

# PRODUCT INFORMATION PACKET



Model No: F432  
Catalog No: F432

General Purpose Motor, 1/2-1/4 HP, 1 Ph, 60 Hz, 115 V, 1800 RPM, 56 Frame, ODP



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**Nameplate Specifications**

Phase	1	Output HP	1/2-1/4 Hp
Output KW	0.37 kW	Voltage	115 V
Speed	1725/1140 rpm	Service Factor	1
Frame	56	Enclosure	Open Drip Proof
Thermal Protection	No Protection	Ambient Temperature	40 °C
Frequency	60 Hz	Current	8.5/5.6 A
Duty	Continuous	Insulation Class	B
UL	Recognized	CSA	Y
CE	N	Number of Speeds	2

**Technical Specifications**

Electrical Type	Split Phase, Induction Run, Multi-Speed	Starting Method	Across The Line
Poles	4/6	Rotation	Clockwise/Counterclockwise
Mounting	Resilient Base	Drive End Bearing	Sleeve
Opp Drive End Bearing	Sleeve	Frame Material	Rolled Steel
Shaft Type	Keyed	Overall Length	11.44 in
Frame Length	5.63 in	Shaft Diameter	0.625 in
Shaft Extension	1.94 in		
Outline Drawing	F432-S01	Connection Drawing	624000-C113

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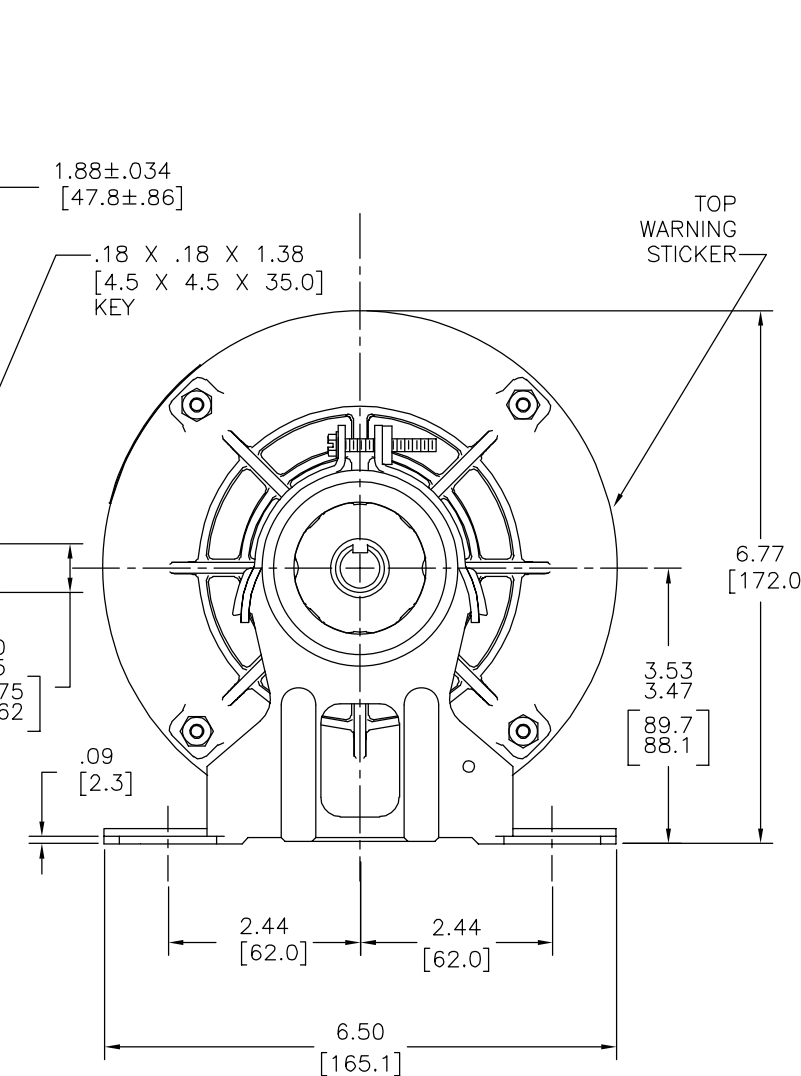
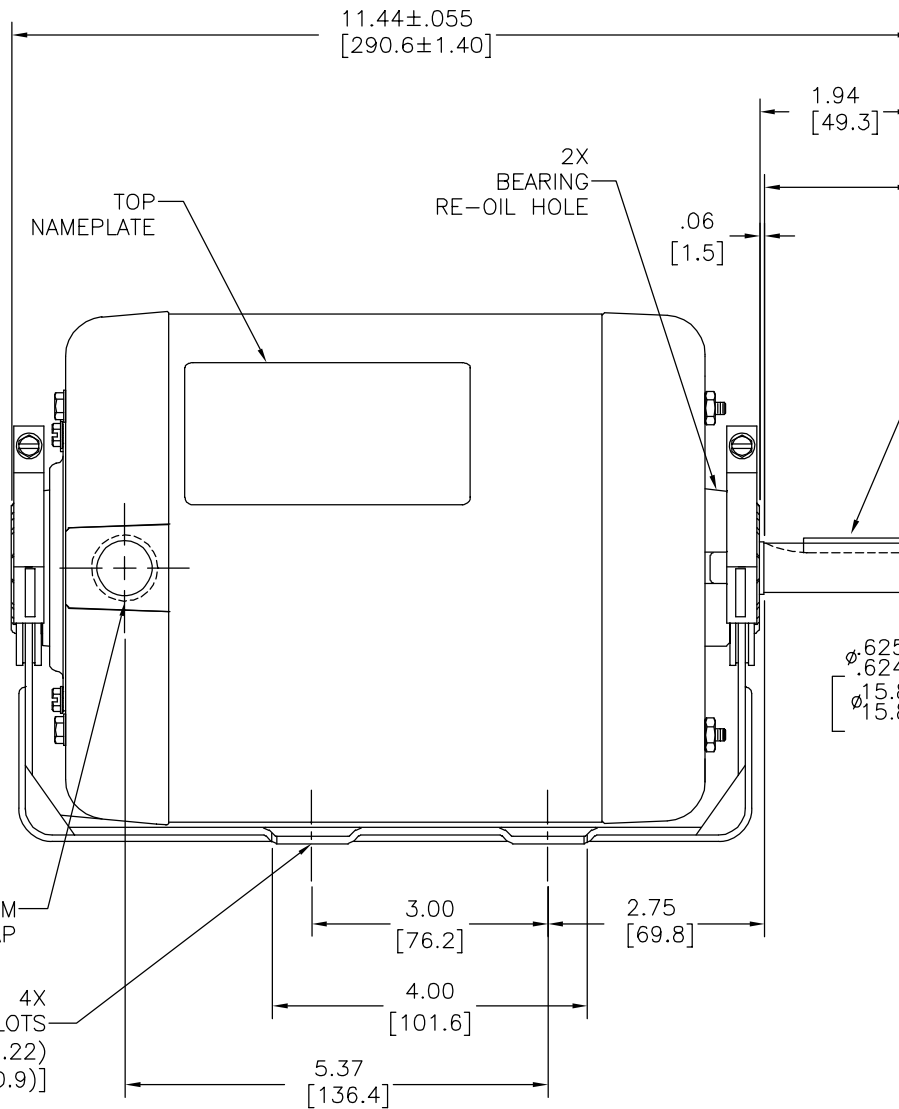
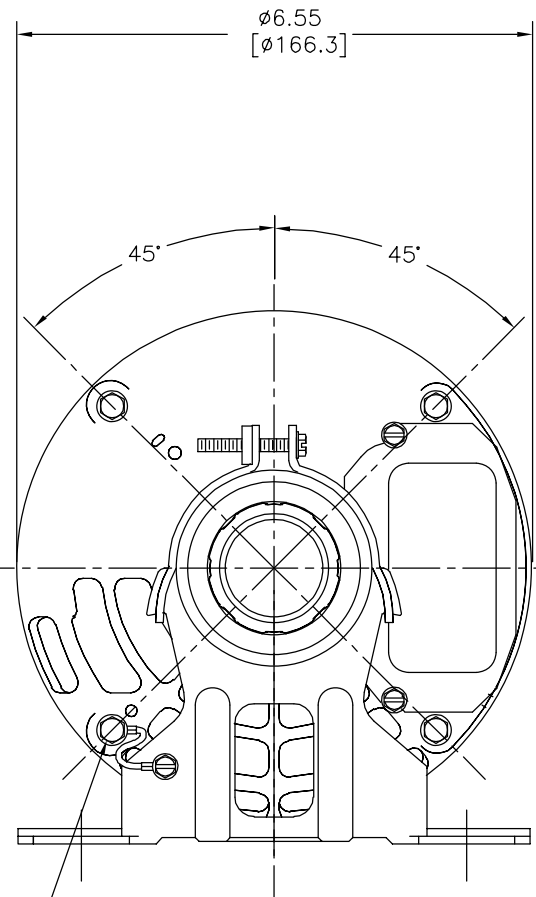
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ALL DIMENSIONS SHOWN IN PARENTHESIS ARE REFERENCE DIMENSIONS.

REV	ECO	REV BY	DATE	APPD	DATE
A	0029597	J.ZHU	12-13-2012	C.ZHOU	12-13-2012



10-32 UNF-2A THRU-BOLTS ON A ( $\phi 5.812$ ) [ $\phi 147.62$ ]

1/2-14 NPSM WITH CAP  
4X MOUNTING SLOTS (.34 X 1.22) [(8.6 X 30.9)]

MODEL NUMBER	PERFORMANCE CURVE#
F432	C27127

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	±0.1	±0.02	±0.005	±0.0005
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: J.ZHU 12-13-2012

APPD: C.ZHOU 12-13-2012

THIRD ANGLE PROJECTION

EDS DATE 11-11-2011  
FORMAT REV H

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**REGAL** REGAL-BELOIT CORPORATION

DESCRIPTION: MODEL-CFHP-56FR OUTLINE

SIZE C DWG NO F432

SCALE NONE SHEET 1

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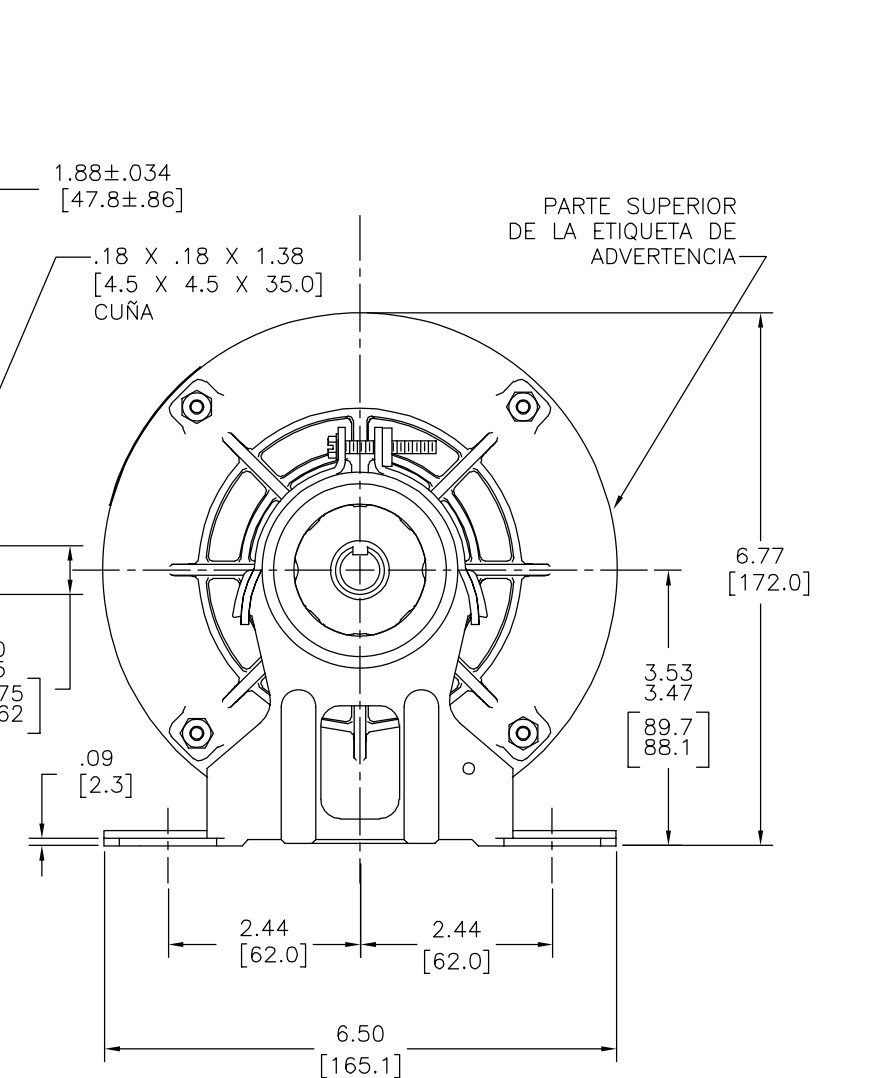
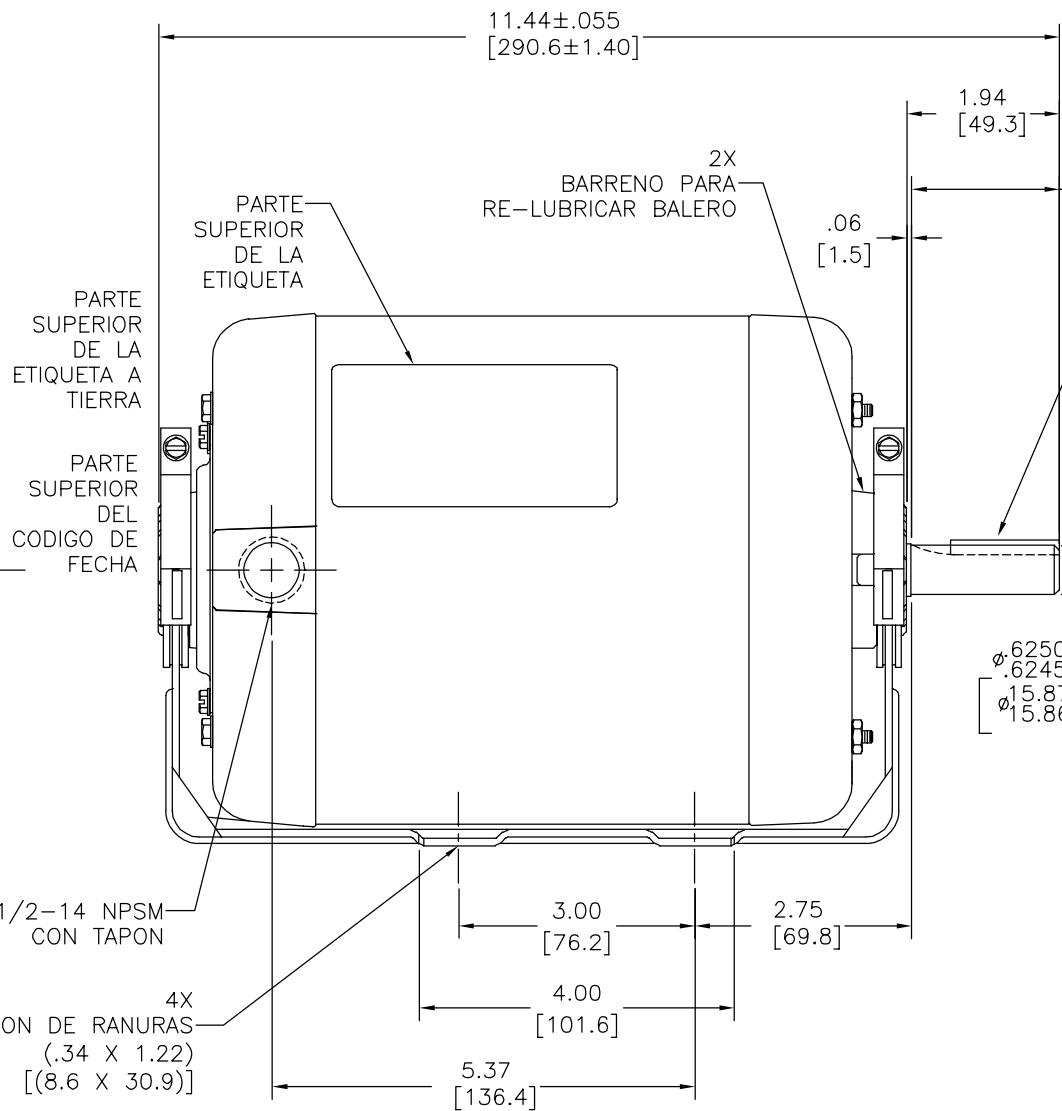
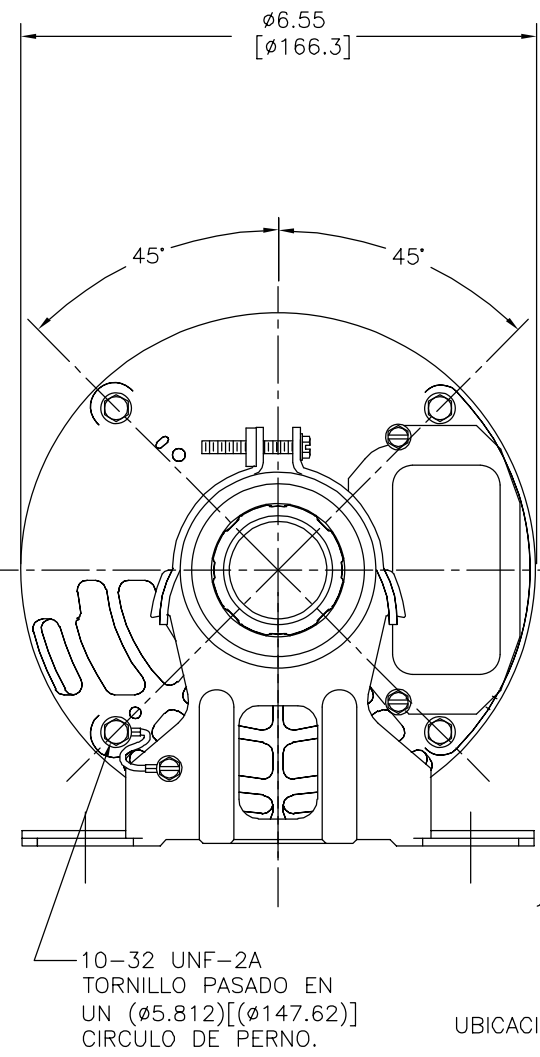
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TODAS LAS DIMENSIONES MOSTRADAS EN PARENTESIS SON DIMENSIONES DE REFERENCIA.

REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
A	0029597	J.ZHU	12-13-2012	C.ZHOU	12-13-2012



NUMERO DE MODELO	NUM. DE CURVA DE DESEMPEÑO
F432	C27127

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 3.2

DIMS METRICAS MOSTRADAS [PARENTESIS]

DIBUJADO POR:	J.ZHU	12-13-2012
APROBADO POR:	C.ZHOU	12-13-2012
TERCER ANGULO DE PROYECCION	⊕	FECHA EDS: 11-11-2011 REV. FORMATO: H

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**REGAL REGAL-BELOIT CORPORATION**

DESCRIPCION: MODEL-CFHP-56FR OUTLINE

TAMAÑO: C NUMERO DE DIBUJO: F432

ESCALA: NONE HOJA: 1

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