

PRODUCT INFORMATION PACKET



Model No: STG1202A

Catalog No: STG1202A

Guardian ® Motors Pool Pump Motor, 2.0 HP, 1 Ph, 60 Hz, 208-230 V, 3600 RPM, 56J Frame, ODP



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Nameplate Specifications

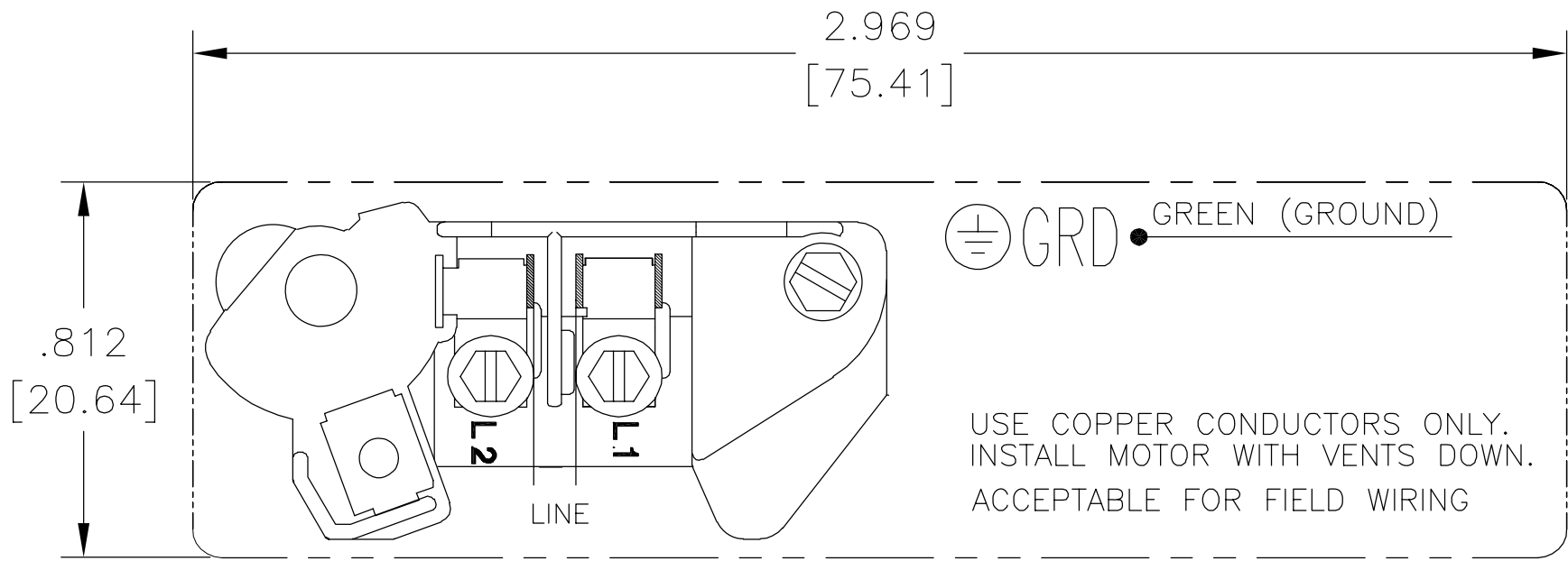
Output HP	2.0 Hp	Output KW	1.5 kW
Frequency	60 Hz	Voltage	208-230 V
Current	12.6-11.4 A	Speed	3450 rpm
Service Factor	1.32	Phase	1
Duty	Continuous	Insulation Class	B
Frame	56J	Enclosure	Open Drip Proof
Thermal Protection	Automatic	Ambient Temperature	50 °C
UL	Recognized	CSA	Y
Number of Speeds	1		

Technical Specifications

Electrical Type	Capacitor Start Capacitor Run	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	Threaded
Overall Length	15.63 in	Frame Length	9.69 in
Shaft Diameter	0.625 in	Shaft Extension	2.56 in
Outline Drawing	STG1202A-S01	Connection Drawing	627103-007

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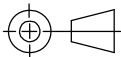
REV	ECO	REV BY	DATE	APPD	DATE
B	0001487	D.MUÑOZ	04-13-2009	M.ARGUELLES	04-13-2009



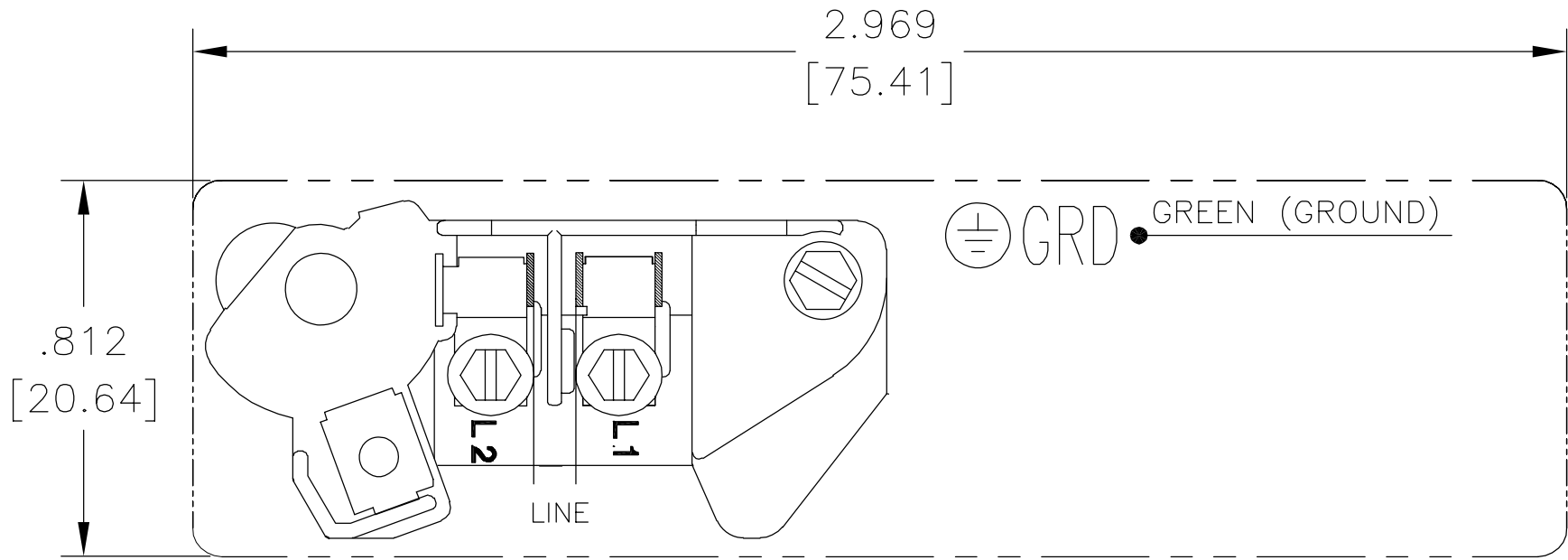
230 VOLTAGE — SINGLE SPEED

NOTE:

1. FOR USE WITH 616231 NAME PLATE BLANK.
2. — — — — — INDICATES DIMENSIONAL LIMITS.
3. 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: INCH X XX XXX XXXX ±.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: Daniel Muñoz	04–13–2009	 ELECTRICAL PRODUCTS COMPANY innovation has a name. A DIVISION OF A. O. SMITH CORPORATION		
		APPD:		DESCRIPTION CONNECTION DIAGRAM EXTERNAL		
		THIRD ANGLE PROJECTION 	EDS DATE 02–22–2009 FORMAT REV F	SIZE A DWG NO 627103–007		
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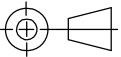
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B	0001487	D.MUÑOZ	04-13-2009	M.ARGUELLES	04-13-2009



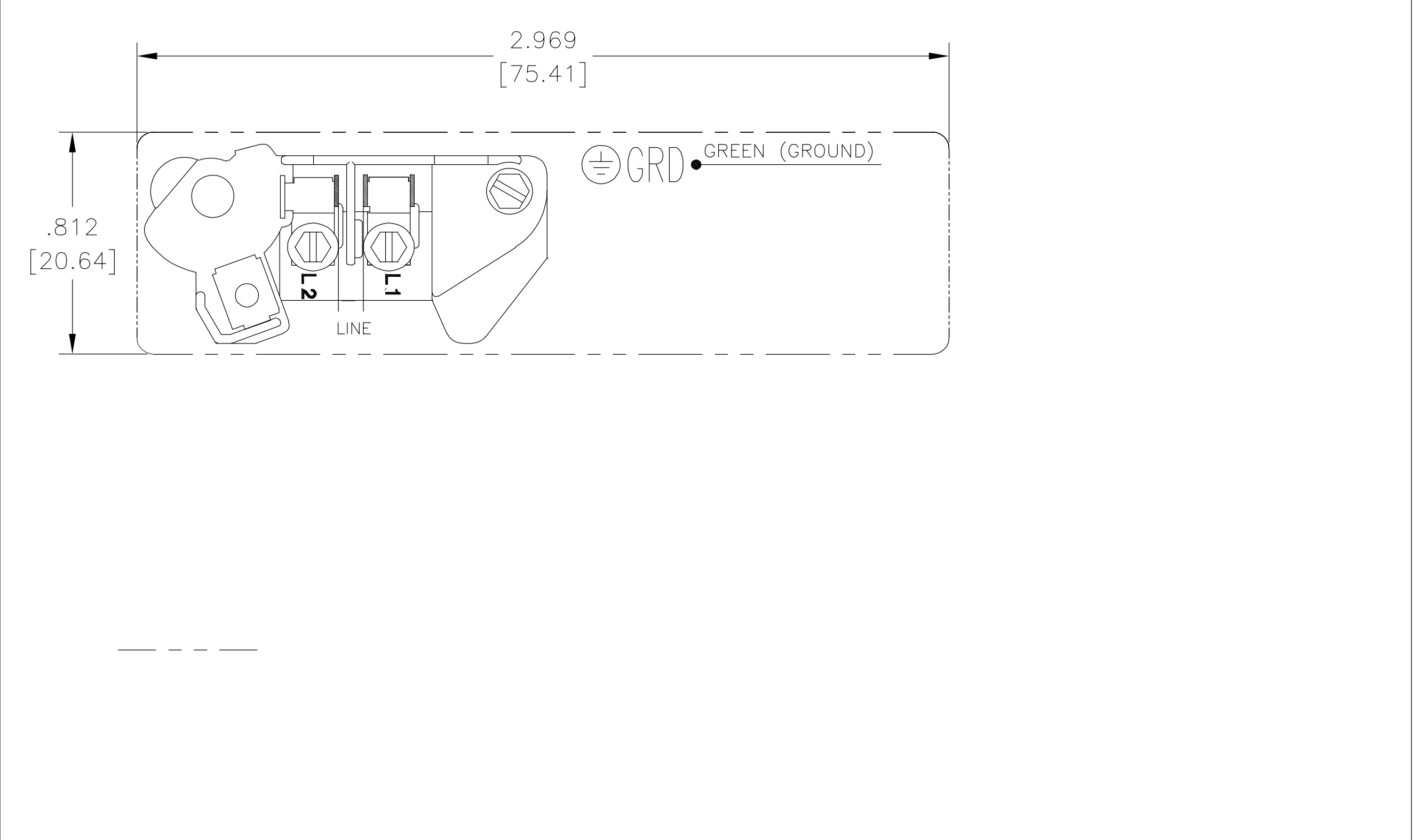
VOLTAJE 230 – VELOCIDADA SENCILLA

NOTAS:

1. PARA USARSE CON LA PLACA DE DATOS EN BLANCO 616231.
2. — — — — — INDICA LIMITES DIMENSIONALES.
3. EL DADO DEBE PRODUCIR UNA IMPRESION LEGIBLE.

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 ◎ CONCENRICIDAD ≡ SIMETRIA	A MENOS QUE SE ESPECIFIQUE DE OTRA MANERA, LAS TOLERANCIAS DE LAS DIMS; SON LAS SIGUIENTES: X XX XXX XXXX 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: Daniel Muñoz	04-13-2009	 ELECTRICAL PRODUCTS COMPANY A DIVISION OF A. O. SMITH CORPORATION	
		APROBADO POR:		DESCRIPCION: CONNECTION DIAGRAM EXTERNAL	
		TERCER ANGULO DE PROYECCION 	FECHA EDS: 02-22-2009 REV. FORMATO: F	TAMAÑO: A	NUMERO DE DIBUJO: 627103-007
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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:	ASME Y14.5M 1994	ELECTRICAL PRODUCTS COMPANY A DIVISION OF A. O. SMITH CORPORATION		
	英寸 X XX XXX XXXX ±.1 ±.02 ±.005 ±.0005 毫米 ±0.5 ±0.13 ±0.013	ASME Y14.5M 1994	ACSmith Innovation has a name.		
	角度 ±.50 度 清理毛刺和尖棱 英寸 .003-.015 毫米 0.1-0.4	第三角投影	名称		
	内圆角 英寸 .020 毫米 0.5	机密的：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	CONNECTION DIAGRAM EXTERNAL		
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			NONE		1