

PRODUCT INFORMATION PACKET

Model No: K103

Catalog No: K103

General Purpose Farm Duty Motor, 1.5 HP, 1 Ph, 60 Hz, 230/115 V, 1800 RPM, N145T 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	N145T	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

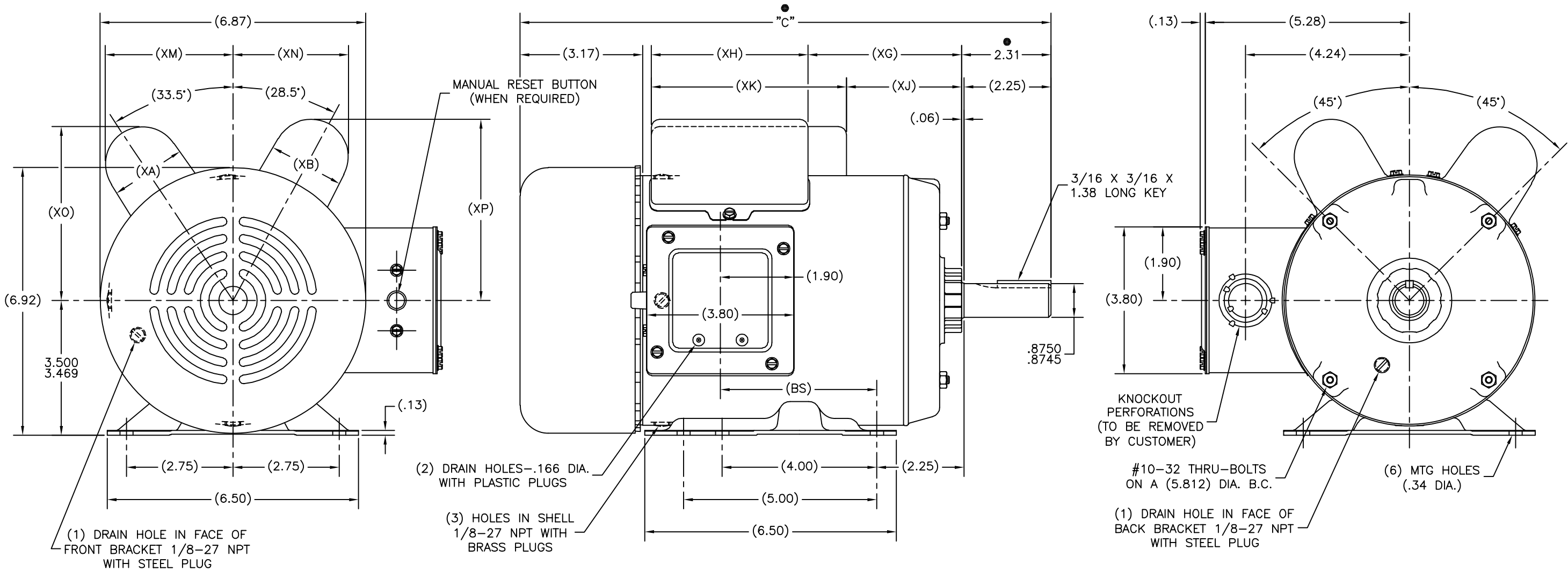
Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible Counterclockwise
Mounting	Rigid Base	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Keyed	Overall Length	14.23 in
Frame Length	7.25 in	Shaft Diameter	0.875 in
Shaft Extension	2.31 in		
Connection Drawing	17050723.PCX	Outline Drawing	16665101

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REV	ECO	REV BY	DATE	APPD	DATE
H	0001395	H.Sanchez	10-11-2008	C.Contreras	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	N145T	14.23	4.55	2.01	2.01	3.34	5.06	3.34	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:	DML	04-12-1985
APPD:	MJS	05-24-1985
THIRD ANGLE PROJECTION	EDS DATE	EDS DATE
	FORMAT	REV
		F

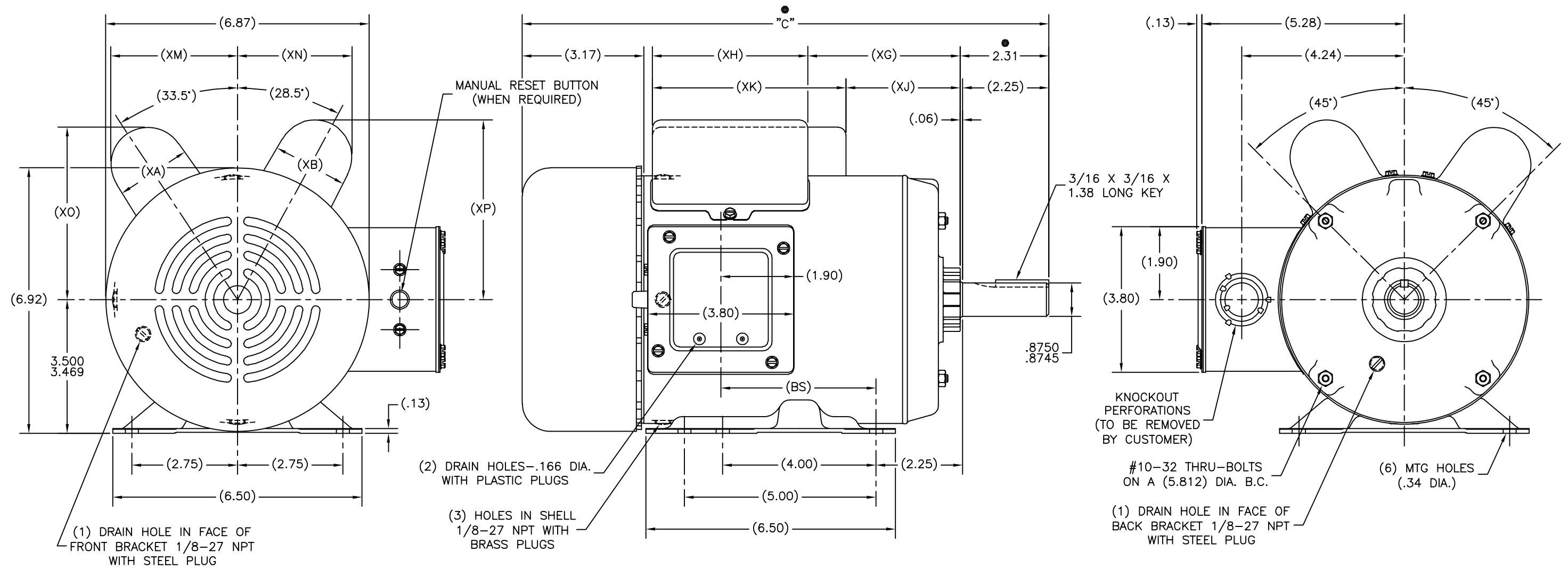
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DESCRIPTION OUTLINE			
SIZE D	DWG NO 166651		
SCALE NONE		SHEET 1	

REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
H	0001395	H.Sanchez	10-11-2008	C.Contreras	10-11-2008

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CARACTERÍSTICAS DE GEOMETRÍA 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:

PULG.	±.1	±.02	±.005	±.0005
mm	±0.5	±0.13	±0.013	±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: DML
APROBADO POR: MJS
TERCER ANGULO DE PROYECCION

04-12-1985

05-24-1985

FECHA EDS: EDS DATE
REV. FORMATO: F

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OUTLINE

TAMAÑO: D

NUMERO DE DIBUJO: 166651

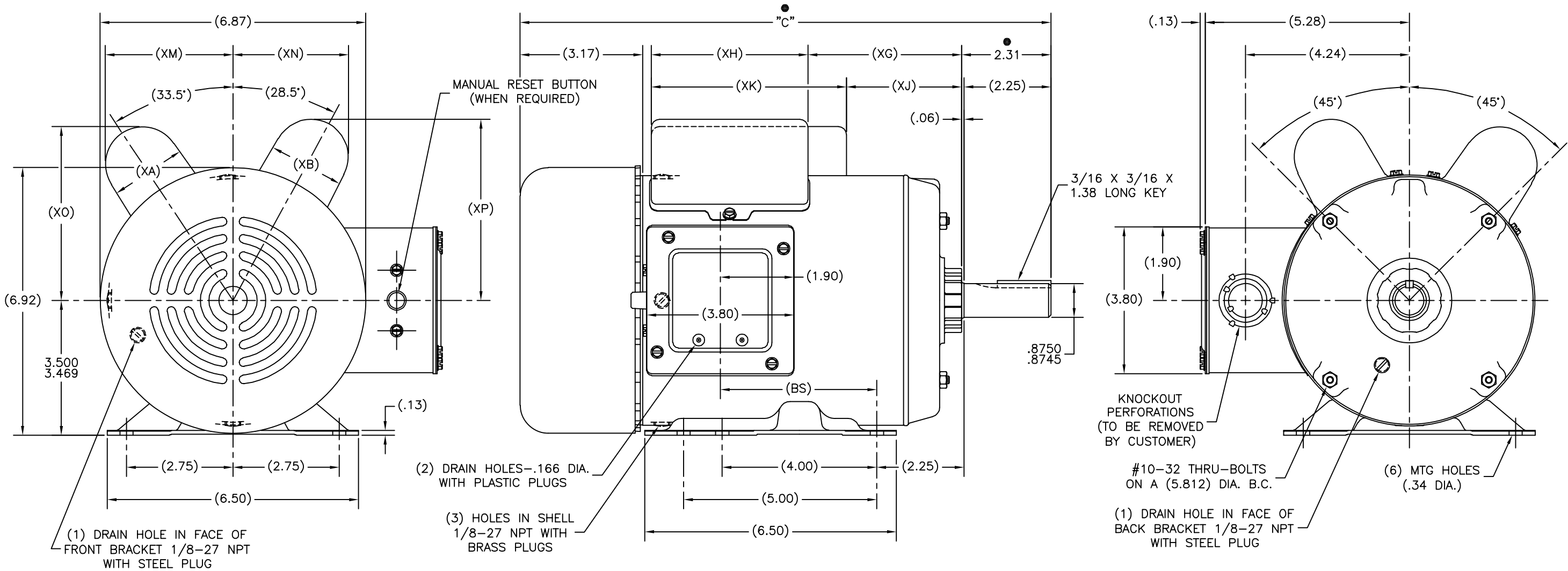
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HOJA: 1

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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:
X XX XXX XXXX
英寸 ±.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
米制尺寸显示在 []

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批准:	MJS	05-24-1985
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名称 OUTLINE			
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