

PRODUCT INFORMATION PACKET



Model No: HW2034BL
Catalog No: HW2034BL
1/3 HP Circulator pump Motor, 1 phase, 1800 RPM, 115 V, 48Z Frame, ODP
Circulator Pump Motors



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Nameplate Specifications

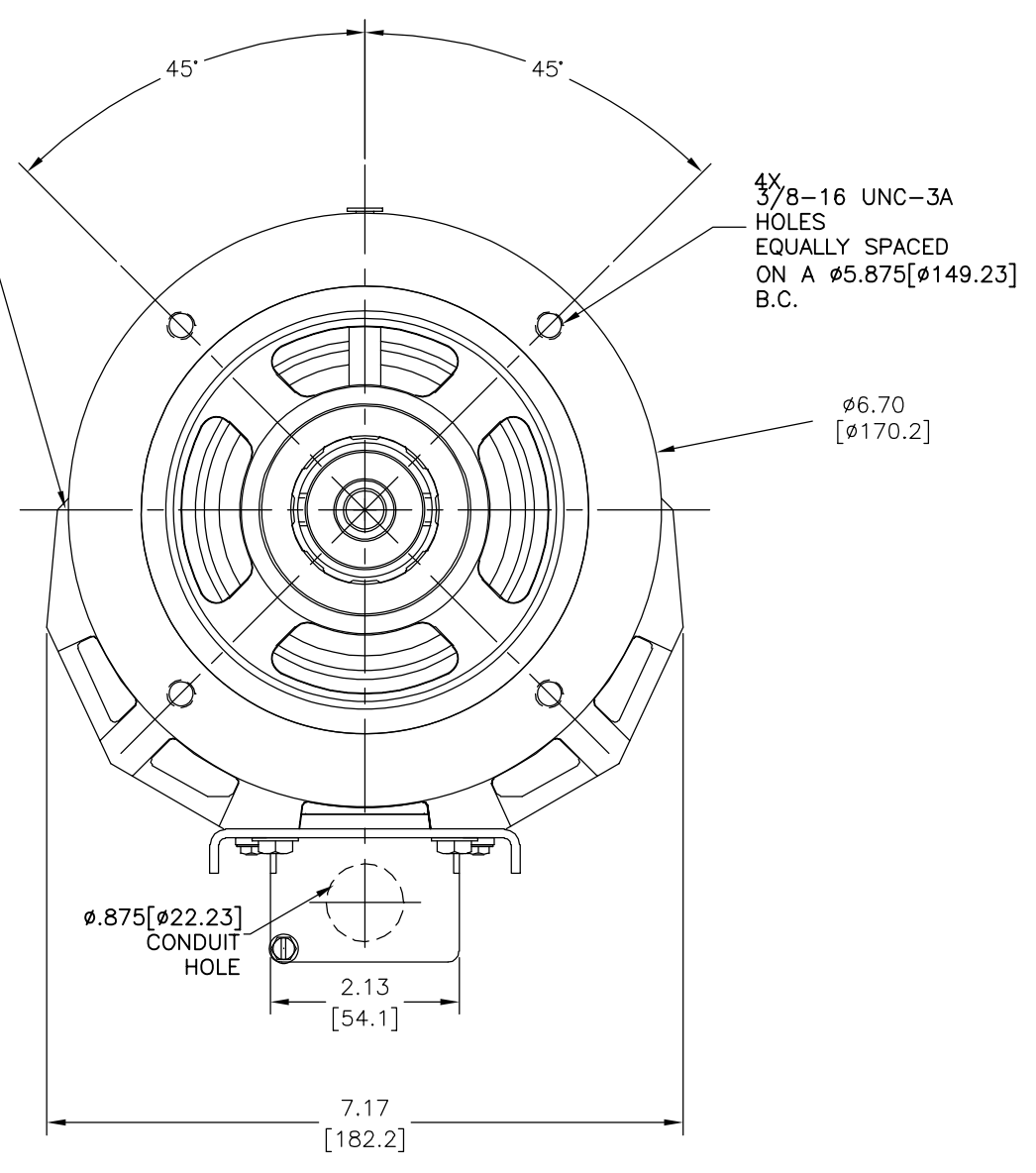
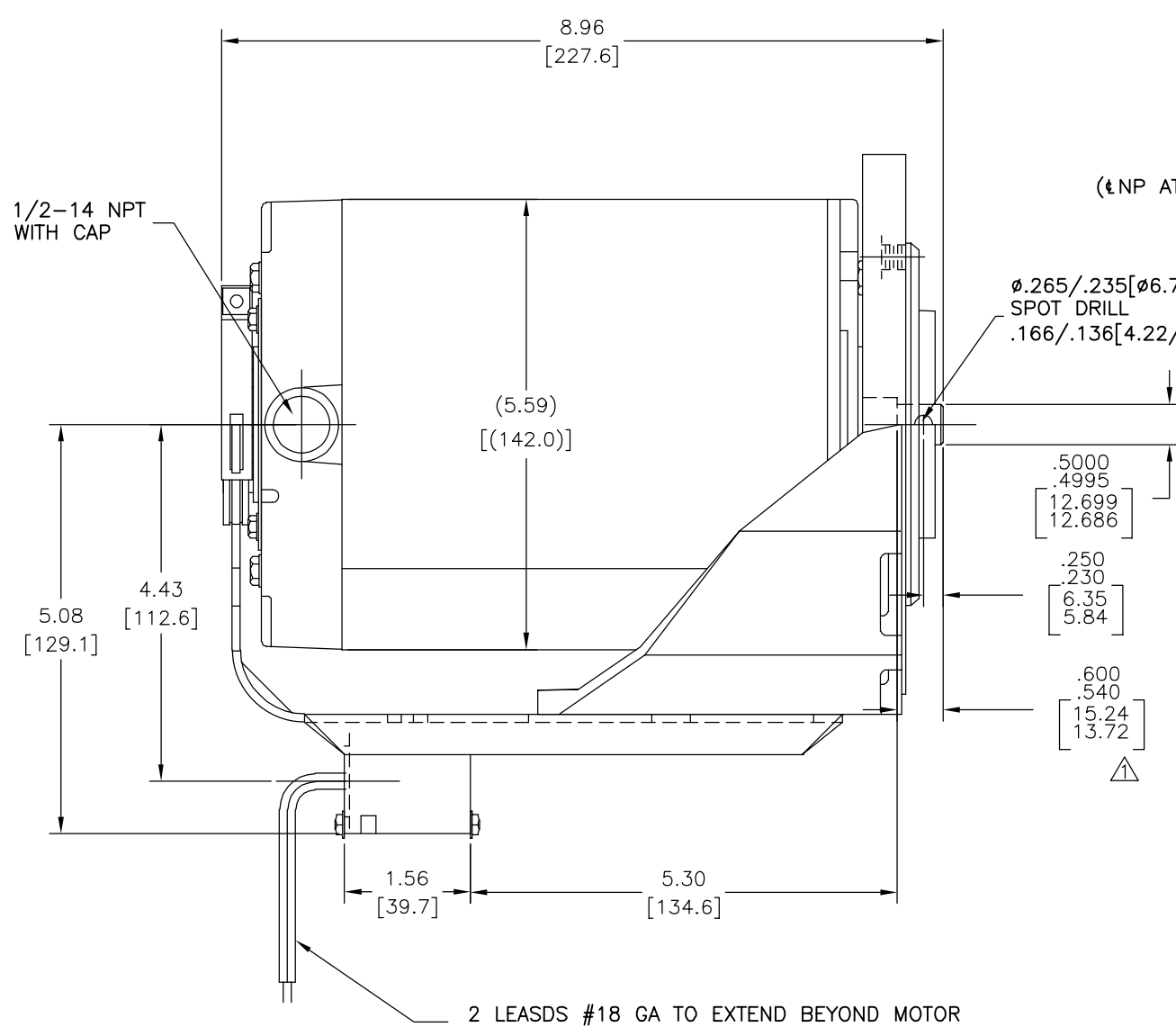
Output HP	1/3 Hp	Output KW	0.25 kW
Frequency	60 Hz	Voltage	115 V
Current	5.7 A	Speed	1725 rpm
Service Factor	1.3	Phase	1
Duty	Continuous	Insulation Class	B
Frame	48Z	Enclosure	Open Drip Proof
Thermal Protection	Automatic	Ambient Temperature	50 °C
UL	Recognized	CSA	Y
CE	N	Number of Speeds	1

Technical Specifications

Electrical Type	Split Phase	Starting Method	Across The Line
Poles	4	Rotation	Clockwise
Mounting	Resilient Base	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Spot Drill	Overall Length	8.96 in
Frame Length	5.59 in	Shaft Diameter	0.500 in
Shaft Extension	0.6 in		
Outline Drawing	HW2034BL	Connection Drawing	2510228-001

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REV	ECO	REV BY	DATE	APPD	DATE
C	0025577	H.ZHANG	04-24-2012	B.SHEN	04-24-2012



2 LEADS #18 GA TO EXTEND BEYOND MOTOR
 6.00 ± 0.008 [152.4 ± 0.08]
 .75 [19] STRIP

NOTES:
 1. .600/.540 DIMENSION IS FOR SHAFT EXTENSION, BOTH FROM BRACET HUB AND FROM SHAFT SHOULDER TO TIP OF SHAFT.
 2. DIMENSIONS 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:

	X	XX	XXX	XXXX
INCH	±.1	±.02	±.005	±.0005
mm	±0.5	±0.13	±0.013	

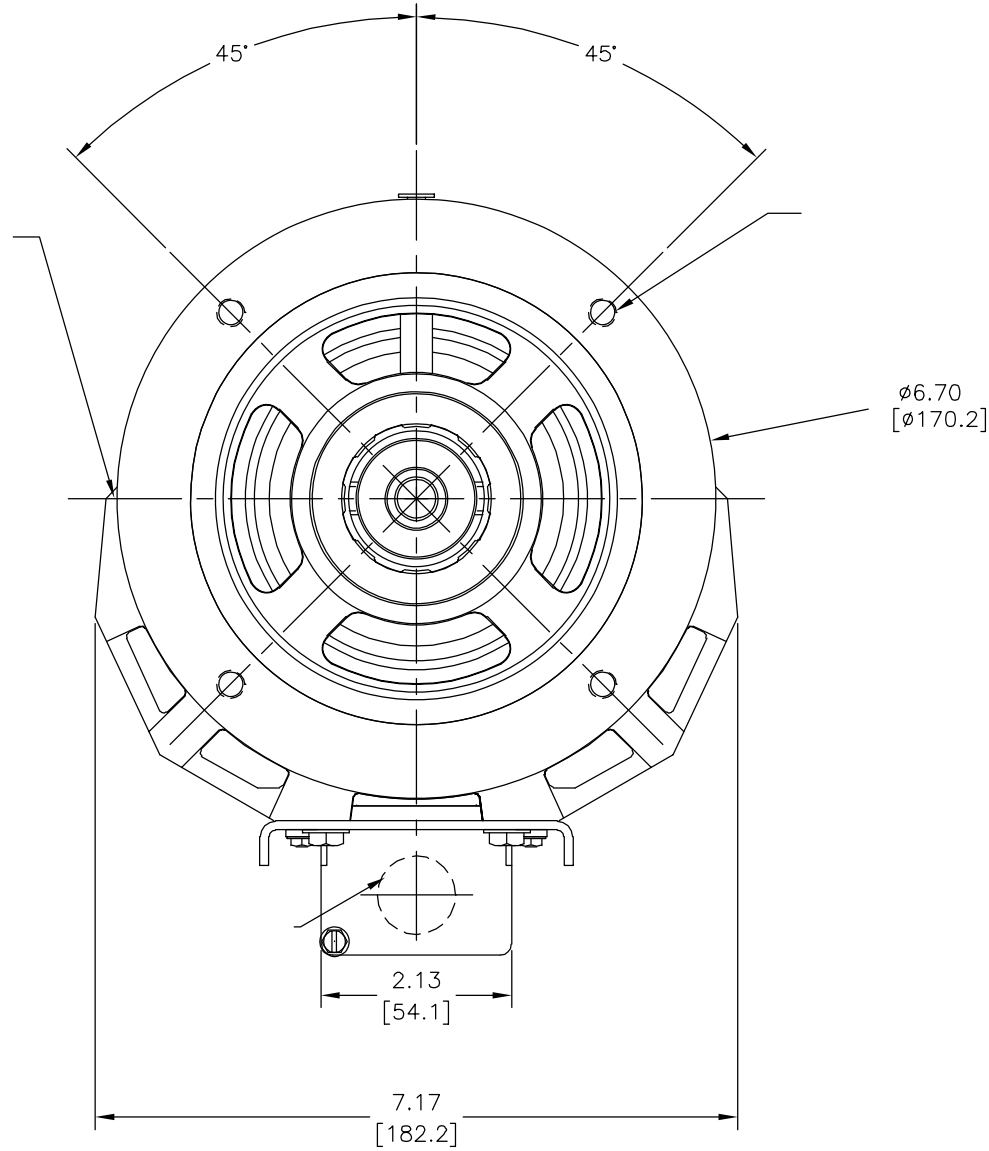
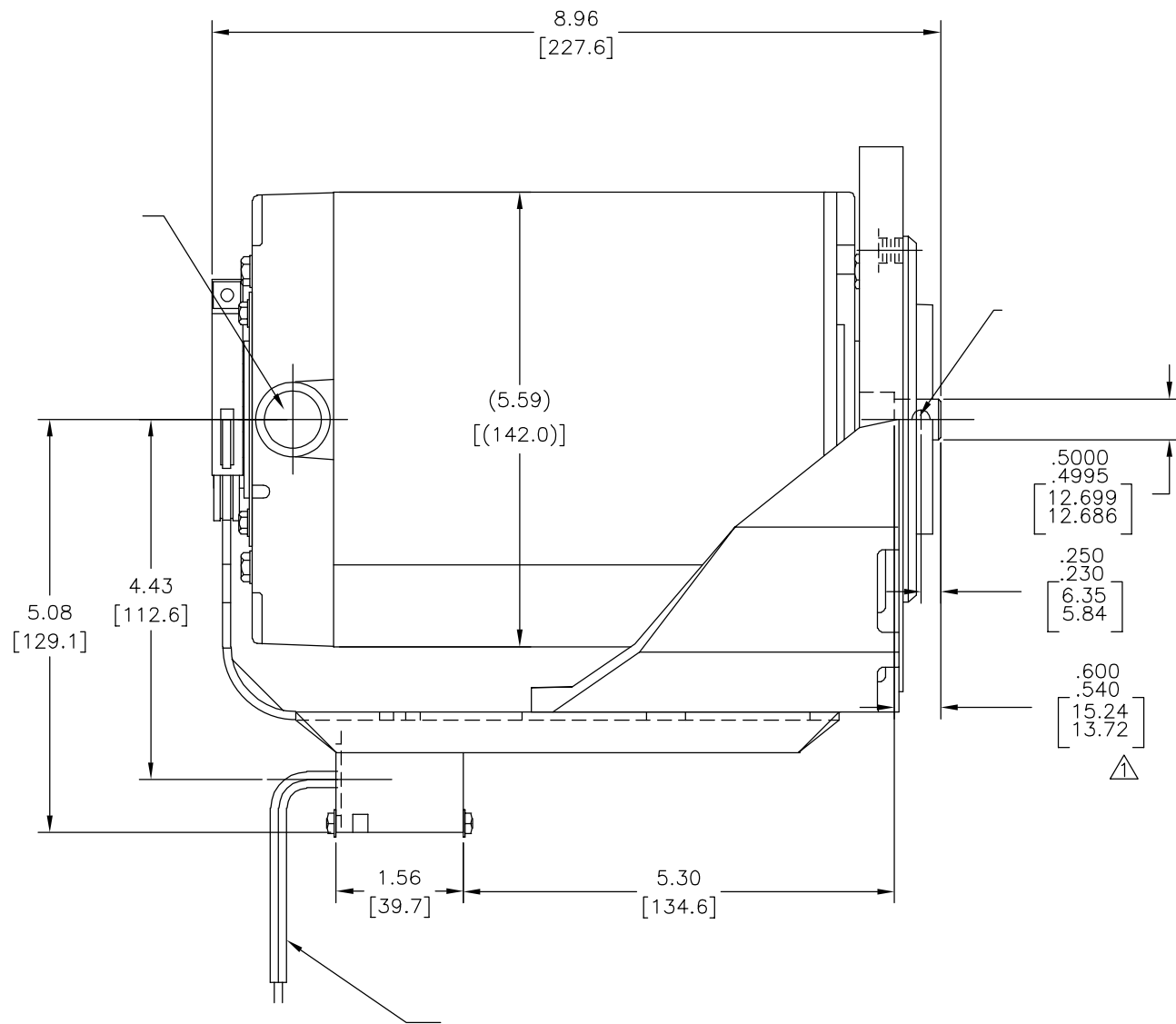
ANG. ±.50 DEG
 REMOVE BURRS & BREAK SHARP EDGES:
 INCH .003-.015 mm 0.1-0.4
 CORNER FILLETS TO:
 INCH .020 mm 0.5
 MACHINE SURFACES:
 INCH 125 mm 3.2

METRIC DIMS. SHOWN IN [BRACKETS]

DR BY:	SARA.H	08-29-2008
APPD:		
THIRD ANGLE PROJECTION	EDS DATE 11-11-2011	FORMAT REV G
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DESCRIPTION OUTLINE	
SIZE C	DWG NO HW2034BL
SCALE NONE	SHEET 1

REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
C	0025577	H.ZHANG	04-24-2012	B.SHEN	04-24-2012



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	

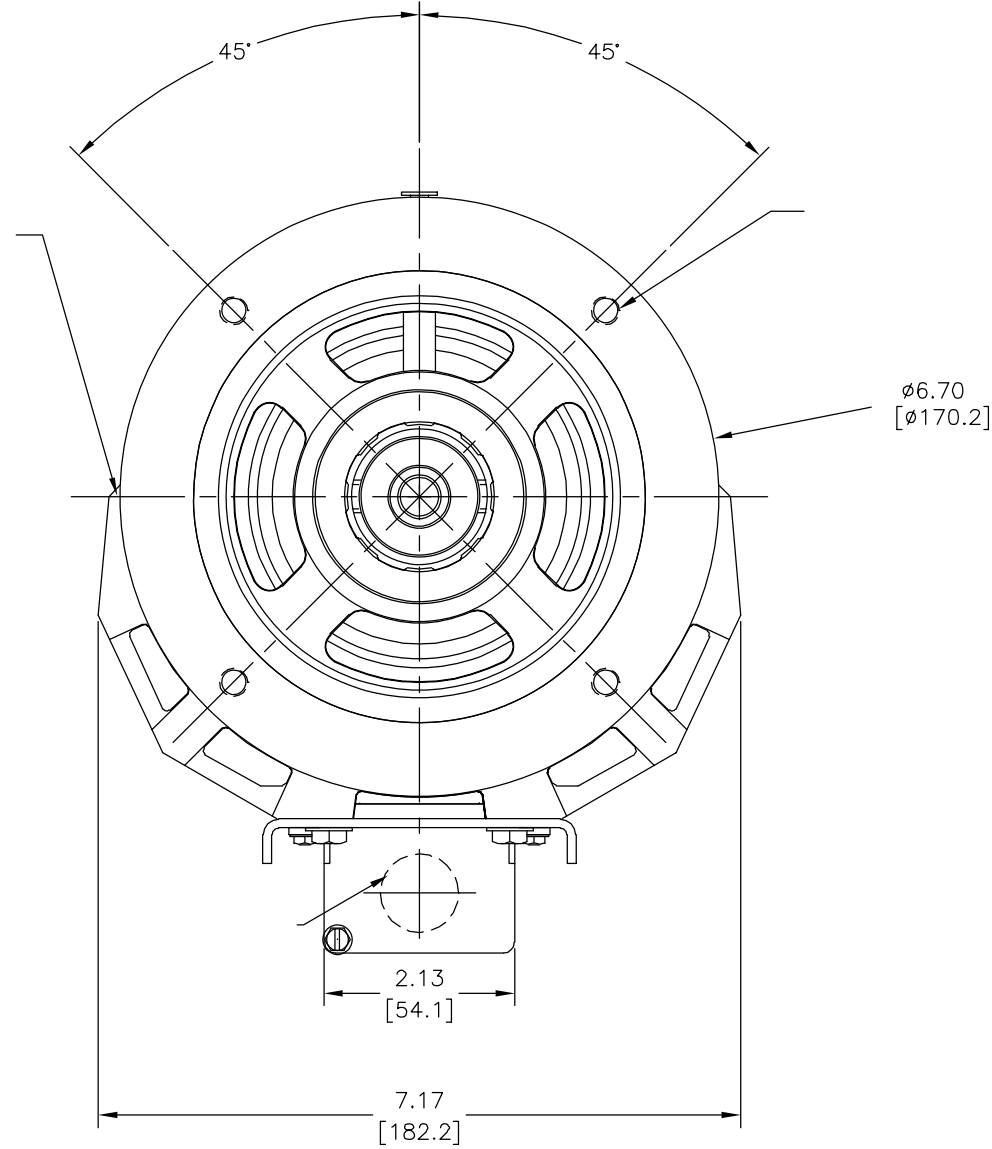
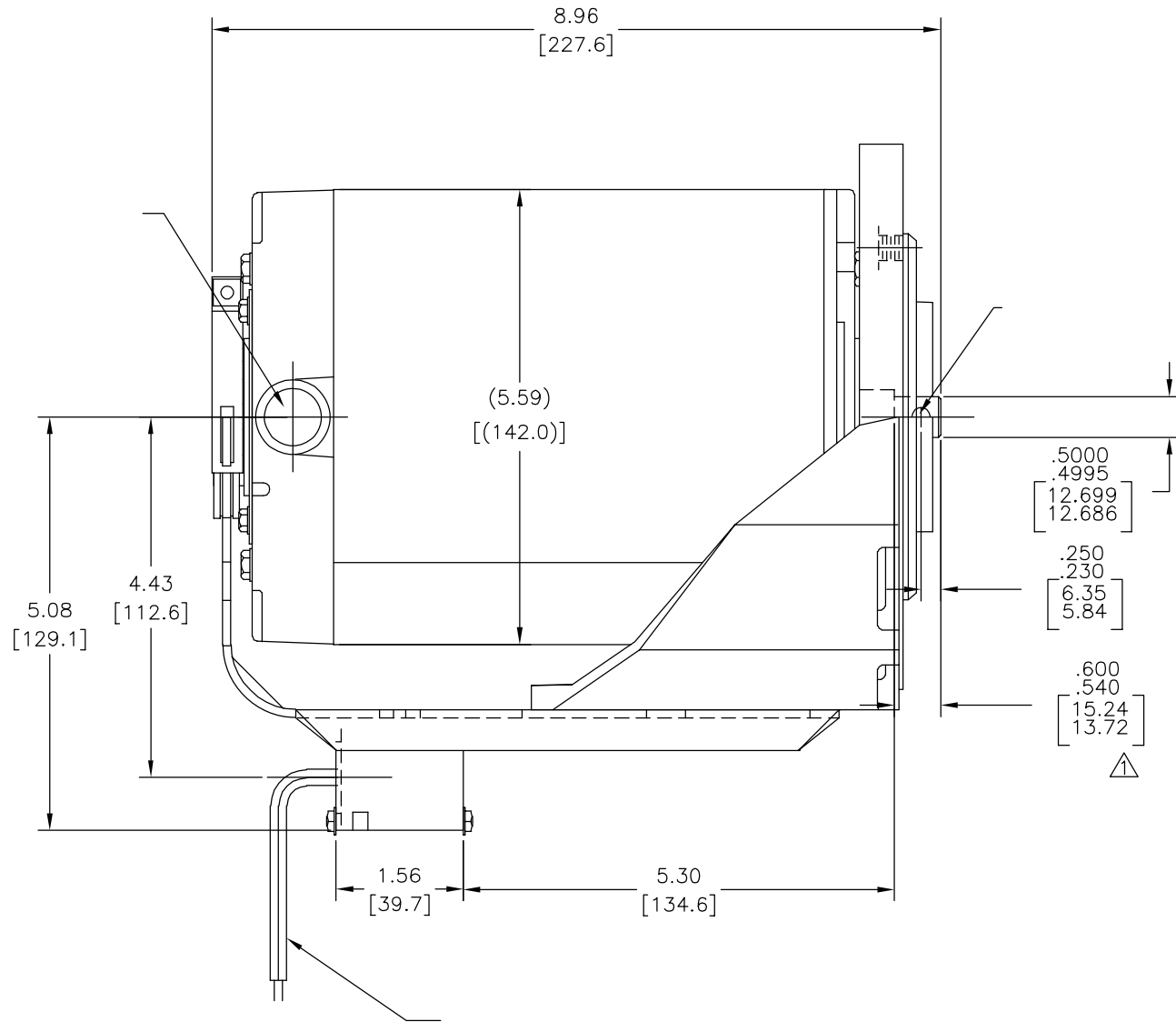
ANG. ±.50 GRADOS
 ELIMINAR REBABAS Y ORILLAS FILOSAS DEL BORDE.
 PULG .003-.015 mm 0.1-.04
 FILETEAR ESQUINA: PULG .020 mm 0.5
 MAQUINAR SUPERFICIES
 PULG 125 mm 3.2

DIMS METRICAS MOSTRADAS [PARENTESIS]

DIBUJADO POR:	SARA.H	08-29-2008
APROBADO POR:		
TERCER ANGULO DE PROYECCION		FECHA EDS: 11-11-2011 REV. FORMATO: G
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DESCRIPCION: OUTLINE	
TAMAÑO: C	NUMERO DE DIBUJO: HW2034BL
ESCALA: NONE	HOJA: 1

版本	ECO	编制	日期	批准	日期
C	0025577	H.ZHANG	04-24-2012	B.SHEN	04-24-2012



- 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

ASME Y14.5M 1994

除另有注明
尺寸公差如下:
英寸 X XX XXX XXXX
毫米 ±0.1 ±0.02 ±0.005 ±0.0005
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:	SARA.H	08-29-2008
批准:		
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 HW2034BL
比例	NONE	页号 1