

PRODUCT INFORMATION PACKET



Model No: HSQ1302

Catalog No: HSQ1302

Pool Pump Motor, 3.00 HP, 1 Ph, 60 Hz, 208-230 V, 3600 RPM, Y56Y Frame, ODP



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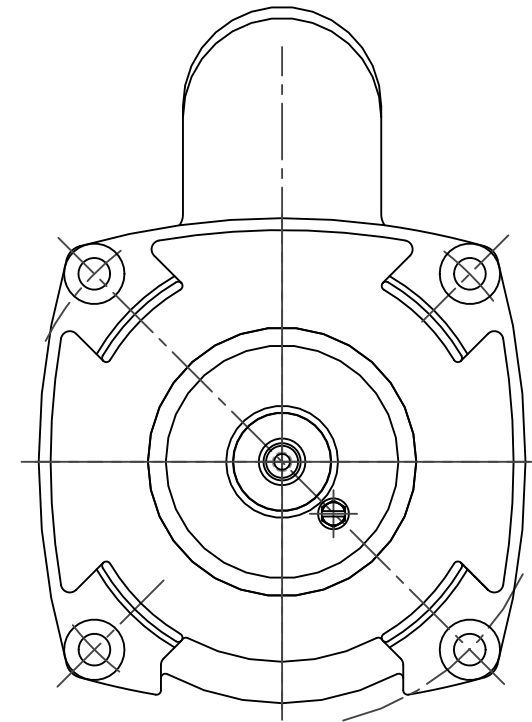
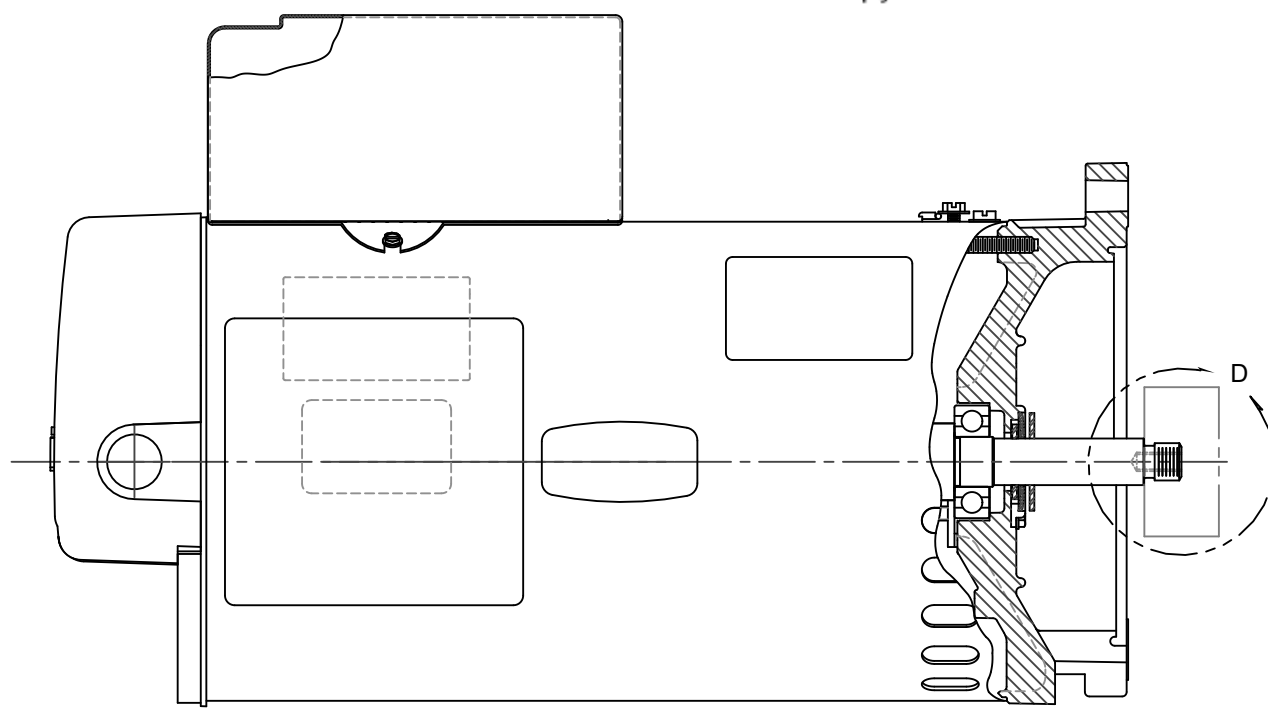
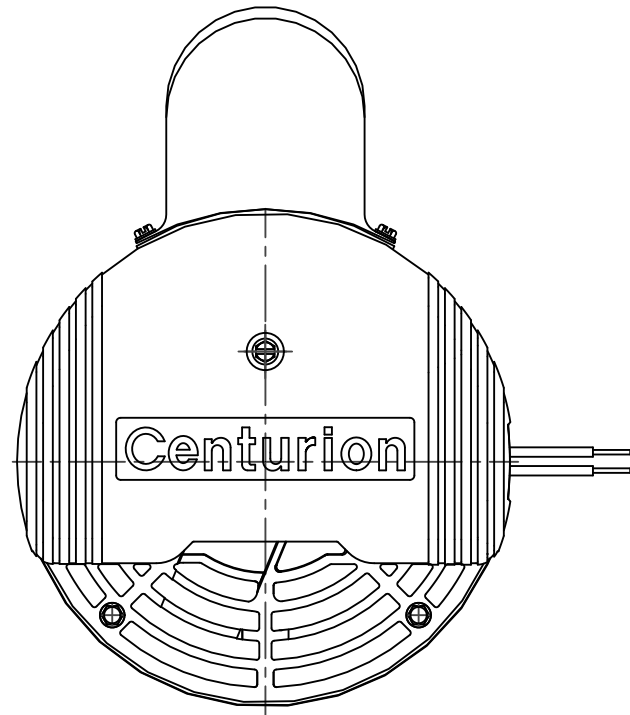
Nameplate Specifications

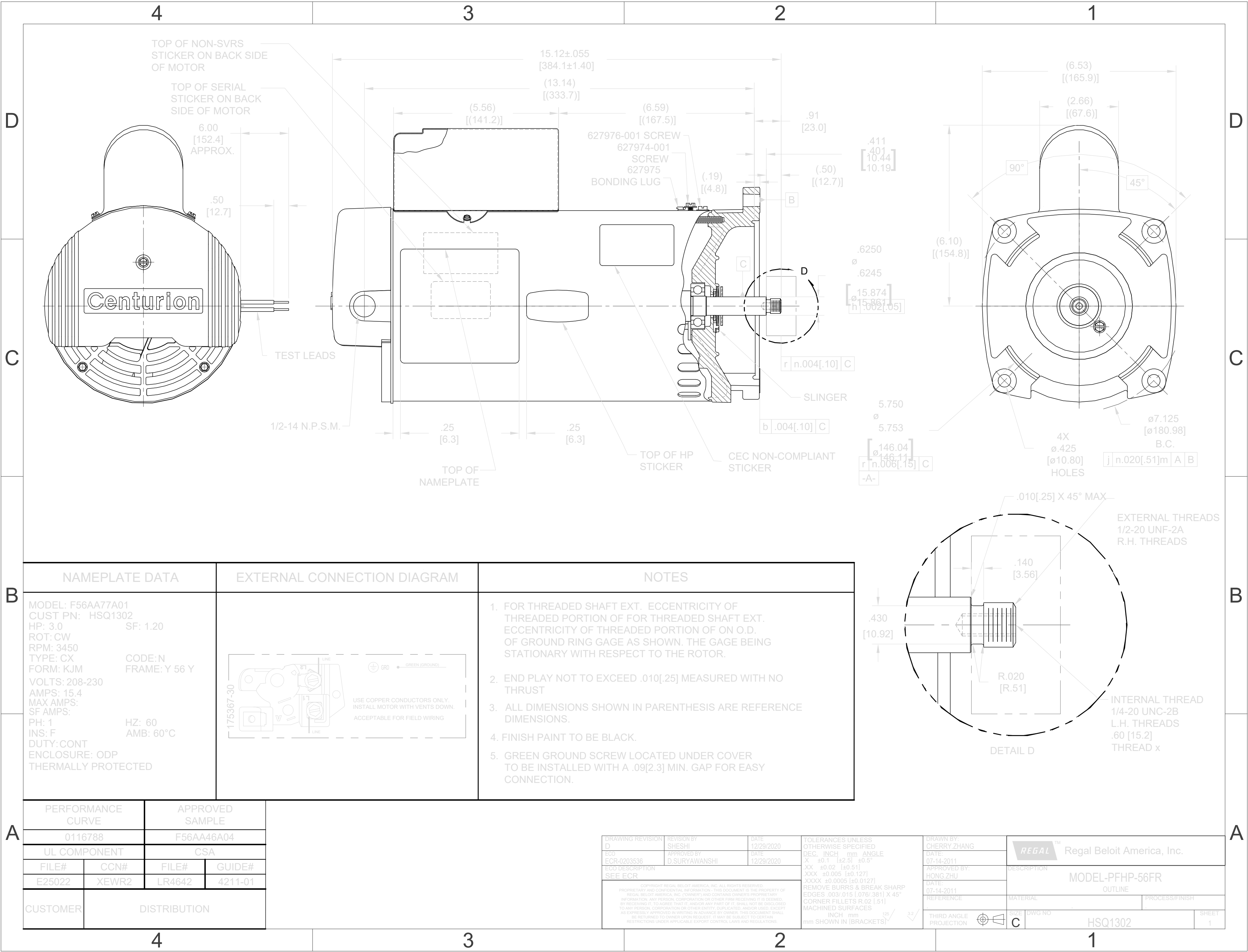
Output HP	3.00 Hp	Output KW	2.2 kW
Frequency	60 Hz	Voltage	208-230 V
Current	15.4 A	Speed	3450 rpm
Service Factor	1.2	Phase	1
Duty	Continuous	Insulation Class	F
Frame	Y56Y	Enclosure	Open Drip Proof
Thermal Protection	Thermally Protected	Ambient Temperature	60 °C
UL	Recognized	CSA	Y
Number of Speeds	1		

Technical Specifications

Electrical Type	Permanent Split Capacitor, Single Or Dual Voltage	Starting Method	Across The Line
Poles	2	Rotation	Counterclockwise Pump End
Mounting	Round	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	1/2 Thread
Overall Length	15.12 in	Frame Length	10.75 in
Shaft Diameter	0.625 in	Shaft Extension	0.91 in
Connection Drawing	17536730.PCX	Outline Drawing	HSQ1302-S01

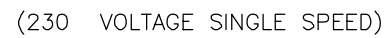
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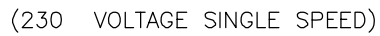




DRAWING REVISION D	REVISION BY SHESHI	DATE 12/29/2020	TOLERANCES UNLESS OTHERWISE SPECIFIED DEC. INCH mm ANGLE X ±0.1 [±2.5] ±0.5° .XX ±0.02 [±0.51] .XXX ±0.005 [±0.127] .XXXX ±0.0005 [±0.0127] REMOVE BURRS & BREAK SHARP EDGES .003/.015 [0.076/.381] X 45° CORNER FILLETS R.02 [.51] MACHINED SURFACES INCH mm mm SHOWN IN [BRACKETS]	DRAWN BY: CHERRY.ZHANG	REGAL™ Regal Beloit America, Inc.
ECO ECR-0203536	APPROVED BY D.SURYAWANSHI	DATE 12/29/2020		DATE: 07-14-2011	
ECO DESCRIPTION SEE ECR				APPROVED BY: HONG ZHU	DESCRIPTION MODEL-PFHP-56FR
				DATE: 07-14-2011	OUTLINE
				REFERENCE	MATERIAL
				THIRD ANGLE PROJECTION	PROCESS/FINISH
				SIZE DWG NO C	HSQ1302
					SHEET 1

4		3		2		1															
				REV ECO		REV BY DATE															
				B 0021650		Cherry.Zhang 07-15-2011															
						APPD DATE															
						Hong.Zhu 07-15-2011															
175367-30 USE COPPER CONDUCTORS ONLY. INSTALL MOTOR WITH VENTS DOWN. ACCEPTABLE FOR FIELD WIRING (230 VOLTAGE SINGLE SPEED) NOTES: 1) DOTTED BOX REPRESENTS TOTAL PRINTED AREA ALLOWED FOR CONNECTION DIAGRAM TO FIT IN (2.13[54.1] X .75[19.0]). SEE NAMEPLATE DRAWING 170500 OR 170501 FOR LOCATION. 2) CHARACTERS ARE TO BE A MINIMUM OF .03[.8] TO .06[1.5] MAXIMUM IN HEIGHT 3) DETAILS ARE NOT TO BE COPIED FROM DRAWING, BUT ARE TO BE REPRODUCED FROM ORIGINAL ARTWORK FURNISHED. 4) FUTURE DETAILS ARE TO BE PLACED ON D0000112 <table><tr><td rowspan="4">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</td><td rowspan="4">UNLESS OTHERWISE SPECIFIED DIM. TOLERANCES ARE AS FOLLOWS: INCH X XX XXX XXXX mm ±.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]</td><td>DR BY: Cherry.Zhang</td><td>07-15-2011</td><td rowspan="4"> ACSmith ELECTRICAL PRODUCTS COMPANY A DIVISION OF A. O. SMITH CORPORATION DESCRIPTION CONN DIAGRAM-NAMEPLATE SIZE C DWG NO 17536730 SCALE NONE SHEET 1 </td></tr><tr><td>APPD: Hong.Zhu</td><td>07-15-2011</td><td>EDS DATE 02-22-2008</td></tr><tr><td colspan="2">THIRD ANGLE PROJECTION</td><td>FORMAT REV F</td></tr><tr><td colspan="3">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</td></tr></table>								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 ±.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: Cherry.Zhang	07-15-2011	ACSmith ELECTRICAL PRODUCTS COMPANY A DIVISION OF A. O. SMITH CORPORATION DESCRIPTION CONN DIAGRAM-NAMEPLATE SIZE C DWG NO 17536730 SCALE NONE SHEET 1	APPD: Hong.Zhu	07-15-2011	EDS DATE 02-22-2008	THIRD ANGLE PROJECTION		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		
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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 X ±.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: Cherry.Zhang07-15-2011 批准: Hong.Zhu07-15-2011 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	ACSmith innovation has a name. ELECTRICAL PRODUCTS COMPANY A DIVISION OF A. O. SMITH CORPORATION 名称 CONN DIAGRAM-NAMEPLATE 图幅 C 图号 17536730 比例 NONE 页号 1
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