

PRODUCT INFORMATION PACKET



Model No: F450
Catalog No: F450
General Purpose Motor, 1/2 HP, 1 Ph, 60 Hz, 115 V, 1800 RPM, 56 Frame, TEFC



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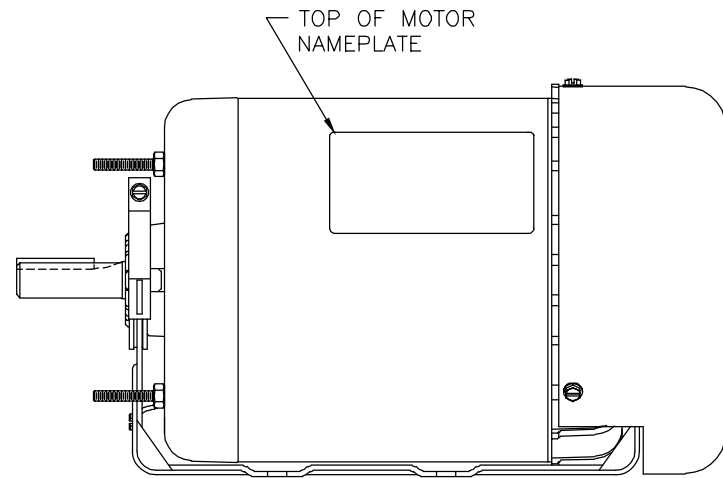
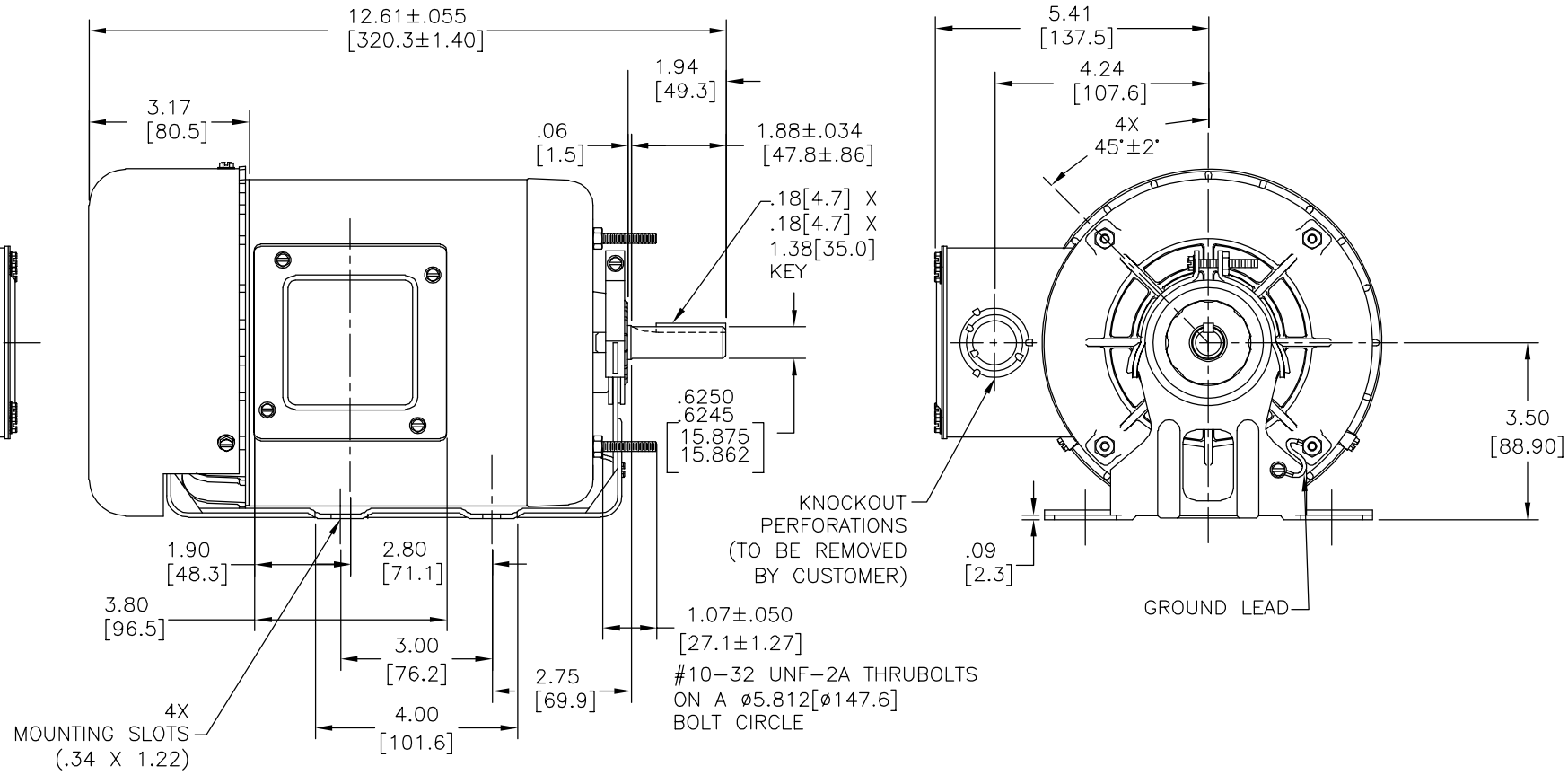
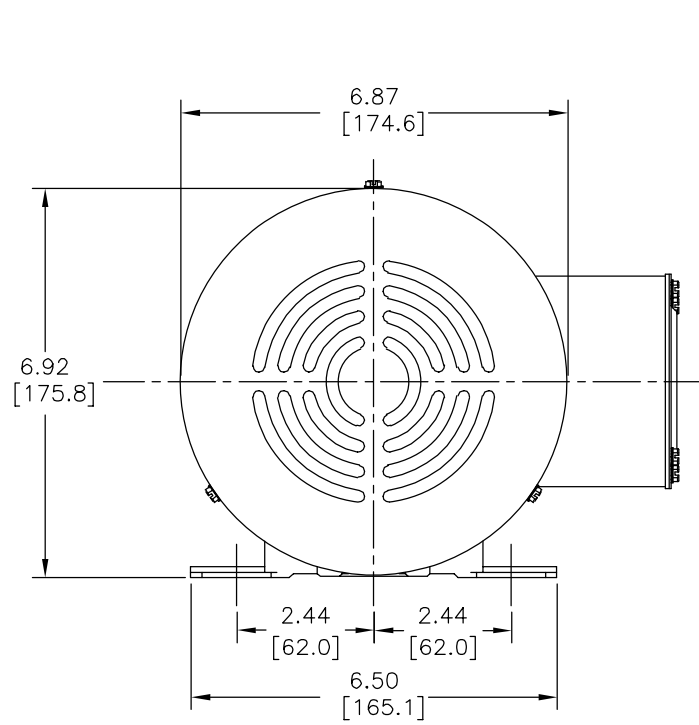
Nameplate Specifications

Phase	1	Output HP	1/2 Hp
Output KW	0.37 kW	Voltage	115 V
Speed	1725 rpm	Service Factor	1.00
Frame	56	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	40 °C
Frequency	60 Hz	Current	7.1 A
Duty	Continuous	Insulation Class	B
UL	Recognized	CSA	Y
CE	N	Number of Speeds	1

Technical Specifications

Electrical Type	Split Phase, Induction Run, Single Or Dual Voltage	Starting Method	Across The Line
Poles	4	Rotation	Clockwise/Counterclockwise
Mounting	Resilient Base	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Keyed	Overall Length	12.61 in
Frame Length	5.63 in	Shaft Diameter	0.625 in
Shaft Extension	1.94 in		
Outline Drawing	F450-S01	Connection Drawing	624000-C099

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DRAWING REVISION B	REVISION BY J.AGUILERA	DATE 04-14-2014	TOLERANCES UNLESS OTHERWISE SPECIFIED DEC. INCH mm ANGLE	DRAWN BY: N.HONG	Regal Beloit America, Inc.
ECO 0049171	APPROVED BY D.VALENCIANO	DATE 04-14-2014	.X ±0.1 [±2.5] ±0.5° .XX ±0.02 [±0.51] .XXX ±0.005 [±0.127] .XXXX ±0.0005 [±0.0127]	DATE: 12-17-2012	
ECO DESCRIPTION SEE ECO			REMOVE BURRS & BREAK SHARP EDGES .003/.015 [0.076/.381] CORNER FILLETS .02 [0.51] MACHINED SURFACES $\frac{125}{\text{INCH}} \sqrt{\text{mm}}$	APPROVED BY: H.ZHU	DESCRIPTION MODEL-CFHP-56FR OUTLINE
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				REFERENCE	PROCESS/FINISH
				THIRD ANGLE PROJECTION	SIZE DWG NO C F450
					SHEET 1

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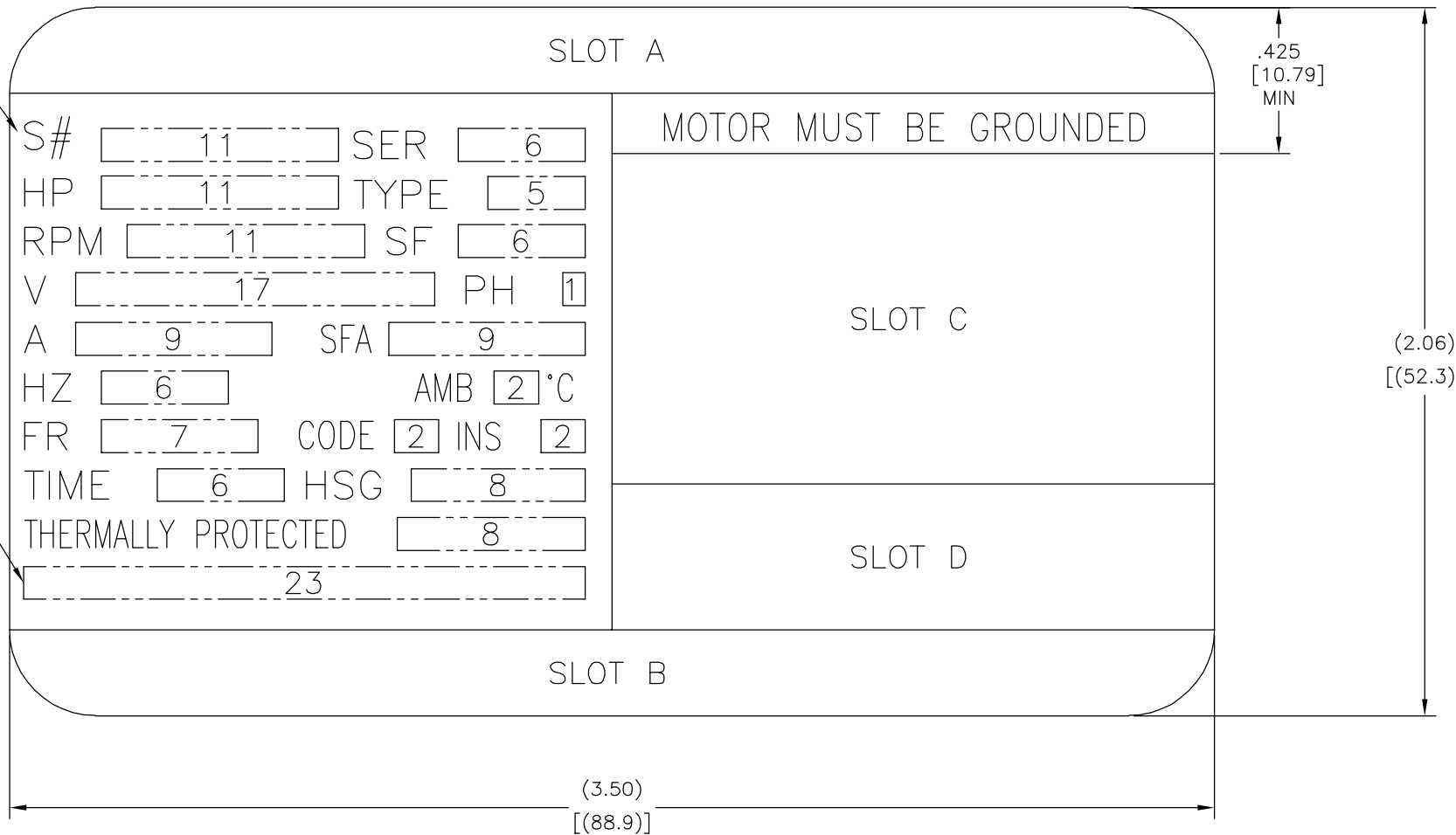
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REV	ECO	REV BY	DATE	APPD	DATE
D	0027849	I.MATA	08-23-2012	D.BALDERRAMA	08-23-2012

ALL HEADINGS FOR SLOTS TO BE 8:6-11 FOLLOWED BY ONE 8 PT. SPACE (RIGHT)

ADDITIONAL INFORMATION LINE



NOTES:

- NUMERICAL VALUES SHOWN IN VARIABLE INFORMATION FIELDS INDICATE MAXIMUM NUMBER OF CHARACTERS INCLUDING SPACES.
- PRINT DATE CODE PER EP000108 IN "SER" FIELD.
- PRINTING INSTRUCTIONS PER PS-764.

MATERIAL	DESCRIPTION
S8115-006	VINYL WHITE 4.00[101.6]
S8080-021	FOIL BLACK 2.50[63.5]
S8079-017	POLYESTER 3.750[95.25] CLEAR

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:	SHANCKS	08-17-1995
APPD:		
THIRD ANGLE PROJECTION		EDS DATE 11-11-2011 FORMAT REV H
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REGAL REGAL-BELOIT CORPORATION	
DESCRIPTION NAMEPLATE BLANK	
SIZE C	DWG NO 624000-001
SCALE NONE	SHEET 1

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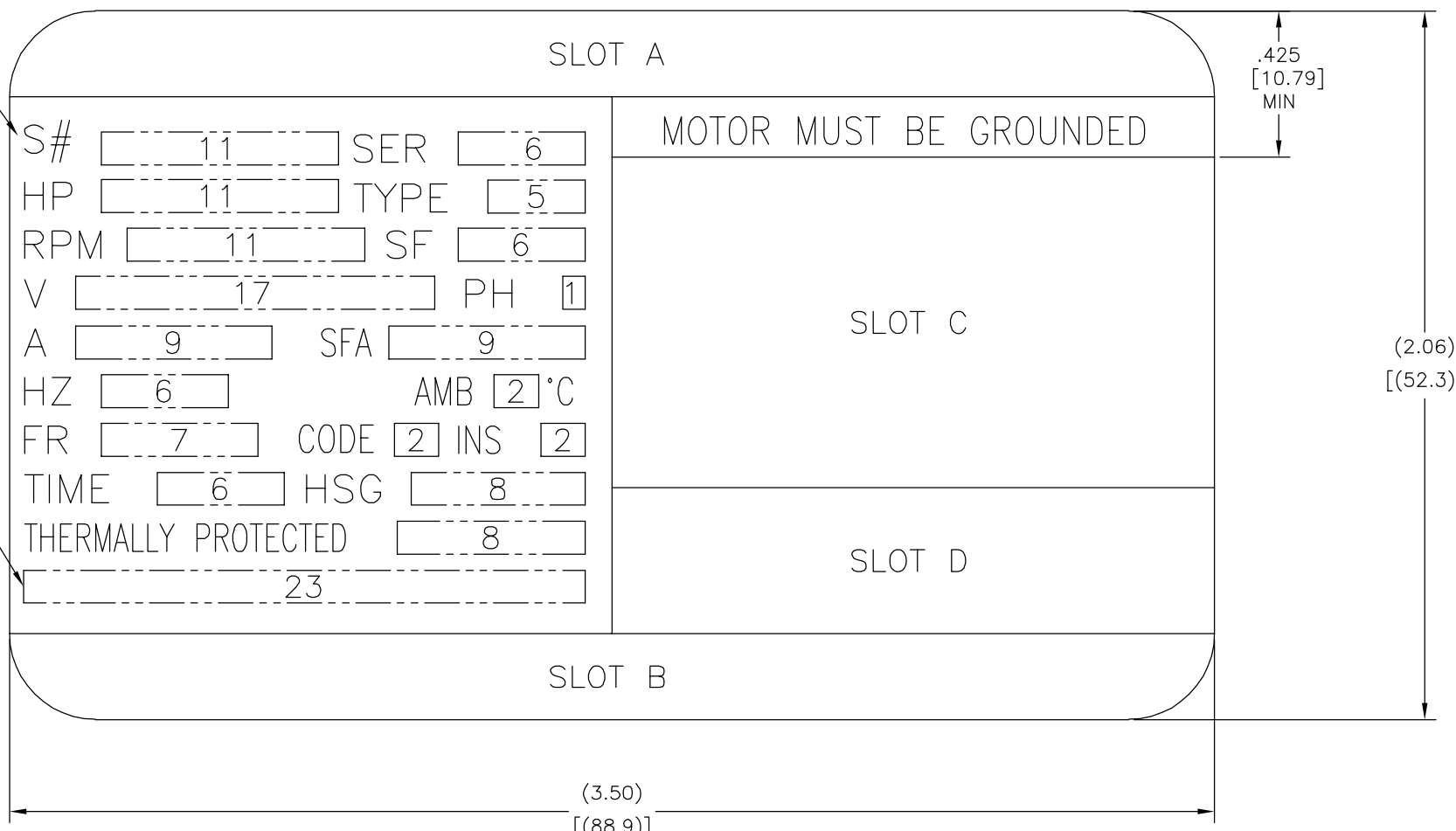
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REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
D	0027849	I.MATA	08-23-2012	D.BALDERRAMA	08-23-2012

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TODOS LOS ENCABEZADOS PARA LAS RANURAS SERAN DE 8:6-11 SEGUIDOS POR UN ESPACIO DE 8 PT. (DERECHA)



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LINEA DE INFORMACION ADICIONAL

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NOTAS:

1. LOS VALORES NUMERICOS VARIABLES MOSTRADOS EN LOS CAMPOS DE INFORMACION INDICAN EL NUMERO MAXIMO DE CARACTERES INCLUYENDO ESPACIOS.
2. IMPRIMIR CODIGO DE FECHA DE ACUERDO A EP000108 EN EL CAMPO "SER"
3. INSTRUCCIONES DE IMPRESION DE ACUERDO A PS-764

MATERIAL	DESCRIPCION
S8115-006	VINYL BLANCO 4.00[101.6]
S8080-021	LAMINA NEGRA 2.50[63.5]
S8079-017	POLYESTER 3.750[95.25] CLARO

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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	DIBUJADO POR: SHANCKS	08-17-1995	REGAL-BELOIT CORPORATION	
		APROBADO POR:			DESCRIPCION: NAMEPLATE BLANK
		TERCER ANGULO DE PROYECCION	FECHA EDS: 11-11-2011 REV. FORMATO: H	TAMAÑO: C	NUMERO DE DIBUJO: 624000-001
ASME Y14.5M 1994 DIMS METRICAS MOSTRADAS [PARENTESIS]		CONFIDENCIAL: ESTE DIBUJO Y SU INFORMACION SON PROPIEDAD DE USO EXCLUSIVO Y CONFIDENCIAL DE REGAL-BELOIT CORPORATION. Y NO DEBERAN SER REVELADOS, DUPLICADOS, DISTRIBUIDOS O USARSE DE OTRA MANERA SIN EL CONSENTIMIENTO ESCRITO DE REGAL-BELOIT CORPORATION. -TODOS LOS DERECHOS RESERVADOS.		ESCALA: NONE	HOJA: 1

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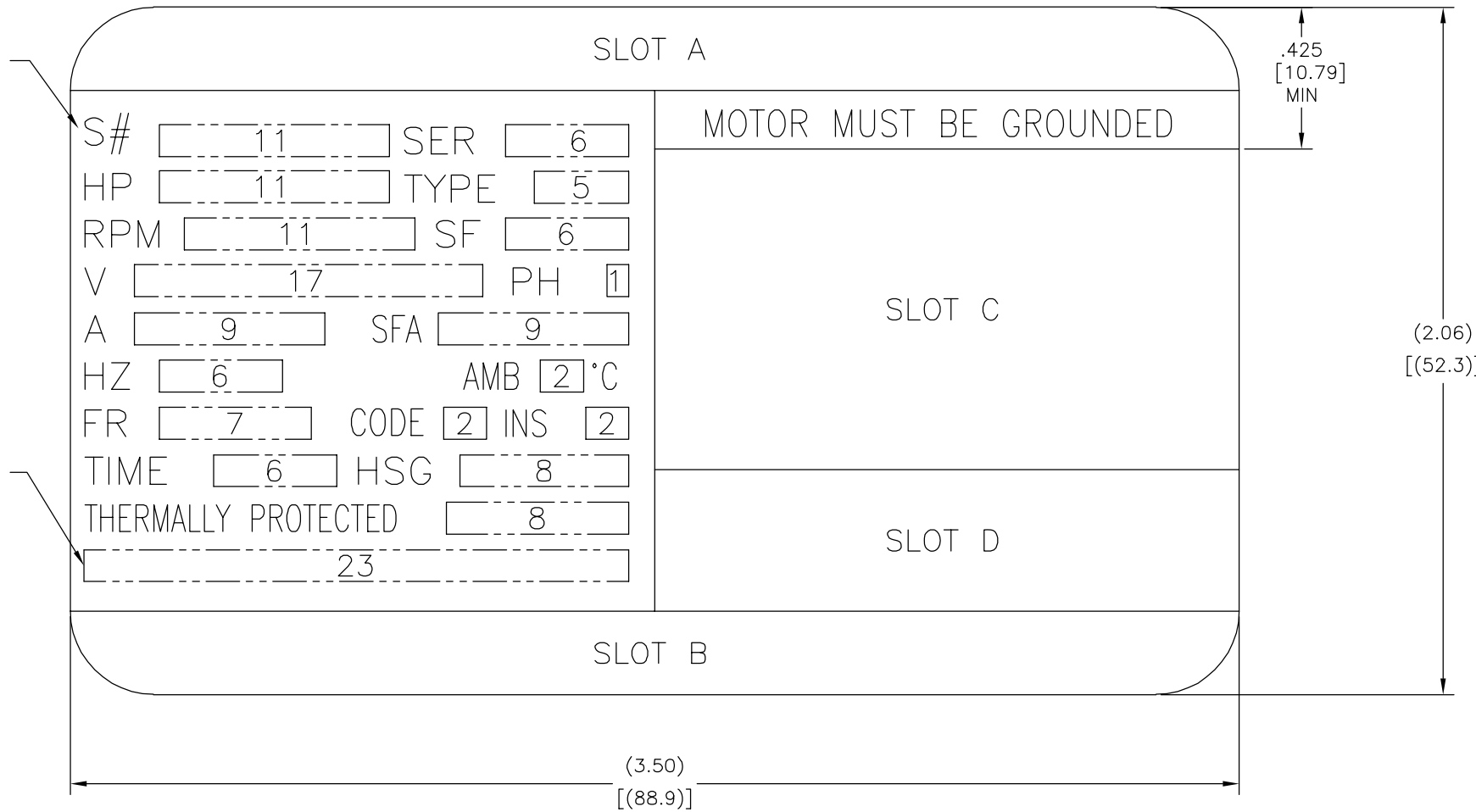
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版本	ECO	编制	日期	批准	日期
D	0027849	I.MATA	08-23-2012	D.BALDERRAMA	08-23-2012



S8115-006	
S8080-021	
S8079-017	

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 []
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绘图: SHANCKS	08-17-1995
批准:	
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比例 NONE	页号 1

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