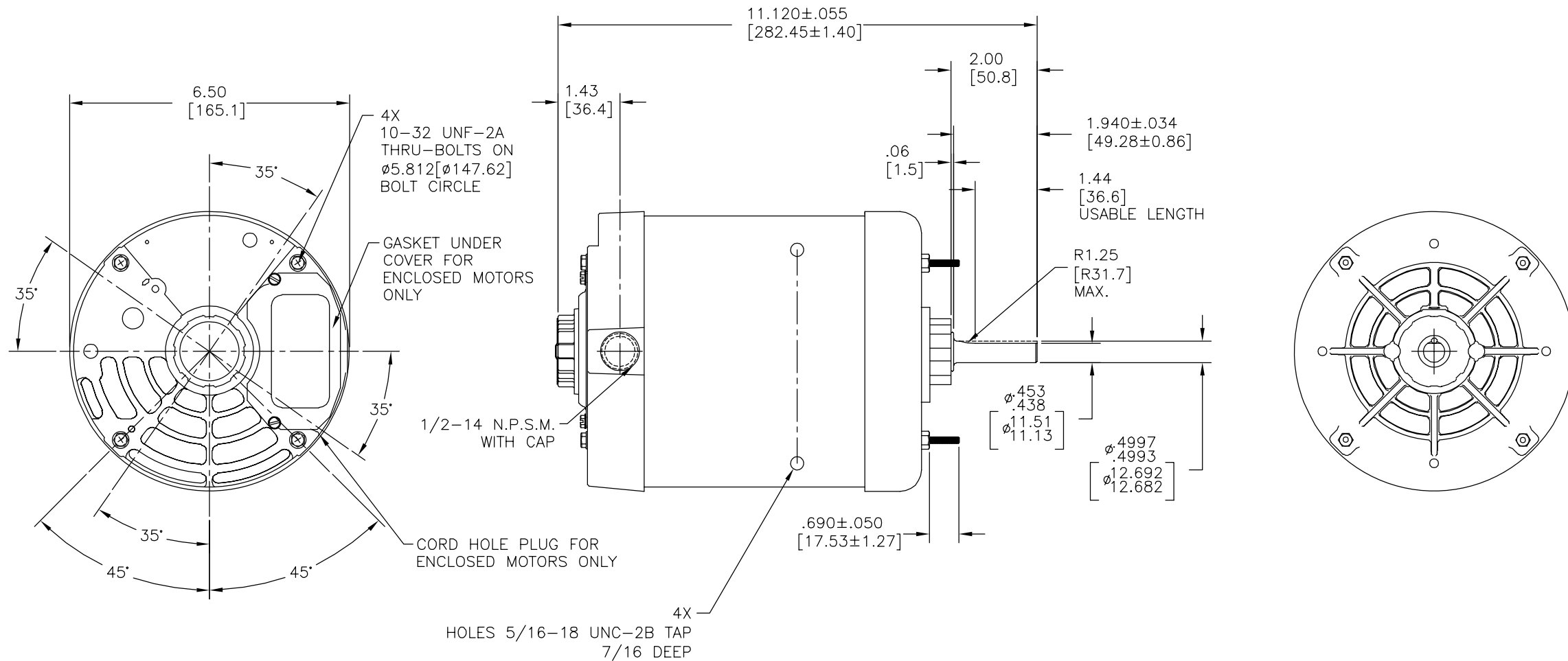
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TYPE	FRAME
SP	J56Z

REV	ECO	REV BY	DATE	APPD	DATE
B	0025377	H.ZHANG	04-16-2012	B.SHEN	04-16-2012

ALL DIMENSIONS SHOWN IN PARENTHESIS ARE REFERENCE DIMENSIONS.



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
ASME Y14.5M 1994	

UNLESS OTHERWISE SPECIFIED DIM. TOLERANCES ARE AS FOLLOWS:	
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:	JESUS M. ROMIREZ	03-21-2012
APPD:	SAMUEL JIMENEZ	03-21-2011
THIRD ANGLE PROJECTION	EDS DATE	11-11-2011
	FORMAT REV	G
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DESCRIPTION	
OUTLINE	
SIZE	DWG NO
C	F684
SCALE	SHEET
NONE	1

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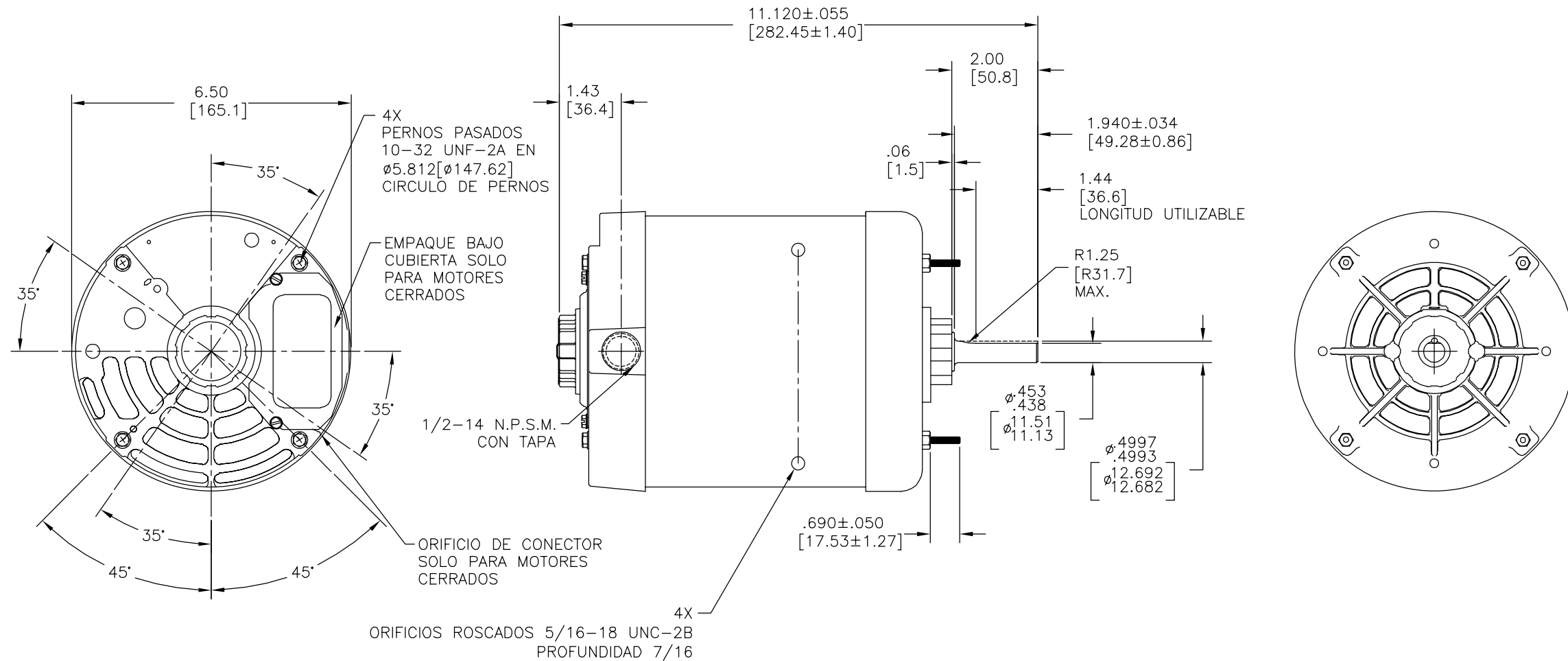
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TIPO	CARCAZA
SP	J56Z

REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
B	0025377	H.ZHANG	04-16-2012	B.SHEN	04-16-2012

TODAS LAS DIMENSIONES MOSTRADAS EN PARENTESIS SON DIMENSIONES DE REFERENCIA.



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 .32

DIMS METRICAS MOSTRADAS [PARENTESIS]

ASME Y14.5M 1994

DIBUJADO POR:	JESUS M. ROMIREZ	03-21-2012
APROBADO POR:	SAMUEL JIMENEZ	03-21-2011
TERCER ANGULO DE PROYECCION	⊕	FECHA EDS: 11-11-2011
		REV. FORMATO: G
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DESCRIPCION: OUTLINE	
TAMAÑO: C	NUMERO DE DIBUJO: F684
ESCALA: NONE	HOJA: 1

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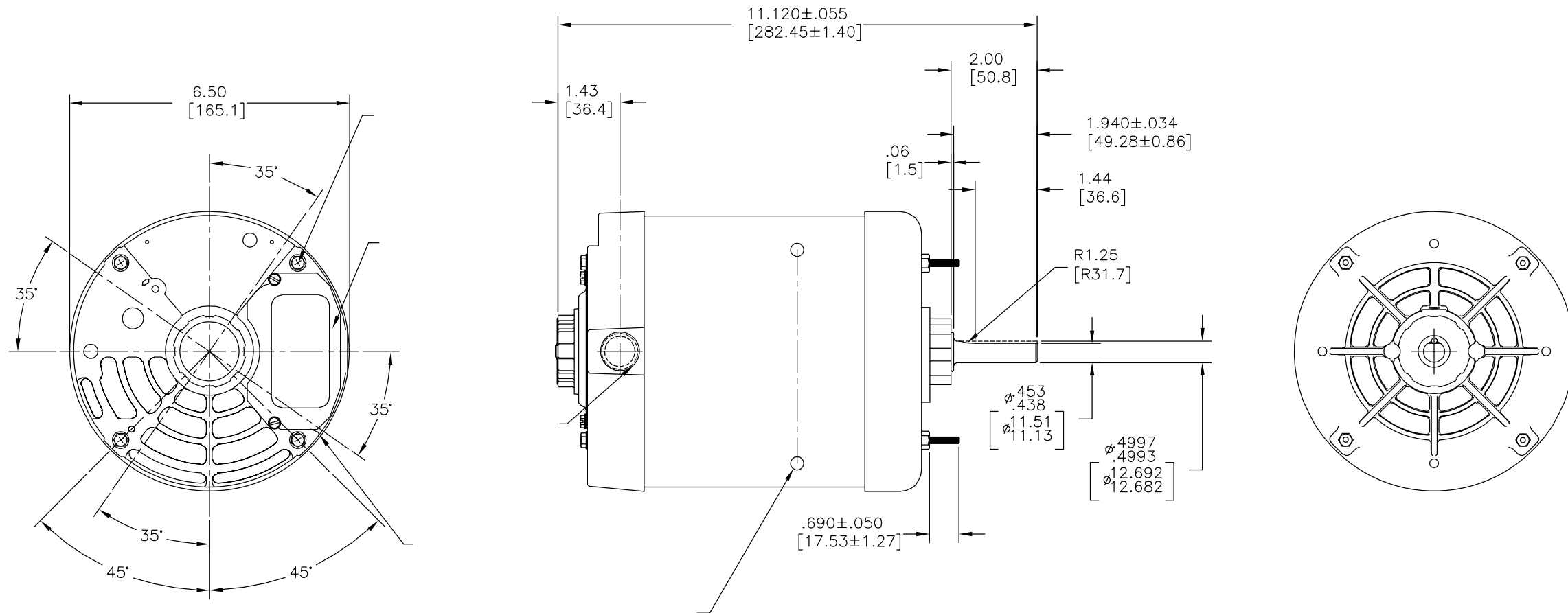
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SP	J56Z
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版本	ECO	编制	日期	批准	日期
B	0025377	H.ZHANG	04-16-2012	B.SHEN	04-16-2012



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	±.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:	JESUS M. ROMIREZ	03-21-2012
批准:	SAMUEL JIMENEZ	03-21-2011
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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名称	OUTLINE
图幅	C
图号	F684
比例	NONE
页号	1

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