

PRODUCT INFORMATION PACKET



Model No: C867
Catalog No: C867

General Purpose Motor, 1/3 HP, 1 Ph, 60 Hz, 115/230 V, 1800 RPM, 56 Frame, TEFC



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Nameplate Specifications

Phase	1	Output HP	1/3 Hp
Output KW	0.25 kW	Voltage	115/230 V
Speed	1725 rpm	Service Factor	1
Frame	56	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Automatic	Ambient Temperature	40 °C
Frequency	60 Hz	Current	5.6/2.8 A
Duty	Continuous	Insulation Class	B
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	Clockwise/Counterclockwise
Mounting	Resilient Base	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Keyed	Overall Length	12.24 in
Frame Length	5.25 in	Shaft Diameter	0.625 in
Shaft Extension	1.88 in		
Outline Drawing	C867-S01	Connection Drawing	624000-C107

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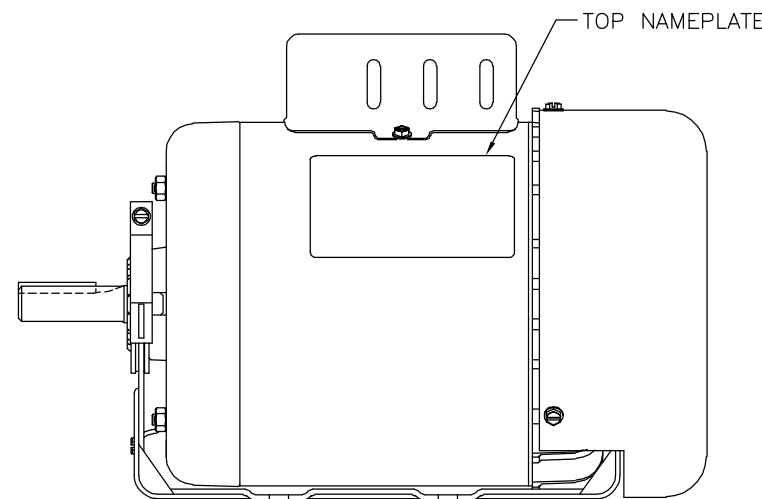
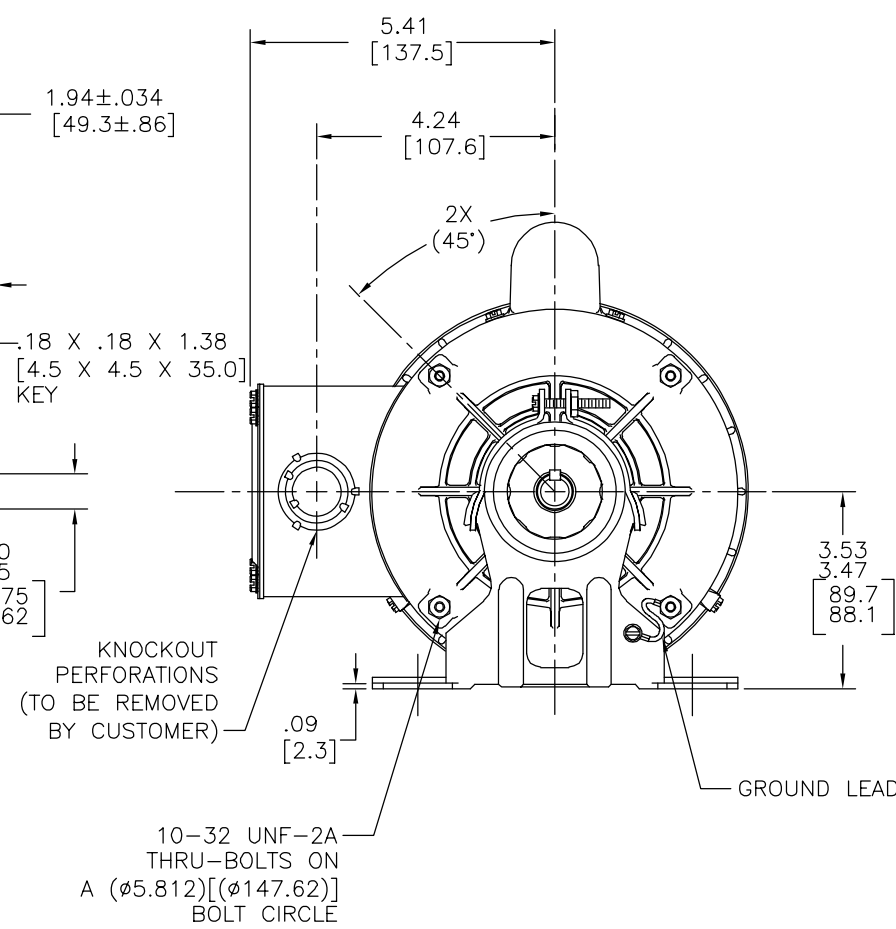
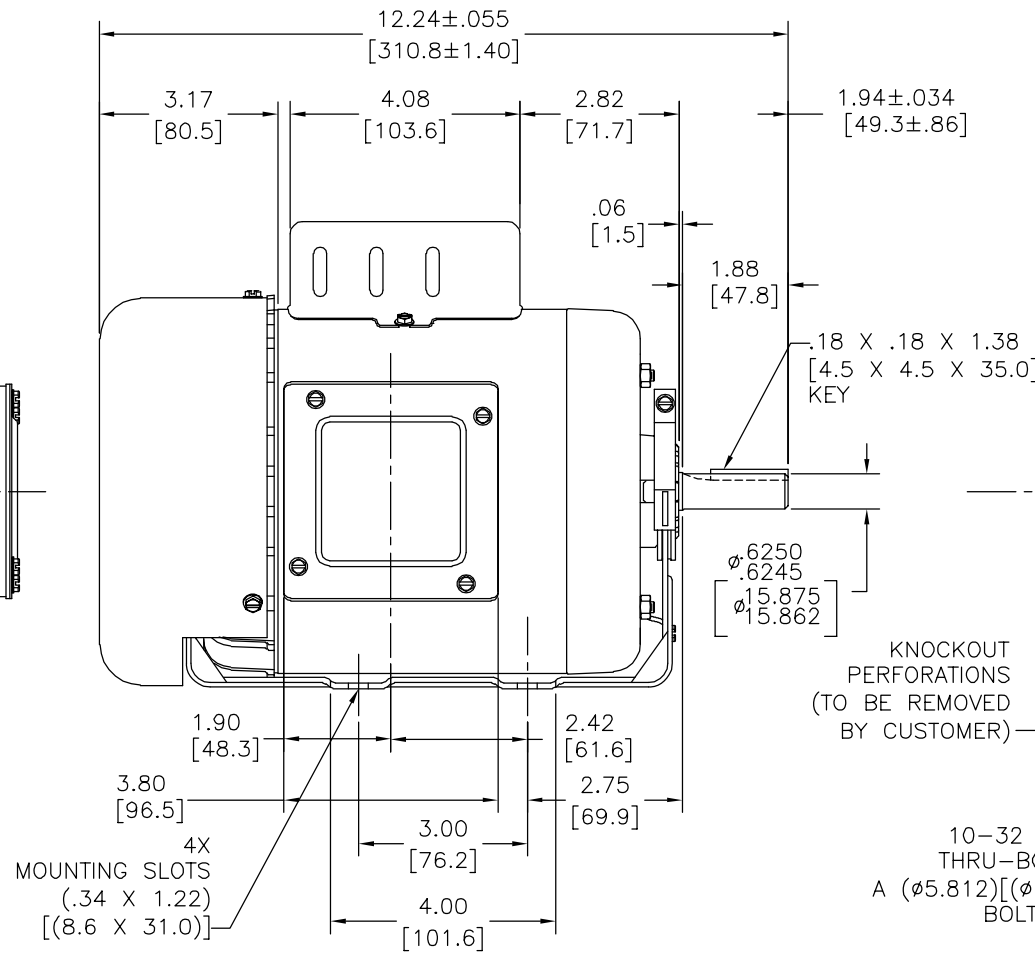
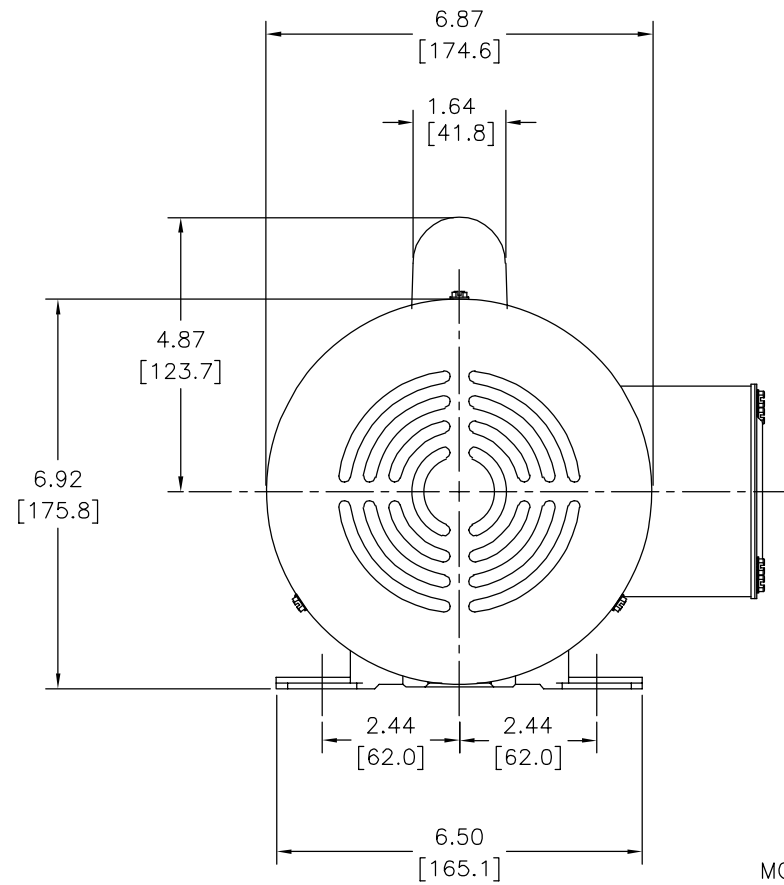
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REV	ECO	REV BY	DATE	APPD	DATE
A	0029591	R.ZHOU	12-14-2012	K.GONG	12-14-2012

ALL DIMENSIONS SHOWN IN PARENTHESIS ARE REFERENCE DIMENSIONS.



PERFORMANCE CURVE#
C27038

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
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:	R.ZHOU	12-14-2012
APPD:	K.GONG	12-14-2012
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	DWG NO
C	C867
SCALE	SHEET
NONE	1

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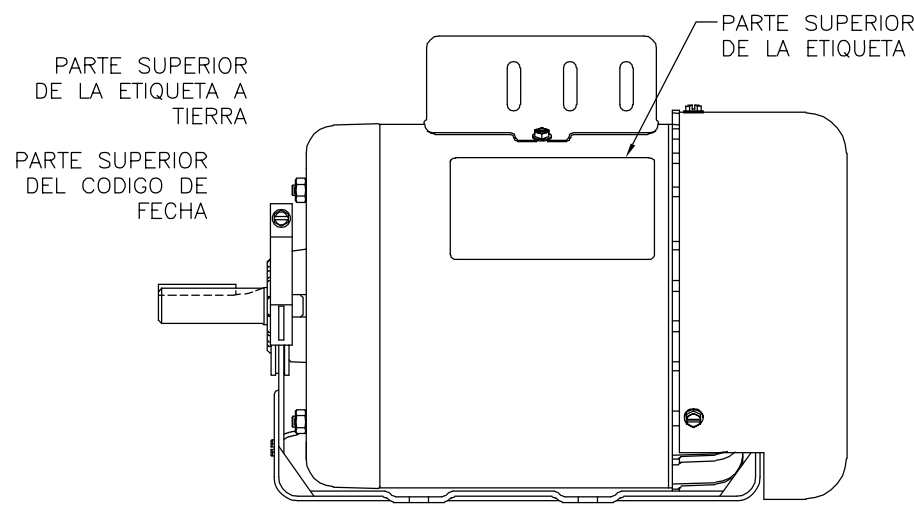
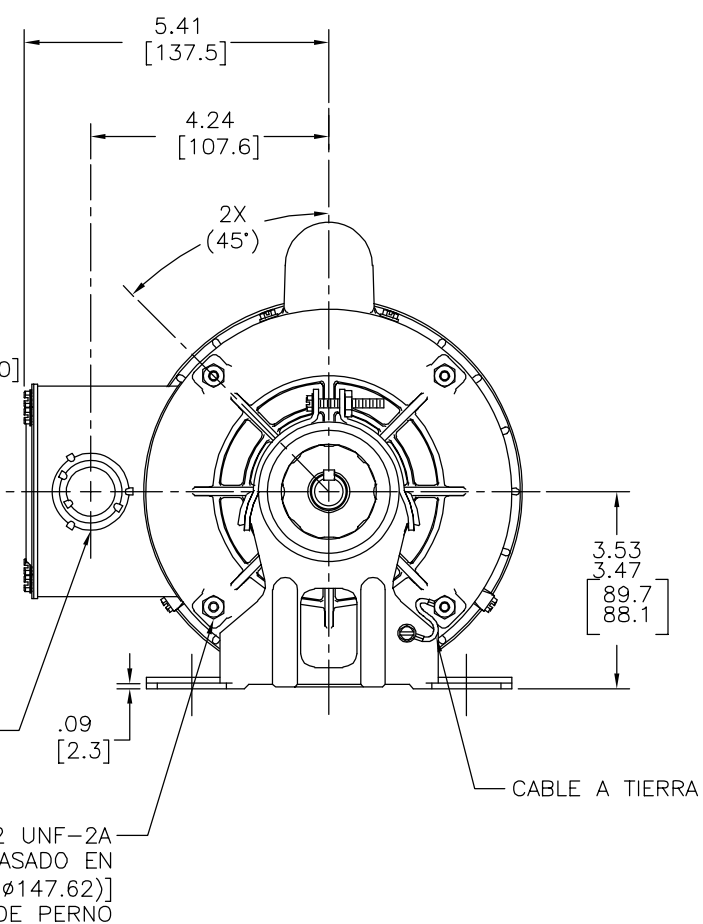
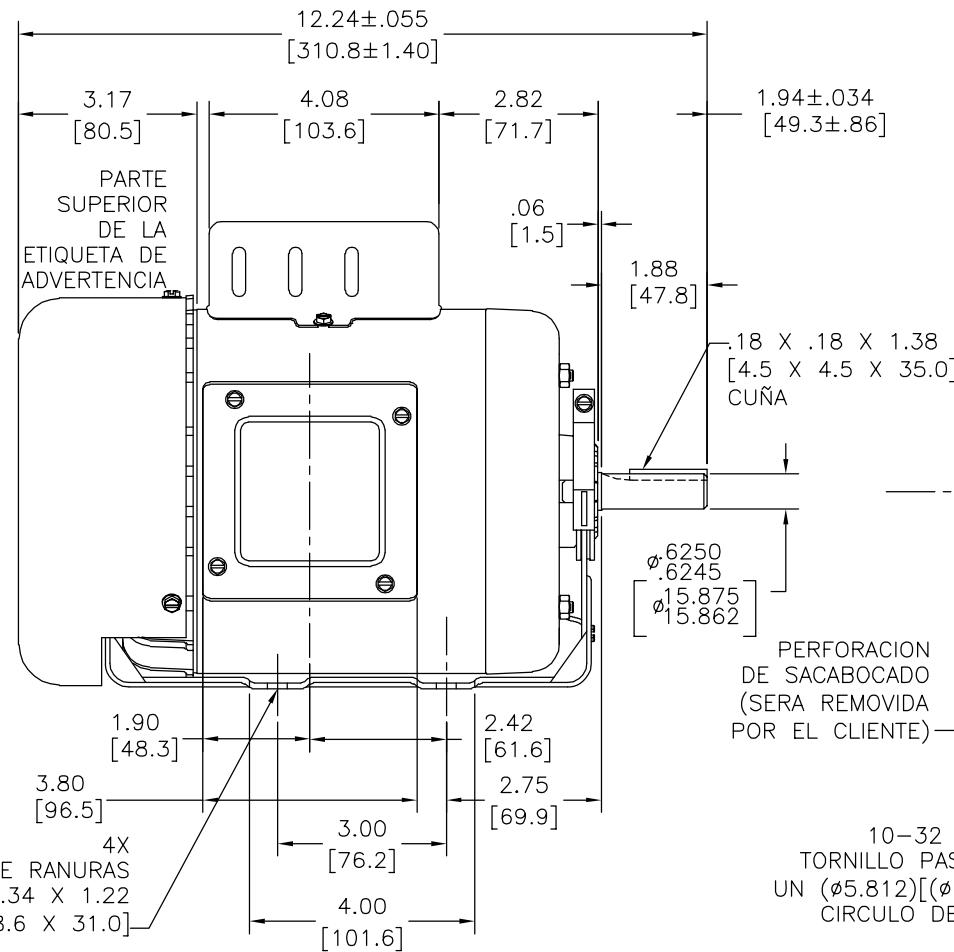
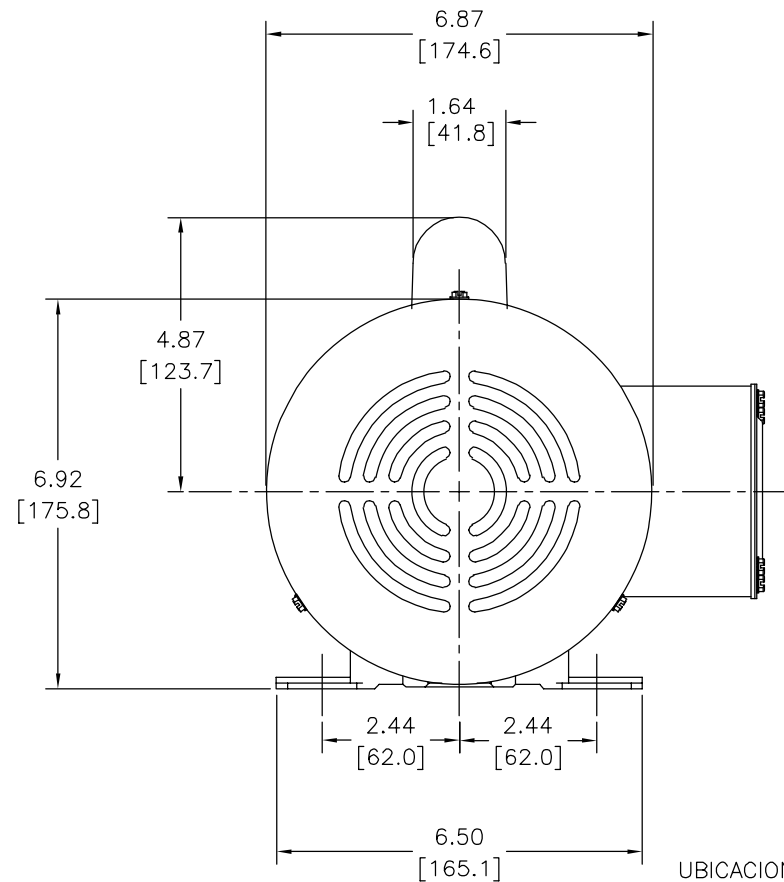
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REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
A	0029591	R.ZHOU	12-14-2012	K.GONG	12-14-2012

TODAS LAS DIMENSIONES MOSTRADAS EN PARENTESIS SON DIMENSIONES DE REFERENCIA.



PRIMER MOTOR DE REFERENCIA	CURVA DE DESEMPEÑO#
	C27038

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:	R.ZHOU	12-14-2012
APROBADO POR:	K.GONG	12-14-2012
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: C867
ESCALA: NONE	HOJA: 1

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