

PRODUCT INFORMATION PACKET



Model No: C521
Catalog No: C521

General Purpose Farm Duty Motor, 1/2 HP, 1 Ph, 60 Hz, 115/208-230 V, 1800 RPM, J56 Frame, TEFC



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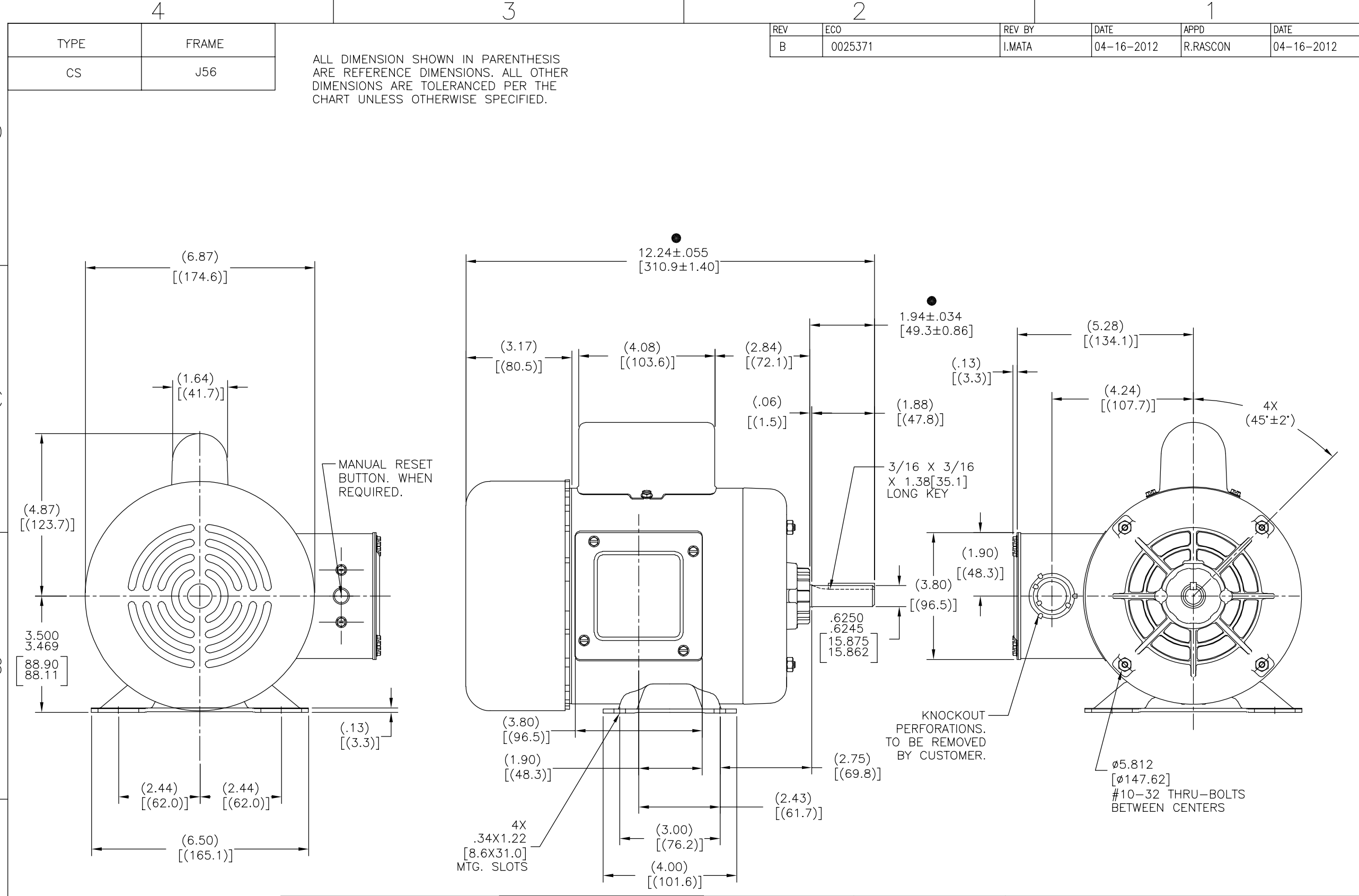
Nameplate Specifications

Output HP	1/2 Hp	Output KW	0.37 kW
Frequency	60 Hz	Voltage	115/208-230 V
Current	7.2/3.5-3.6 A	Speed	1725 rpm
Service Factor	1.15	Phase	1
Duty	Continuous	Insulation Class	A
Frame	J56	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Thermally Protected	Ambient Temperature	40 °C
UL	Recognized	CSA	Y
CE	N	Number of Speeds	1

Technical Specifications

Electrical Type	Capacitor Start, Induction Run, Single Or Dual Voltage	Starting Method	Across The Line
Poles	4	Rotation	Reversible Counterclockwise
Mounting	Rigid Base	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Keyed	Overall Length	12.24 in
Frame Length	5.13 in	Shaft Diameter	0.625 in
Shaft Extension	1.94 in		
Outline Drawing	C521-S01	Connection Drawing	17050307.PCX

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TYPE	FRAME
CS	J56

REV	ECO	REV BY	DATE	APPD	DATE
B	0025371	I.MATA	04-16-2012	R.RASCON	04-16-2012

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: ADRIAN DE LUNA 03-03-2011

APPD: SAMUEL JIMENEZ 03-03-2011

THIRD ANGLE PROJECTION

EDS DATE 11-11-2011
FORMAT REV G

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REGAL-BELOIT CORPORATION

DESCRIPTION: OUTLINE

SIZE: C DWG NO: C521

SCALE: NONE SHEET: 1

4

3

2

1

TIPO	CARCAZA
CS	J56

REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
B	0025371	I.MATA	04-16-2012	R.RASCON	04-16-2012

TODAS LAS DIMENSIONES MOSTRADAS ENTRE PARENTESIS SON DIMENSIONES DE REFERENCIA. TODAS LAS DEMAS DIMENSIONES MANEJAN UNA TOLERANCIA DE ACUARDO A LA TABLA A MENOS DE QUE SE ESPECIFIQUE OTRA COSA.

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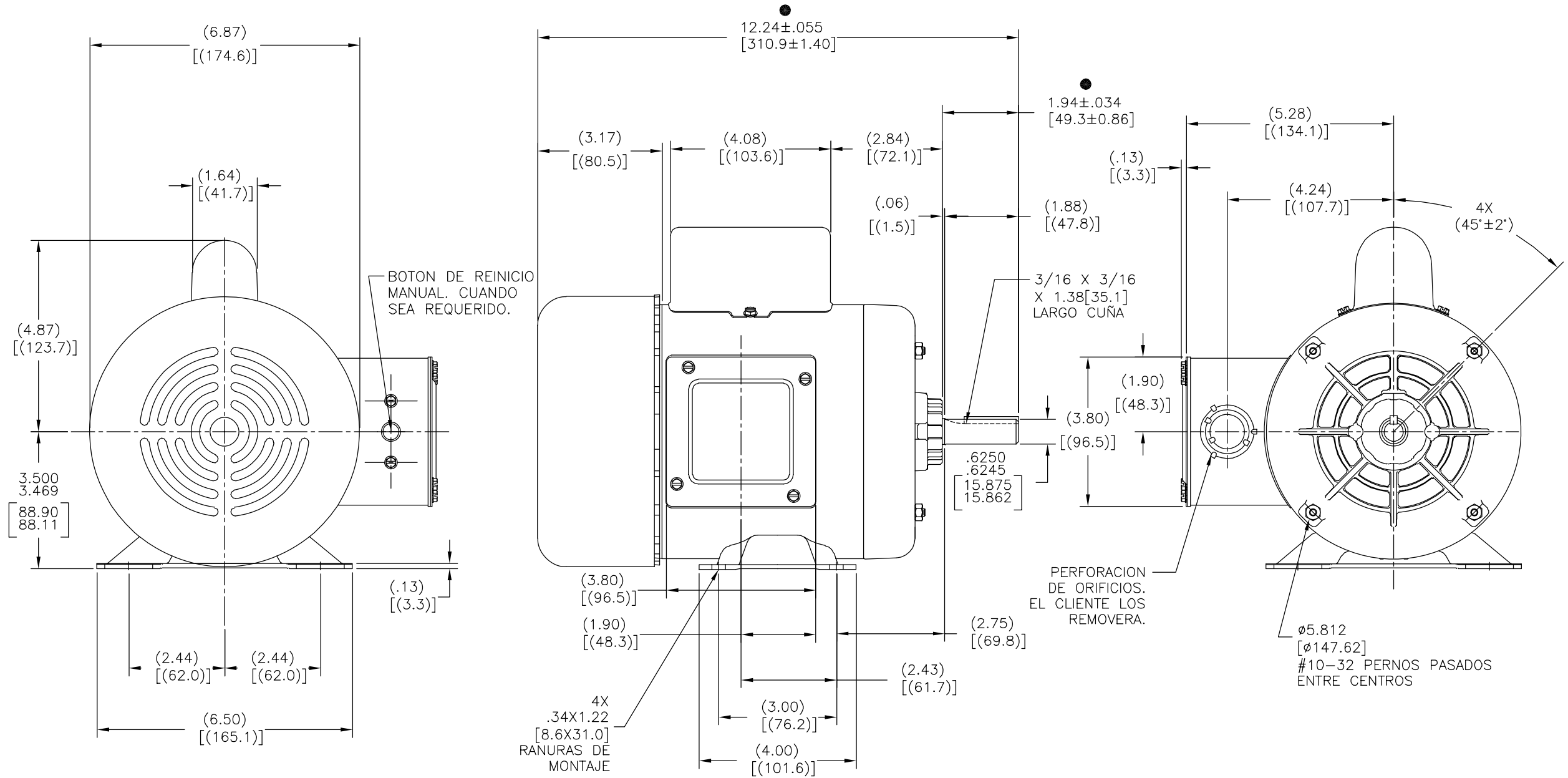
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B

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A

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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

ASME Y14.5M 1994

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 .32

DIMS METRICAS MOSTRADAS [PARENTESIS]

DIBUJADO POR:	ADRIAN DE LUNA	03-03-2011
APROBADO POR:	SAMUEL JIMENEZ	03-03-2011
TERCER ANGULO DE PROYECCION	⊕	FECHA EDS: 11-11-2011 REV. FORMATO: G

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DESCRIPCION: OUTLINE	
TAMAÑO: C	NUMERO DE DIBUJO: C521
ESCALA: NONE	HOJA: 1

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