

PRODUCT INFORMATION PACKET



Model No: K103C

Catalog No: K103C

Farm Rated® General Purpose Farm Duty Motor, 1.5 HP, 1 Ph, 60 Hz, 230/115 V, 1800 RPM, N145TC Frame, TEFC



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Nameplate Specifications

Output HP	1.5 Hp	Output KW	1.1 kW
Frequency	60 Hz	Voltage	230/115 V
Current	8.1/16.2 A	Speed	1745 rpm
Service Factor	1	Phase	1
Duty	Continuous	Insulation Class	B
Frame	N145TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Thermally Protected	Ambient Temperature	40 °C
UL	Recognized	CSA	Y
CE	N	Number of Speeds	1

Technical Specifications

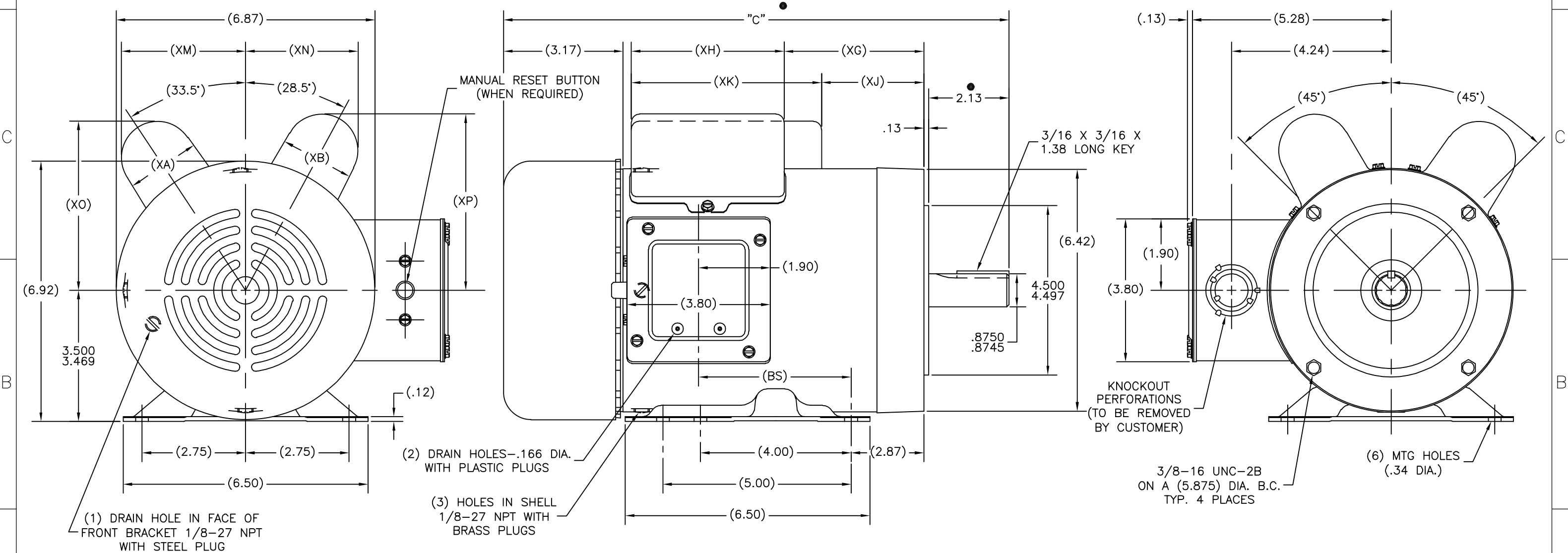
Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible Counterclockwise
Mounting	Rigid Base	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Keyed	Overall Length	14.42 in
Frame Length	7.25 in	Shaft Diameter	0.875 in
Shaft Extension	2.26 in		
Connection Drawing	17050723.PCX	Outline Drawing	03391903-001

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REV	ECO	REV BY	DATE	APPD	DATE
B	0001395	HSanchez	10-11-2008	CContreras	10-11-2008

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 DIM. = +/- 2'



-03														
-02														
-01	CPF	N145TC	14.42	4.24	2.01	2.01	3.71	5.06	3.71	5.06	2.48	2.24	3.37	3.52
GROUP	TYPE	FRAME	"C"	(BS)	(XA)	(XB)	(XG)	(XH)	(XJ)	(XK)	(XM)	(XN)	(XO)	(XP)

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
METRIC DIMS. SHOWN IN [BRACKETS]

DR BY: ralvar 01-11-2005

APPD: rarmen 01-11-2005

THIRD ANGLE PROJECTION

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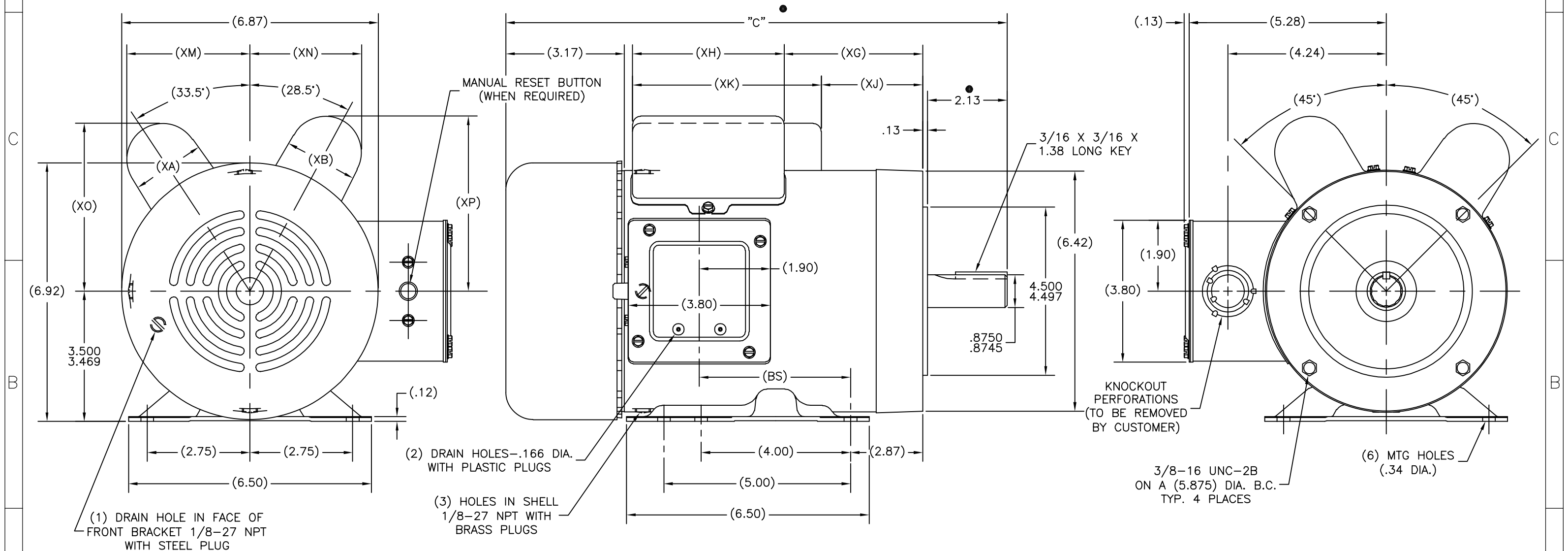
ACSmith **ELECTRICAL PRODUCTS COMPANY**
Innovation has a name. A DIVISION OF A. O. SMITH CORPORATION

DESCRIPTION: **OUTLINE**

SIZE: **D** DWG NO: **03391903**

SCALE: **NONE** SHEET: **1**

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CARACTERÍSTICAS DE GEOMETRIA Y SIMBOLOS		A MENOS QUE SE ESPECIFIQUE DE OTRA MANERA, LAS TOLERANCIAS DE LAS DIMS. SON LAS SIGUIENTES:
✓	PLANICIDAD	xxx xxxx
✓	RECTITUD	x ±0.2 ±0.005 ±0.0005
✓	ANGULARIDAD	mm ±0.5 ±0.13 ±0.013
✓	PERPENDICULARIDAD (A ESQUADRA)	ANG. ±0.5 GRADOS
✓	PARALELISMO	ELIMINAR REBOSAS Y ORILLAS FILASAS DEL BORDE
✓	REDONDEO (CIRCULARIDAD)	PULG. 0.03-0.15 mm 0.1-0.4
✓	CILINDRICIDAD	FILLETEAR ESQUINA: PULG. .020 mm 0.5
✓	PERFIL DE CUALQUIER SUPERFICIE	MAQUETAR SUPERFICIES
✓	PERFIL DE CUALQUIER LINEA	PULG 1/25 mm .3/2
✓	VARIACION	
✓	CONCENTRICIDAD	
✓	SIMETRIA	
		DIMS METRICAS MOSTRADAS (PARENTESIS)

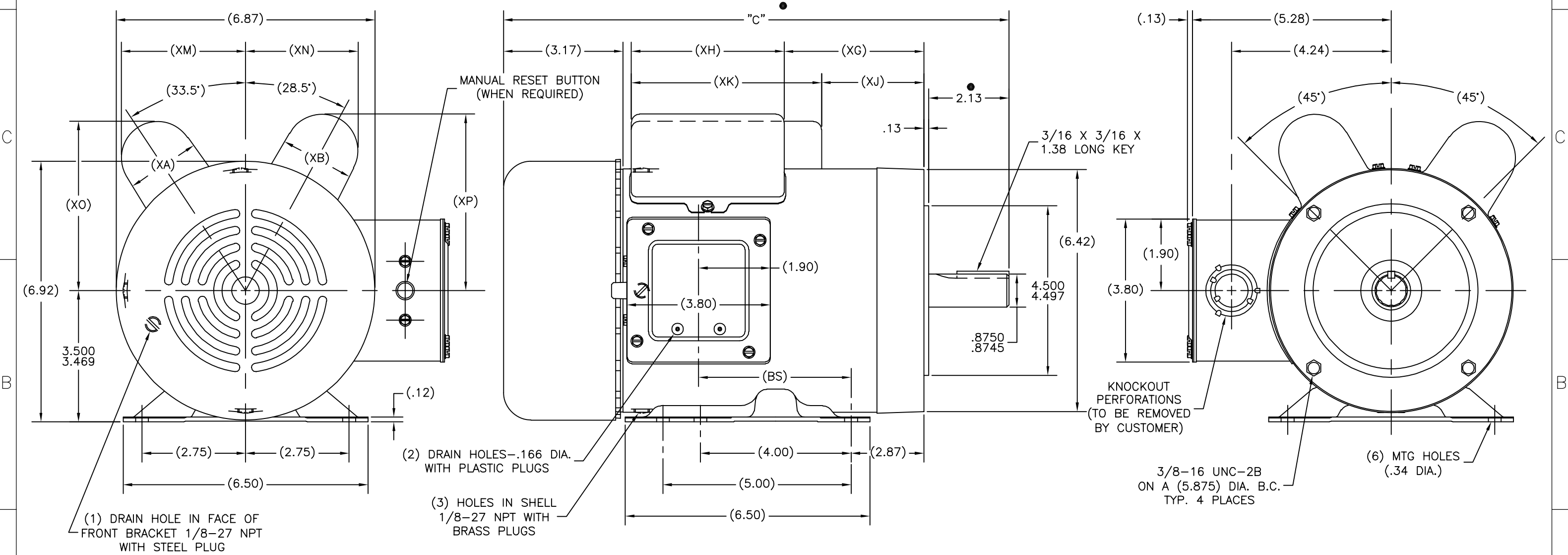
DIBUJADO POR: ralvar	01-11-2005		
APROBADO POR: rarmen	01-11-2005		
TERCER ANGULO DE PROYECCION	 <table border="1"> <tr> <td>FECHA EDS: EDS DATE</td> </tr> <tr> <td>REV. FORMATO: F</td> </tr> </table>	FECHA EDS: EDS DATE	REV. FORMATO: F
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DESCRIPCION:		OUTLINE	
TAMAÑO:	D	NUMERO DE DIBUJO:	03391903
ESCALA:	NONE		HOJA: 1

版本	ECO	编制	日期	批准	日期
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形位公差

尺寸公差

除另有注明

尺寸公差如下:

英寸

毫米

角度

清理毛刺和尖棱

英寸

毫米

内圆角

英寸

毫米

表面粗糙度

英制

米制

米制尺寸显示在[]

ASME Y14.5M 1994

绘图:

批准:

第三角投影

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raivar

01-11-2005

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图底格式发布日期

EDS DATE

F

名称

图幅

图号

比例

页号

OUTLINE

D

03391903

NONE

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