

PRODUCT INFORMATION PACKET



Model No: C586
Catalog No: C586

E-PLUS ® General Purpose Motor, 3/4 HP, 1 Ph, 60 Hz, 208-230/115 V, 1800 RPM, K56 Frame, DP



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Nameplate Specifications

Output HP	3/4 Hp	Output KW	0.56 kW
Frequency	60 Hz	Voltage	208-230/115 V
Current	4.2-4.0/8.0 A	Speed	1725 rpm
Service Factor	1.25	Phase	1
Duty	Continuous	Insulation Class	B
Frame	K56	Enclosure	Drip Proof
Thermal Protection	Thermally Protected	Ambient Temperature	50 °C
UL	Recognized	CSA	Y
CE	N	Number of Speeds	1

Technical Specifications

Electrical Type	Capacitor Start, Capacitor Run, Low Starting Torque, Single Or Dual Voltage	Starting Method	Across The Line
Poles	4	Rotation	Reversible Clockwise
Mounting	Cushion Base	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Keyed	Overall Length	11.44 in
Frame Length	5.50 in	Shaft Diameter	0.625 in
Shaft Extension	1.94 in		
Outline Drawing	162089-S01	Connection Drawing	17050301.PCX

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REV	ECO	REV BY	DATE	APPD	DATE
H	0025372	E.SINECIO	04-13-2012	R.RASCON	04-13-2012

GROUP	FRAME	"C"	(BS)	(XA)	(XB)	(XG)	(XH)	(XL)	(XM)	(XN)	(XR)	(XT)	(XV)	(XX)
-01	M56	12.69	6.63	2.34	1.64	3.46	4.08	2.80	4.40	4.38	3.30	2.29	5.28	.75
-02	K56	11.44	5.38	2.34	1.64	3.21	4.08	2.80	4.40	4.38	3.30	2.04	5.28	.75
-03	J56	11.07	5.00	2.34	1.64	2.84	4.08	2.80	4.40	4.38	3.30	1.64	5.28	.75

NOTES:

- 1 PILOT DIAMETER IS CONCENTRIC WITH SHAFT CENTERLINE WITHIN .004 T.I.R.

2 FACE OF MOUNTING FLANGE IS PERPENDICULAR TO SHAFT CENTERLINE WITHIN .004 T.I.R.

3 SHAFT RUNOUT NOT TO EXCEED .002 T.I.R.

4 END PLAY NOT TO EXCEED .010 MEASURED WITH NO THRUST
- 5 ALL DIMENSIONS SHOWN IN PARENTHESIS ARE REFERENCE DIMENSIONS. ALL OTHER DIMENSIONS ARE TOLERANCED PER THE FOLLOWING CHART UNLESS OTHERWISE SPECIFIED.

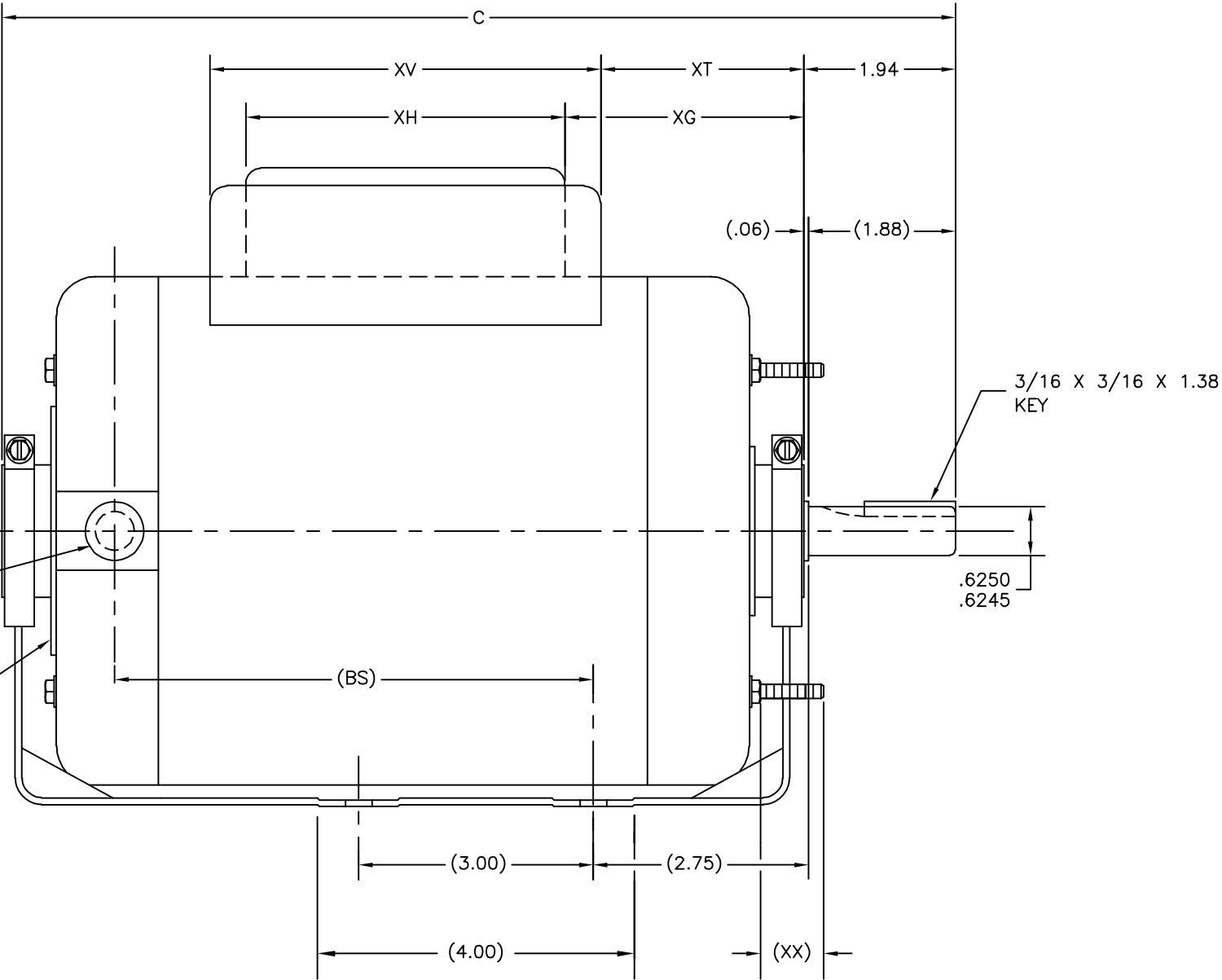
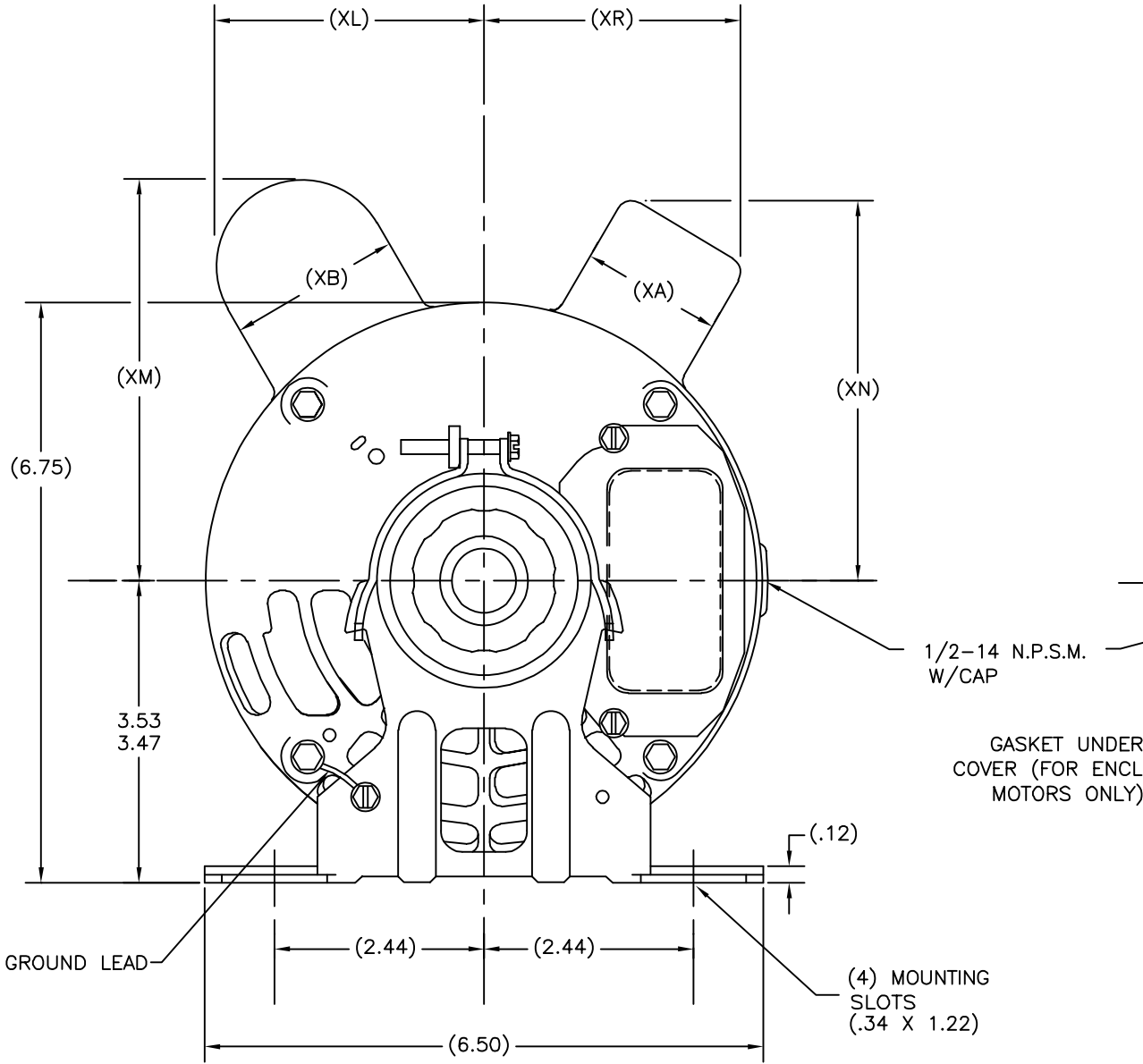
"C" DIM. = +/- .055

SHAFT EXT. = +/- .034

LEAD LENGTHS = +/- 1.00

EXTENDED THRU-BOLTS = +/- .050

ANGULAR DIMS. = +/- 2 DEGS.



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 ±.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

DR BY:

APPD:

THIRD ANGLE PROJECTION

EDS DATE 02-22-2008
FORMAT REV G

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DESCRIPTION	
MODEL-CFHP-56FR OUTLINE	
SIZE	DWG NO
D	162089
SCALE	SHEET
NONE	1

REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
H	0025372	E.SINECIO	04-13-2012	R.RASCON	04-13-2012

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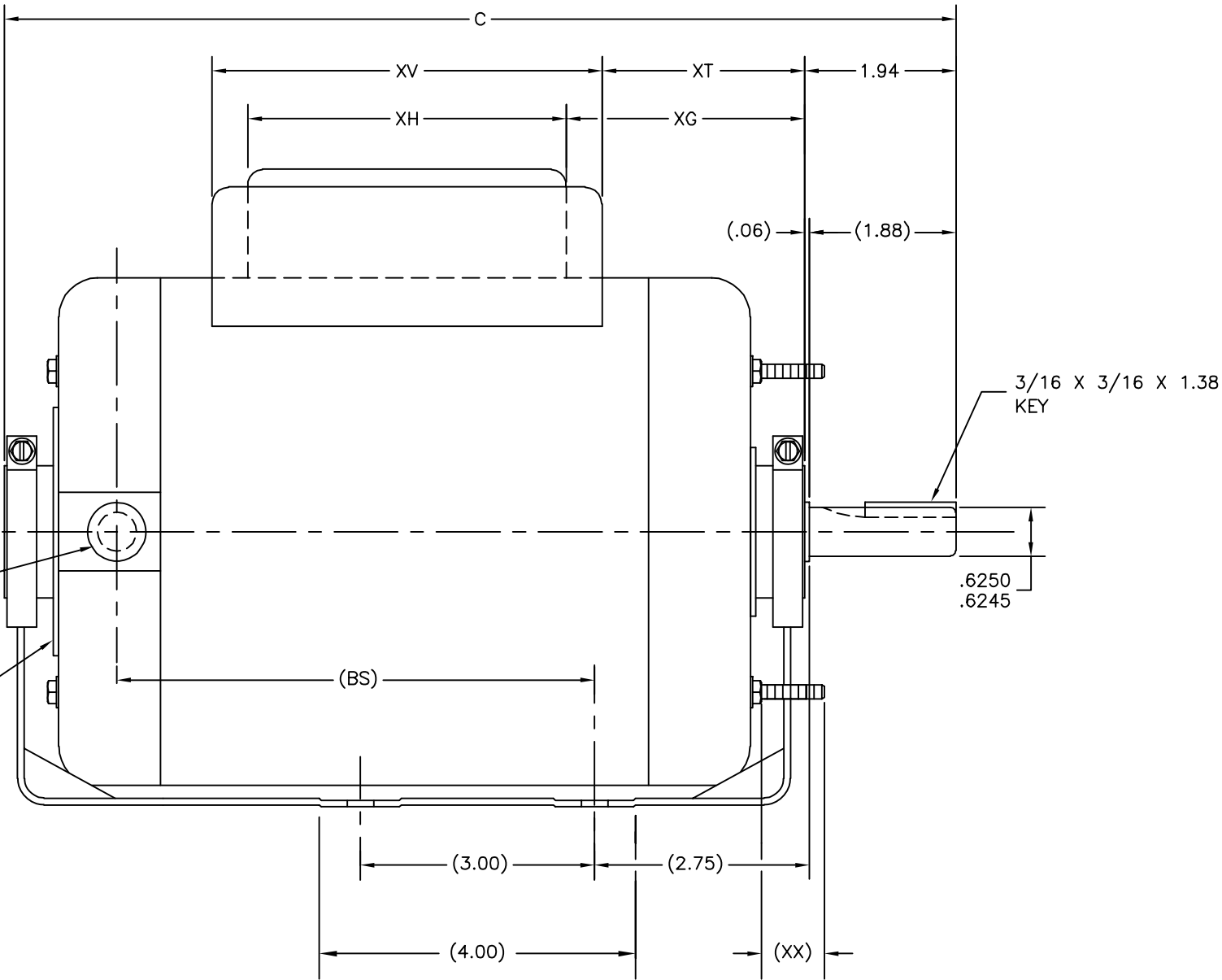
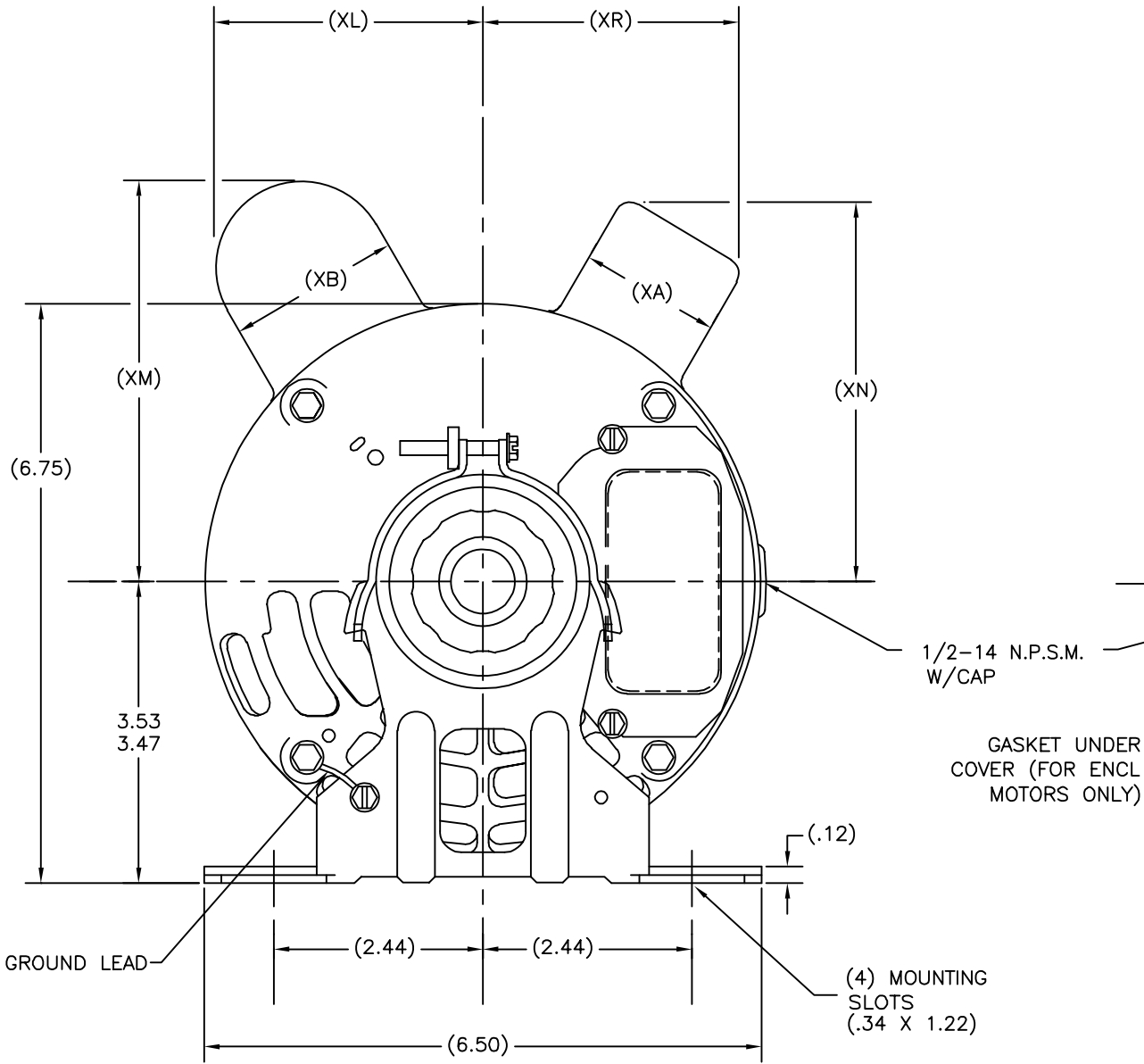
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CARACTERÍSTICAS DE GEOMETRÍA Y SIMBOLOS

- 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 3.2

DIMS METRICAS MOSTRADAS [PARENTESIS]

DIBUJADO POR:

APROBADO POR:

TERCER ANGULO DE PROYECCION

FECHA EDS: 02-22-2008

REV. FORMATO: G

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DESCRIPCION: MODEL-CFHP-56FR OUTLINE

TAMAÑO: D NUMERO DE DIBUJO: 162089

ESCALA: NONE

HOJA: 1

版本	ECO	编制	日期	批准	日期
H	0025372	E.SINECIO	04-13-2012	R.RASCON	04-13-2012

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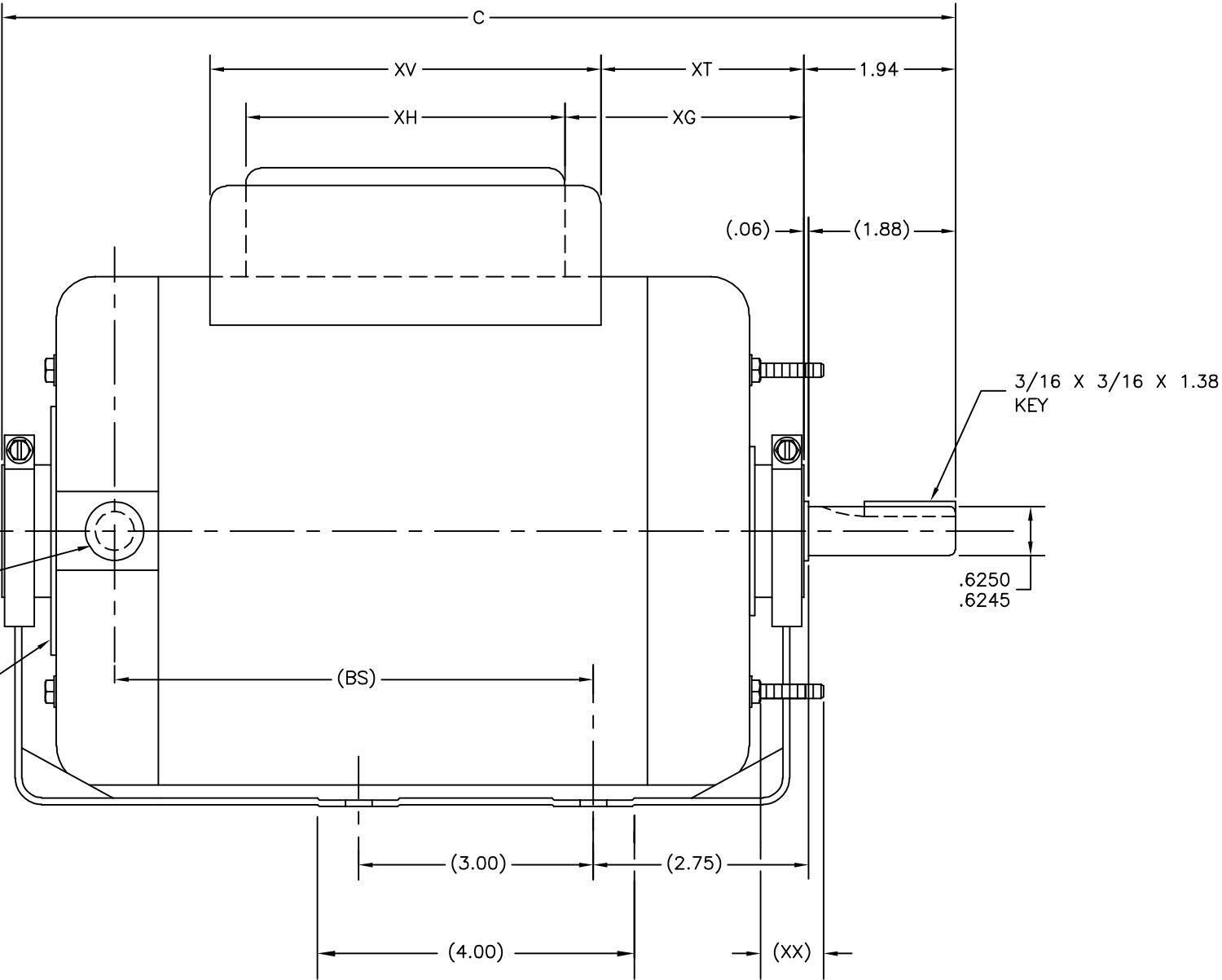
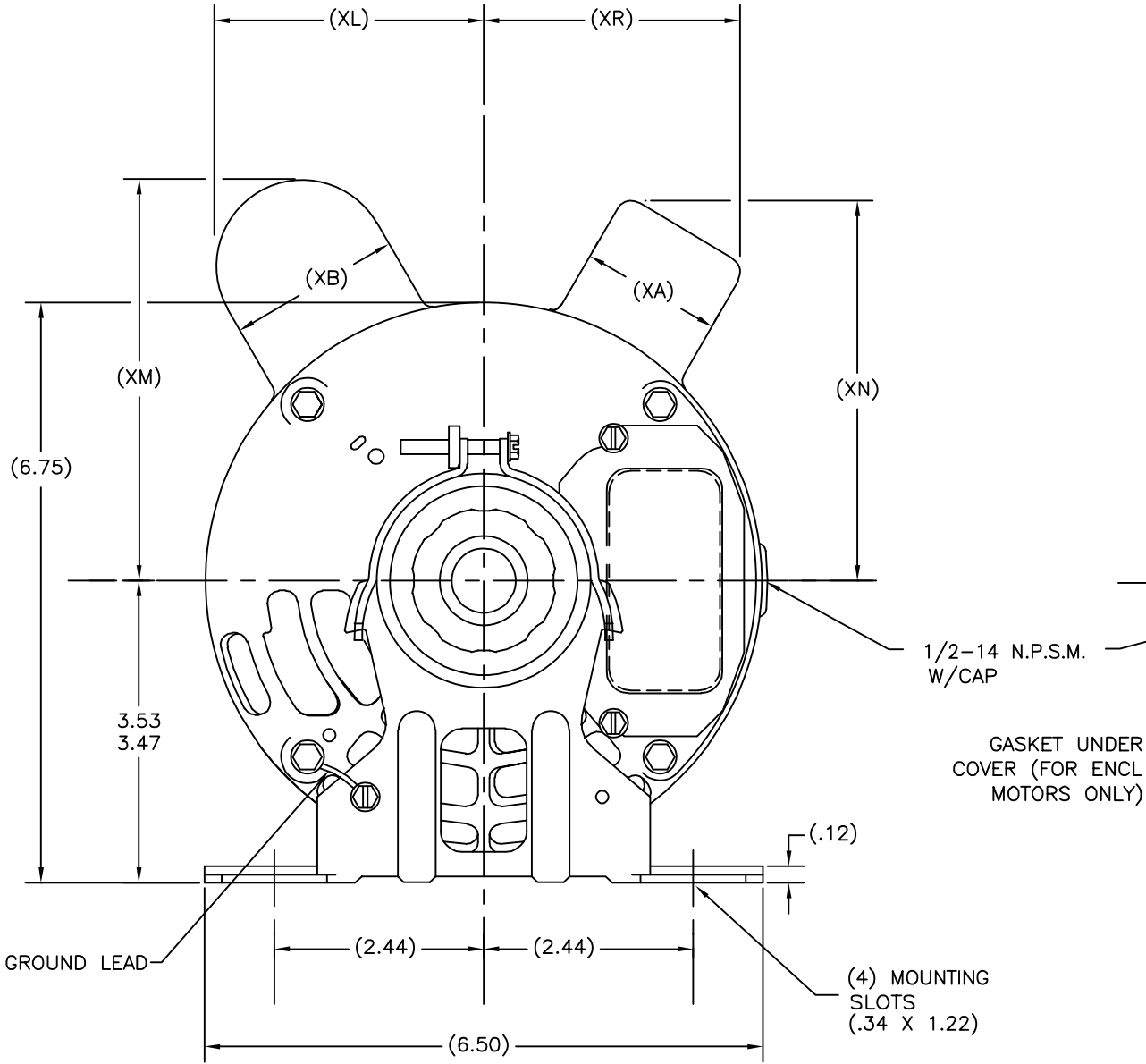
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形位公差
— 平面度
— 直线度
— 倾斜度
— 垂直度
— 平行度
— 圆度
— 圆柱度
— 面轮廓度
— 线轮廓度
— 圆跳动
— 位置度
— 同轴度
— 对称度

除另有注明 尺寸公差如下:
英寸 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:	
批准:	
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名称		MODEL-CFHP-56FR OUTLINE	
图幅	D	图号	162089
比例	NONE	页号	1