

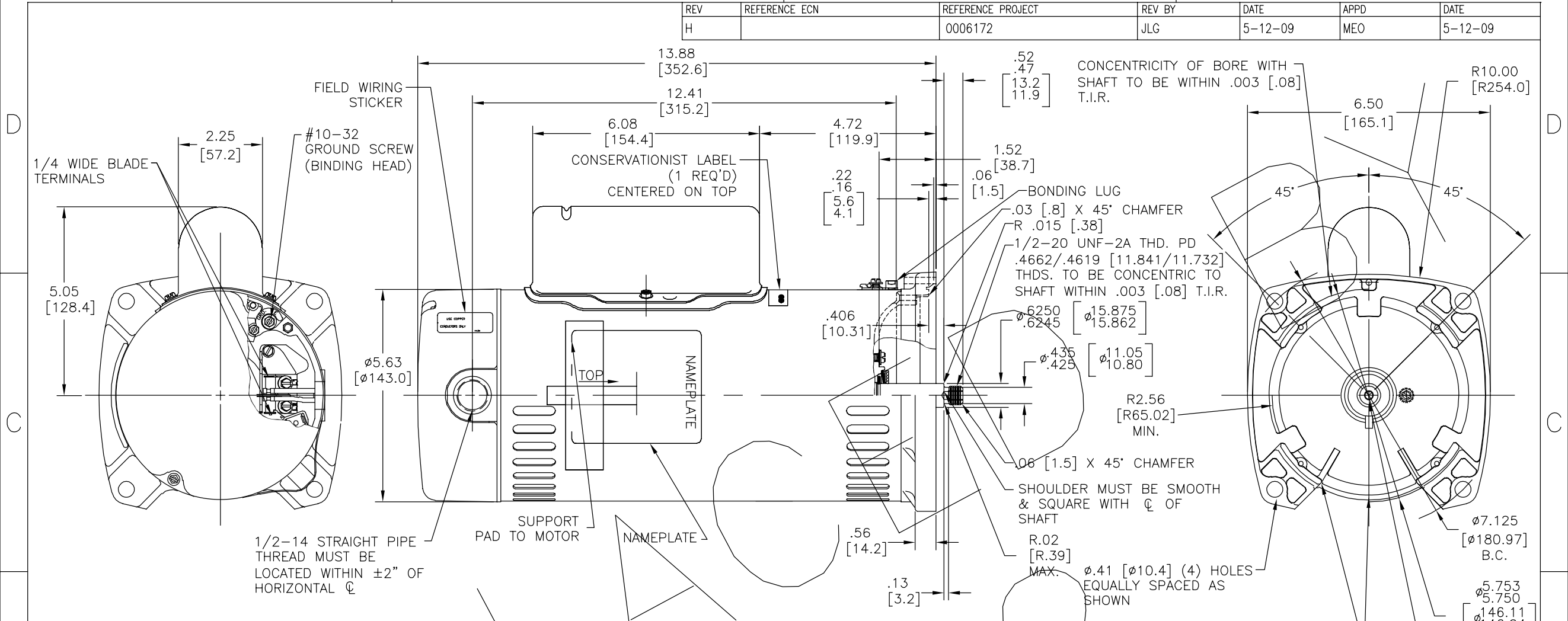
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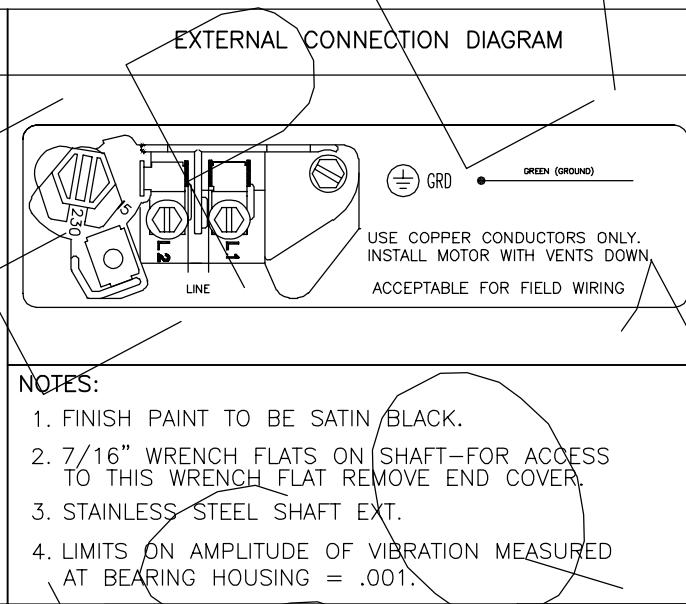
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REV	REFERENCE ECN	REFERENCE PROJECT	REV BY	DATE	APPD	DATE
H		0006172	JLG	5-12-09	MEO	5-12-09



NAMEPLATE DATA
MODEL: K48N2PA105C5
CUST. P/N: USQ1252
HP: 2 1/2
SF: 1.0
ROT: CCWPE
RPM: 3450
TYPE: UAK
CODE: F
FRAME: 48 Y
VOLTS: 230
AMPS:
MAX AMPS: 11.2
PH: 1
HZ: 60
INS: B
AMB: 50°C
DUTY: CONT
THERMALLY PROTECTED



PERFORMANCE CURVE NO.	APPROVED SAMPLE OR REF. MODEL		
K48N2W1			
UL COMPONENT	CSA		
FILE#	CCN#	FILE#	CLASS#
E25022	XEWR2	LR43341	4211-01
ENCLOSURE: ODP		CUSTOMER: DIST. SERVICES	
MOTOR ASSEMBLY REF. 626610-002			

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: TREYES	06-26-2006
APPD:	
THIRD ANGLE PROJECTION	EDS DATE 01-21-2007
	FORMAT REV E
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DESCRIPTION	
OUTLINE SQUARE FLANGE	
SIZE C	DWG NO 12403-002
SCALE NONE	SHEET 1

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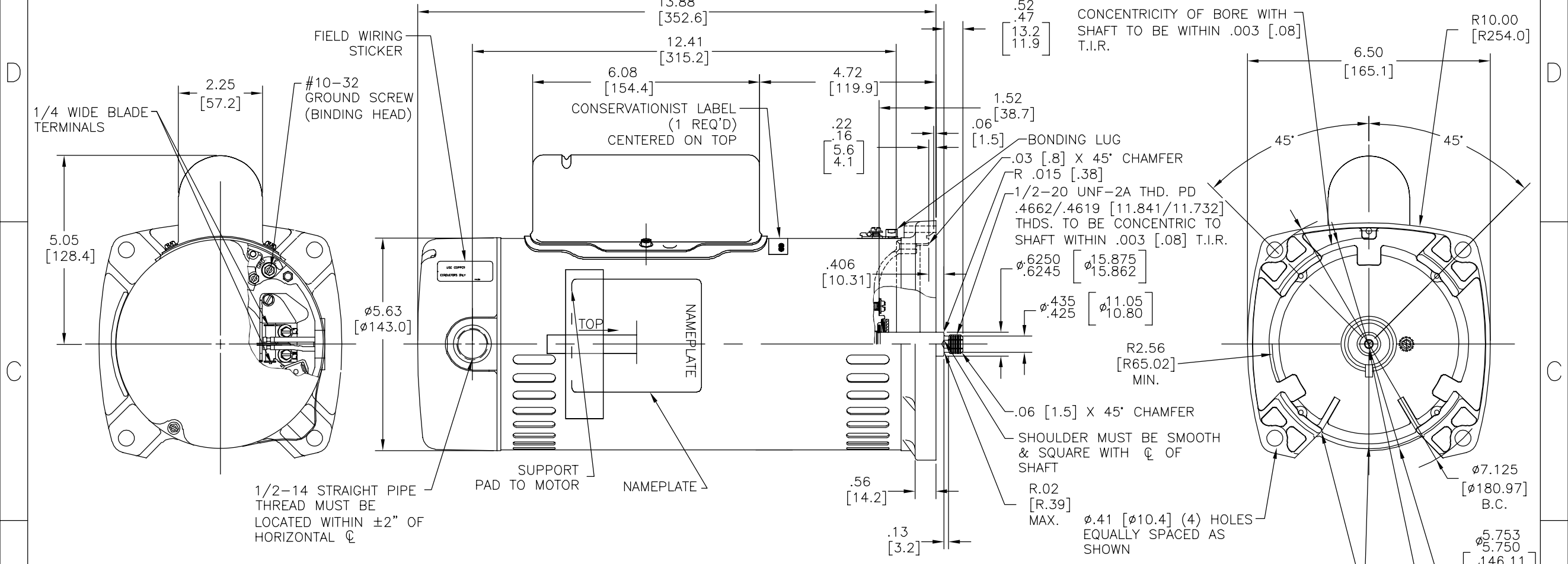
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REVISION: H	ECN REFERENCIA:	PROYECTO REFERENCIA: 0006172	REVISADO POR: JLG	FECHA: 5-12-09	APROBADO POR: MEO	FECHA: 5-12-09
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NAMEPLATE DATA	EXTERNAL CONNECTION DIAGRAM	PERFORMANCE CURVE NO.	APPROVED SAMPLE OR REF. MODEL
MODEL: K48N2PA105C5 CUST. P/N: USQ1252 HP: 2 1/2 SF: 1.0 ROT: CCWPE RPM: 3450 TYPE: UAK CODE: F FRAME: 48 Y VOLTS: 230 AMPS: MAX AMPS: 11.2 PH: 1 HZ: 60 INS: B AMB: 50°C DUTY: CONT THERMALLY PROTECTED	 USE COPPER CONDUCTORS ONLY. INSTALL MOTOR WITH VENTS DOWN. ACCEPTABLE FOR FIELD WIRING	K48N2W1	
		UL COMPONENT	CSA
		FILE#	CCN#
		E25022	XEWR2
		FILE#	CLASS#
		LR43341	4211-01
		ENCLOSURE: ODP	CUSTOMER: DIST. SERVICES
		MOTOR ASSEMBLY REF. 626610-002	
	NOTES:		
	1. FINISH PAINT TO BE SATIN BLACK.		
	2. 7/16" WRENCH FLATS ON SHAFT-FOR ACCESS TO THIS WRENCH FLAT REMOVE END COVER.		
	3. STAINLESS STEEL SHAFT EXT.		
	4. LIMITS ON AMPLITUDE OF VIBRATION MEASURED AT BEARING HOUSING = .001.		
		5. CAPAC. HOUSING TO BE LOCATED WITHIN ±2 1/2" OF VERTICAL Q OF END FRAME (P.E.).	

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: TREYES	06-26-2006	A.O. SMITH ELECTRICAL PRODUCTS COMPANY TIPP CITY, OHIO A DIVISION OF A. O. SMITH CORPORATION COPYRIGHT 1995	
		APROBADO POR:			DESCRIPCION: OUTLINE SQUARE FLANGE
		TERCER ANGULO DE PROYECCION	FECHA EDS: 01-21-2007 REV. FORMATO: E		TAMAÑO: C NUMERO DE DIBUJO: 12403-002
		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			ESCALA:NONE HOJA: 1

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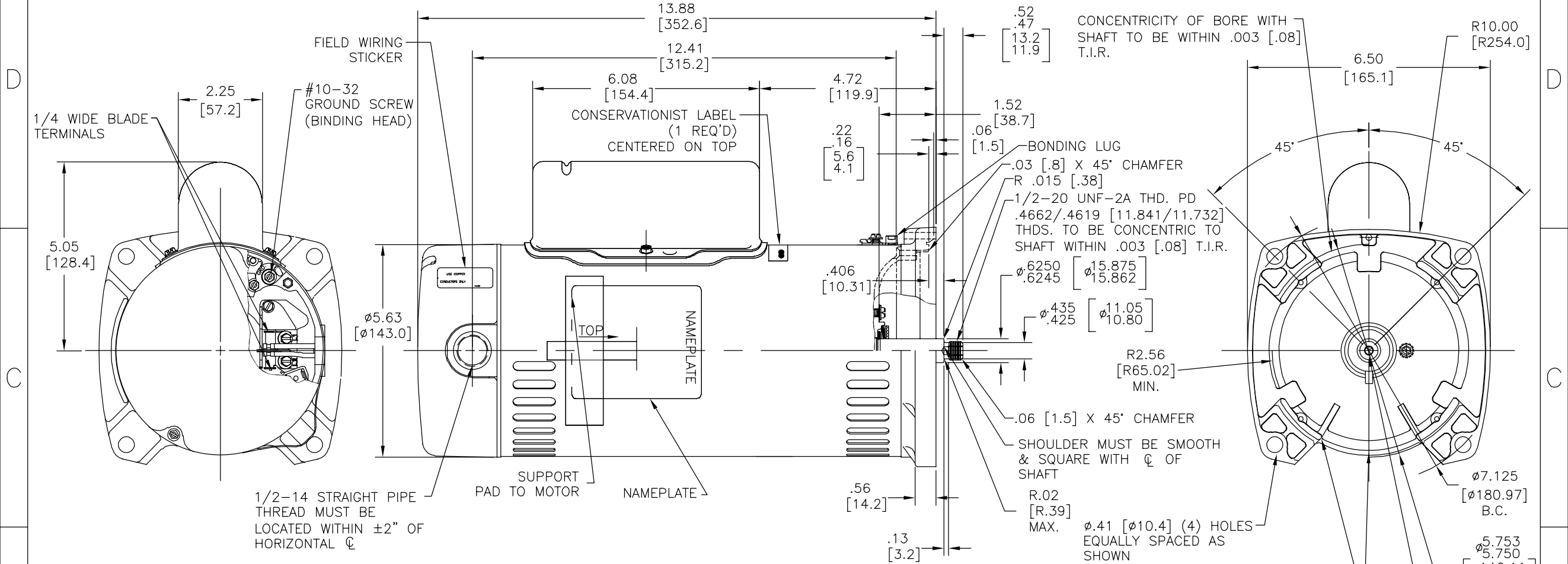
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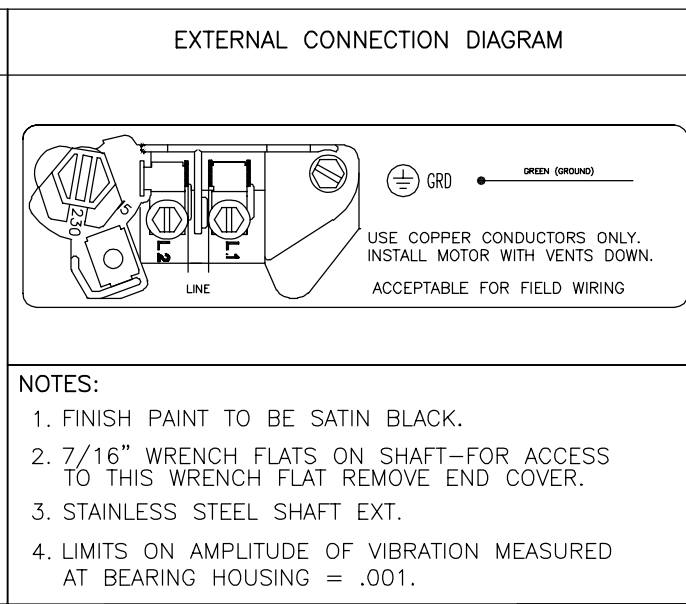
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版本	更改通知号	项目号	编制	日期	批准	日期
H		0006172	JLG	5-12-09	ME0	5-12-09



NAMEPLATE DATA
MODEL: K48N2PA105C5 CUST. P/N: USQ1252 HP: 2 1/2 SF: 1.0 ROT: CCWPE RPM: 3450 TYPE: UAK CODE: F FRAME: 48 Y VOLTS: 230 AMPS: MAX AMPS: 11.2 PH: 1 HZ: 60 INS: B AMB: 50°C DUTY: CONT THERMALLY PROTECTED



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UL COMPONENT	CSA		
FILE#	CCN#	FILE#	CLASS#
E25022	XEWR2	LR43341	4211-01
ENCLOSURE: ODP		CUSTOMER: DIST. SERVICES	
MOTOR ASSEMBLY REF. 626610-002			
5. CAPAC. HOUSING TO BE LOCATED WITHIN ±2 1/2" OF VERTICAL Q OF END FRAME (P.E.).			

TENON PADES & BOSS FACES TO BE SQUARE WITH SHAFT Q WITH IN .004 [.10] T.I.R.

1/4-20 UNC-2B L.H. THREAD .50 [12.7] DEEP W/ 30° X .075 [1.91] MAX. DEEP CHAMFER

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 ±.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: TREYES 批准: 第三角投影 图纸格式发布日期 01-21-2007 图纸格式版本 E 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
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名称 OUTLINE SQUARE FLANGE 图幅 C 图号 12403-002 比例 NONE 页号 1

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