

PRODUCT INFORMATION PACKET



Model No: K302CM2

Catalog No: K302CM2

Farm Rated® General Purpose Farm Duty Motor, 10.0 HP, 1 Ph, 60 Hz, 230 V, 1800 RPM, F215TC Frame, TEFC



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Nameplate Specifications

Output HP	10.0 Hp	Output KW	7.5 kW
Frequency	60 Hz	Voltage	230 V
Current	39.0 A	Speed	1730 rpm
Service Factor	1	Phase	1
Duty	Continuous	Insulation Class	F
Frame	F215TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Manual	Ambient Temperature	40 °C
UL	Recognized	CSA	Y
CE	N		

Technical Specifications

Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Mounting	Rigid Base	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Aluminium
Shaft Type	Keyed	Overall Length	19.86 in
Frame Length	9.00 in	Shaft Diameter	1.375 in
Shaft Extension	3.12 in		
Outline Drawing	K302CM2-S01	Connection Drawing	33575301.PCX

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REV	ECO	REV BY	DATE	APPD	DATE
A	0030044	I.LOPEZ	01-28-2013	H.SANCHEZ	01-28-2013

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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 ±.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:

I.LOPEZ

01-28-2013

APPD:

D.JAMORA

01-28-2013

THIRD ANGLE PROJECTION



EDS DATE 11-11-2011

FORMAT REV H

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REGAL-BELOIT CORPORATION

DESCRIPTION

MODEL-IHP
OUTLINE

SIZE

C

DWG NO

K302CM2

SCALE

NONE

SHEET

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REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
A	0030044	I.LOPEZ	01-28-2013	H.SANCHEZ	01-28-2013

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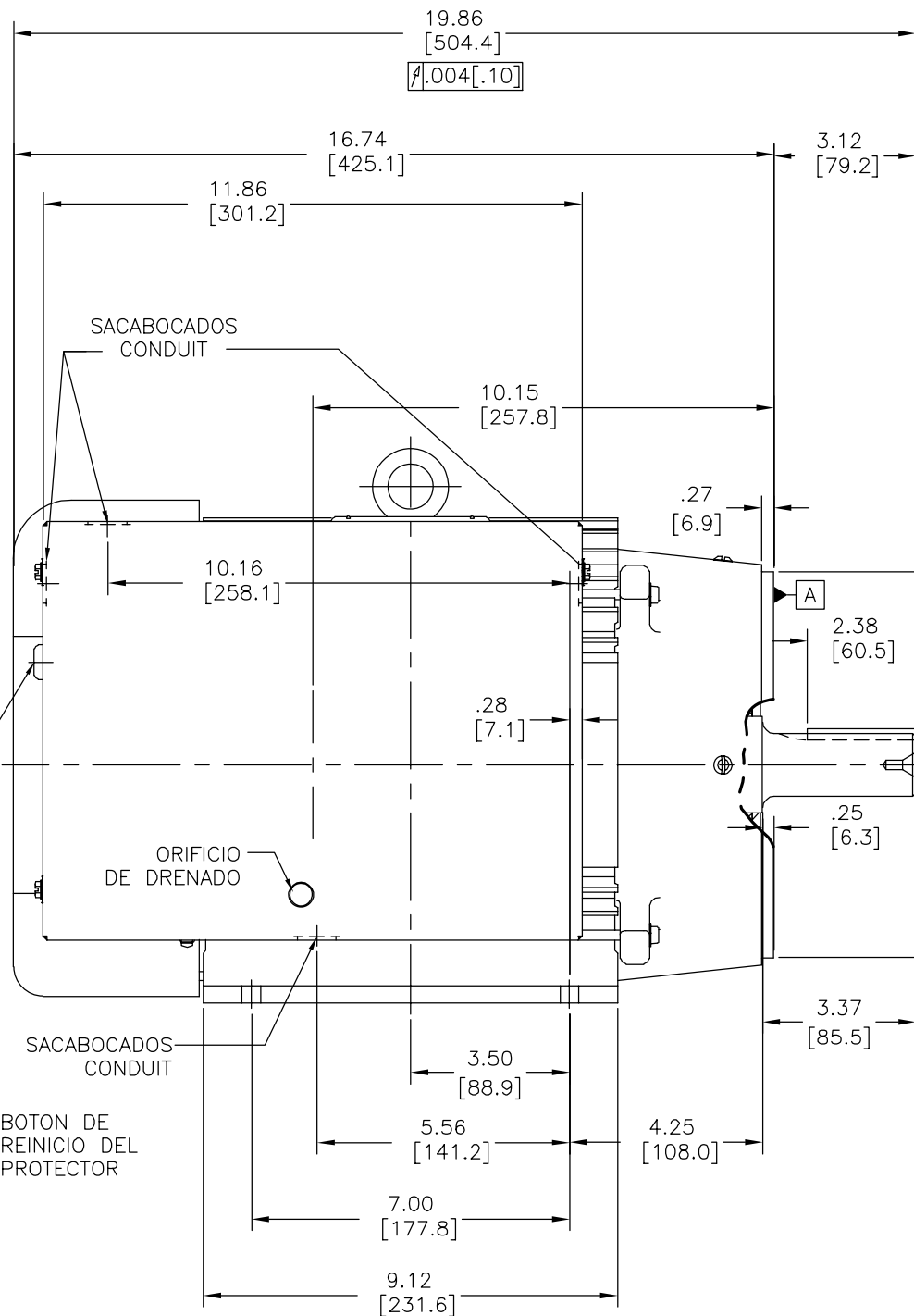
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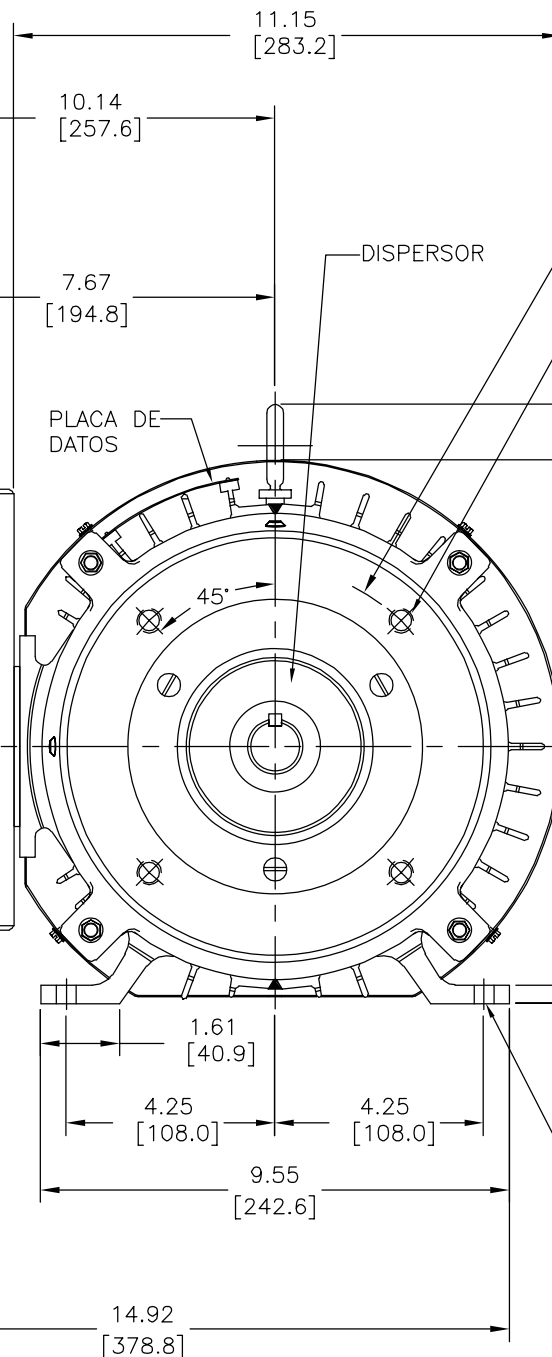
4X
1.375[34.93]
SACABOCADOS
PARA 1.00[25.4]
BARRENO CONDUIT

.3125 X .3125
[7.938 X 7.938]
CUAÑA

8.500
8.497
215.90
215.82
Ø.004[.10]D

1.3750
1.3745
34.925
34.912
Ø.002[.05]

9.22 [234.2]
3.99 [101.4]
3.87 [98.2]



CARACTERISTICAS DE GEOMETRIA Y SIMBOLOS
— PLANICIDAD
— RECTITUD
— ANGULARIDAD
— PERPENDICULARIDAD (A ESCUADRA)
// PARALELISMO
O 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:
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: I.LOPEZ
01-28-2013
APROBADO POR: D.JAMORA
01-28-2013
TERCER ANGULO DE PROYECCION
FECHA EDS: 11-11-2011
REV. FORMATO: H
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REGAL REGAL-BELOIT CORPORATION
DESCRIPCION: MODEL-IHP OUTLINE
TAMAÑO: C NUMERO DE DIBUJO: K302CM2
ESCALA: NONE HOJA: 1