

PRODUCT INFORMATION PACKET

Model No: C588

Catalog No: C588

Belt Drive Fan Motor, 1/2 HP, 1 Ph, 60 Hz, 115/230 V, 1800 RPM, K56 Frame, TEAO



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Nameplate Specifications

Output HP	1/2 Hp	Output KW	0.37 kW
Frequency	60 Hz	Voltage	115/230 V
Current	6.4/3.2 A	Speed	1725 rpm
Service Factor	1	Phase	1
Duty	Continuous	Insulation Class	B
Frame	K56	Enclosure	Totally Enclosed Air Over
Thermal Protection	Thermally Protected	Ambient Temperature	40 °C
UL	Recognized	CSA	Y
CE	N	Number of Speeds	2-2-VT

Technical Specifications

Electrical Type	Capacitor Start, Capacitor Run, 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	11.45 in
Frame Length	5.50 in	Shaft Diameter	0.625 in
Shaft Extension	1.94 in		
Outline Drawing	154759-S01	Connection Drawing	17050321.PCX

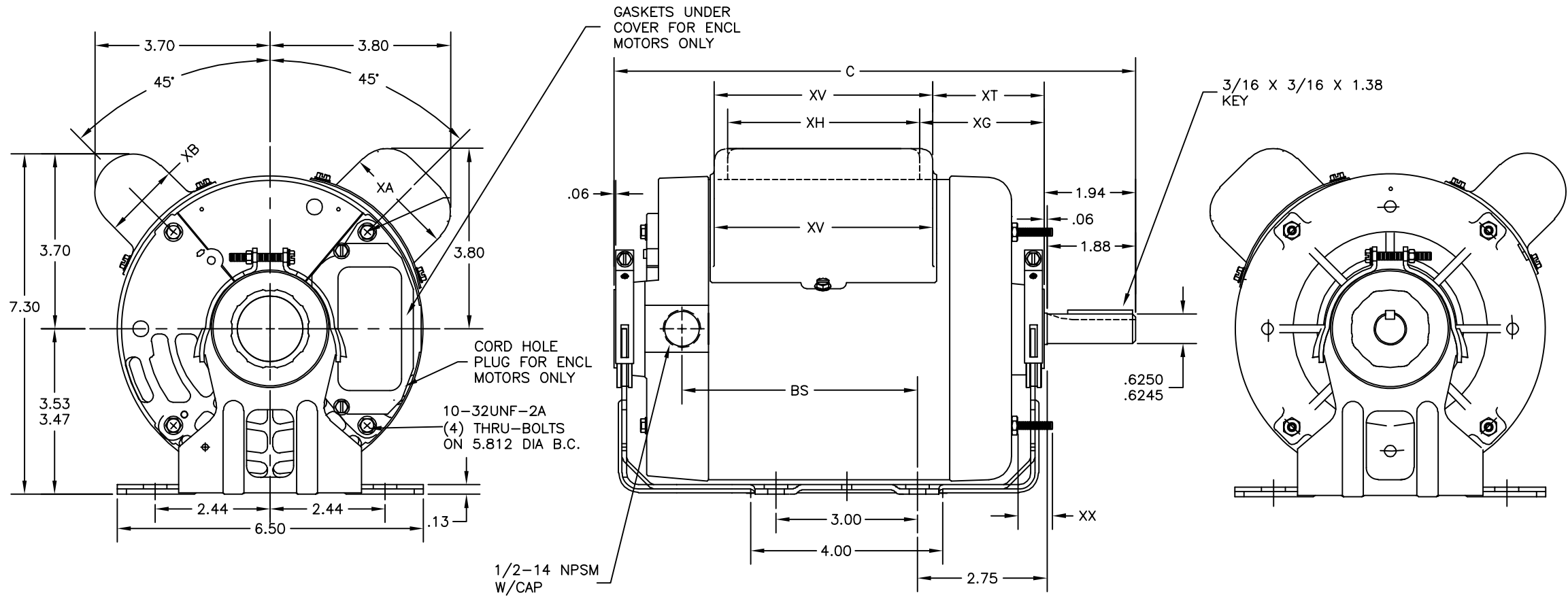
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REV	ECO	REV BY	DATE	APPD	DATE
E	0025372	E.SINECIO	04-13-2012	R.RASCON	04-13-2012

		REFERENCE								
GRP.	TYPE	FRAME	C	BS	XA	XB	XG	XH	XT	XV
01	CP	K56	11.45	5.38	2.34	1.64	2.96	4.08	2.68	4.64
02	CP	L56	12.20	6.13	2.34	1.64	3.71	4.08	3.43	4.64

NOTES
(1) ALL DIMENSIONS SHOWN IN PARENTHESIS ARE REFERENCE DIMENSIONS. ALL OTHER DIMENSIONS ARE TOLEANCED PER THE FOLLOWING CHART UNLESS OTHERWISE SPECIFIED.

"C" DIMENSION = +/- .055
SHAFT EXTENSION = +/- .034
LEAD LENGTHS = +/- 1.00
EXTENDED THRU-BOLTS = +/- .050



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 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: BDW 11-15-1978
APPD: OR 11-16-1978
THIRD ANGLE PROJECTION
EDS DATE 02-22-2008
FORMAT REV G
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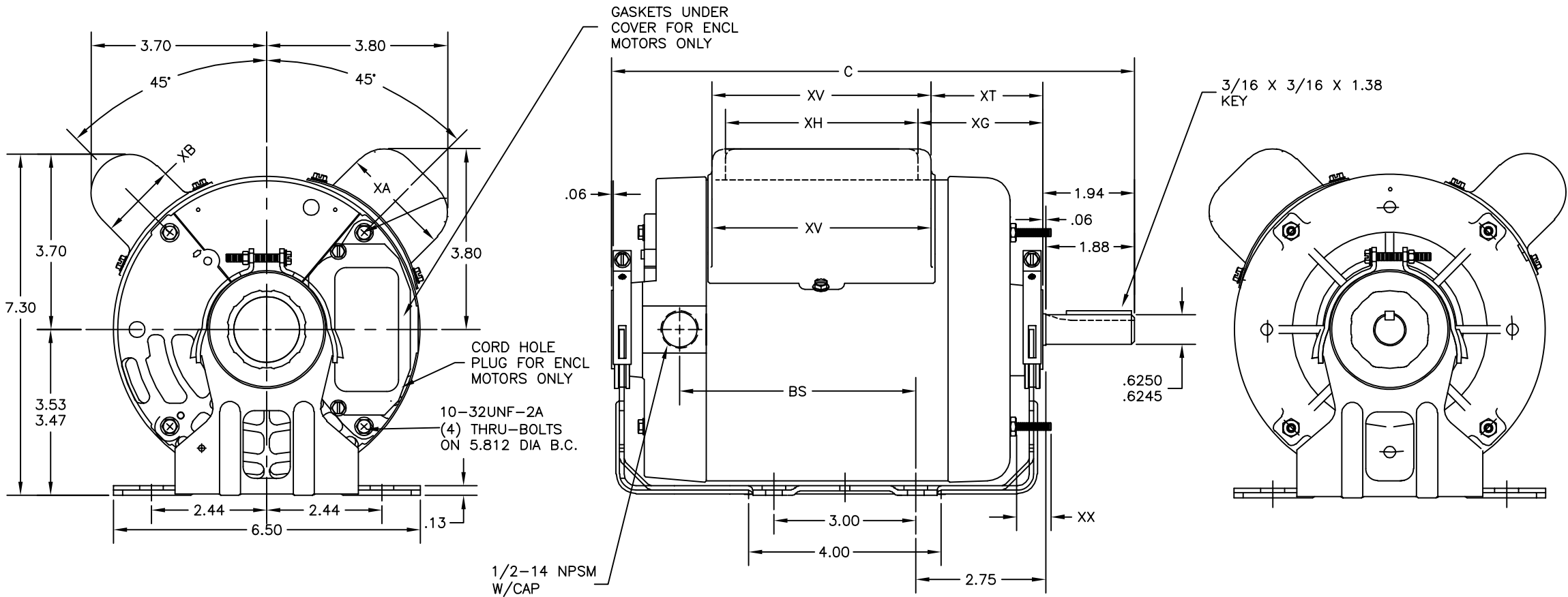
DESCRIPTION
MODEL-CFHP-56FR
OUTLINE
SIZE C DWG NO 154759
SCALE NONE SHEET 1

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

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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:
X XX XXX XXXX
PULG ±.1 ±.02 ±.005 ±.0005
mm ±0.5 ±0.13 ±0.013
ANG. ±.50 GRADOS
ELIMINAR REBABS 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: BDW 11-15-1978
APROBADO POR: OR 11-16-1978
TERCER ANGULO DE PROYECCION
FECHA EDS: 02-22-2008
REV. FORMATO: G
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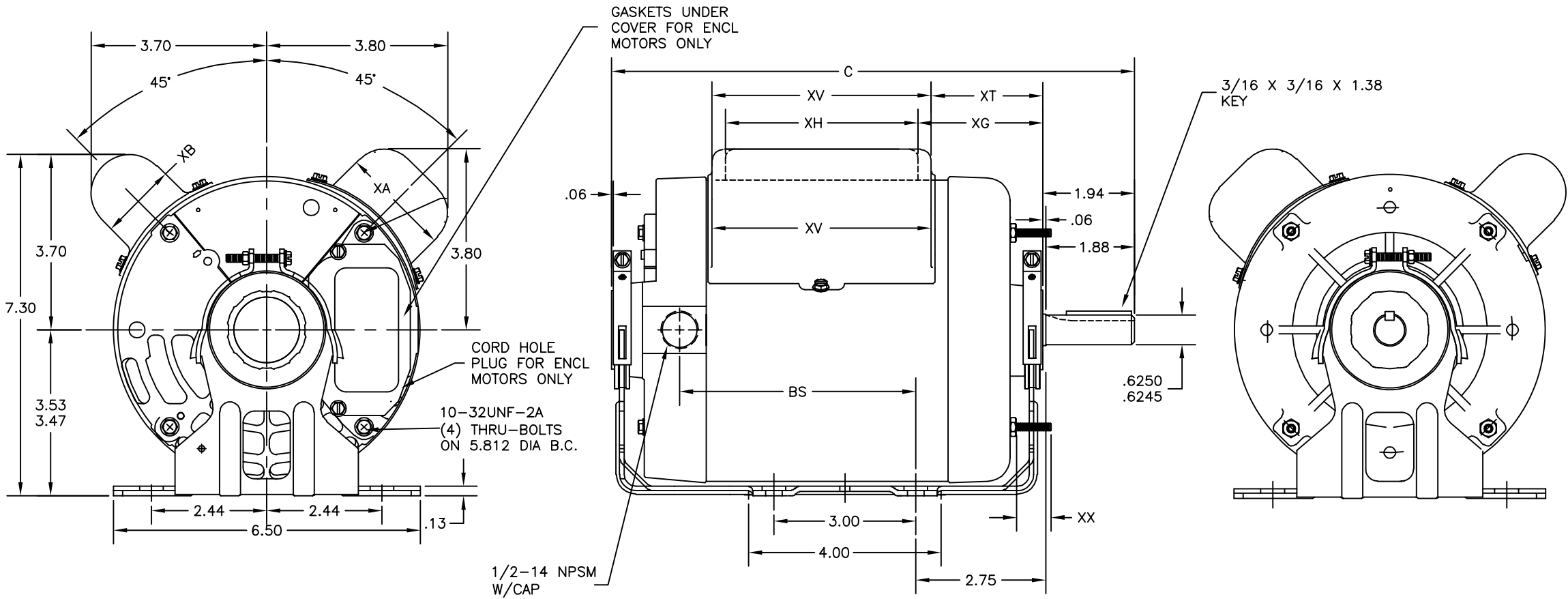
REGAL-BELOIT CORPORATION
DESCRIPCION: MODEL-CFHP-56FR OUTLINE
TAMAÑO: C NUMERO DE DIBUJO: 154759
ESCALA: NONE HOJA: 1

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

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SHAFT EXTENSION = +/- .034
LEAD LENGTHS = +/- 1.00
EXTENDED THRU-BOLTS = +/- .050



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
毫米 ±.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

绘图:	BDW	11-15-1978
批准:	OR	11-16-1978
第三角投影	⊕	图纸格式发布日期 02-22-2008 图纸格式版本 G
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名称	
MODEL-CFHP-56FR OUTLINE	
图幅	图号
C	154759
比例	NONE
页号	1