

PRODUCT INFORMATION PACKET



Model No: FY3106

Catalog No: FY3106

Condenser Fan Motor, 1 HP, 3 Ph, 60/50 Hz, 200-230/460 V, 1200 RPM, 56Y Frame, TEAO



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Nameplate Specifications

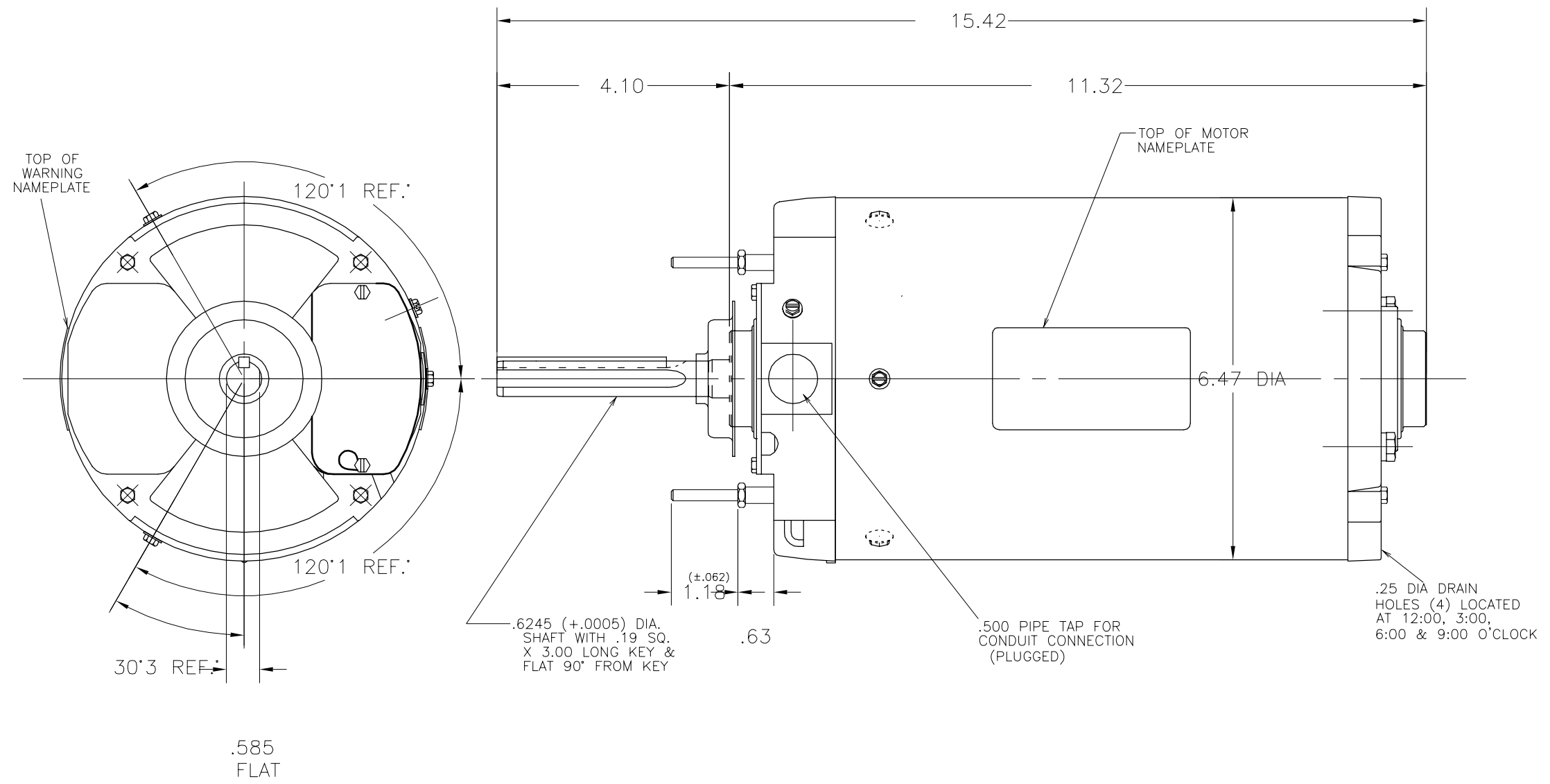
Phase	3	Output HP	1 Hp
Output KW	0.75 kW	Voltage	200-230/460 V
Speed	1140 rpm	Service Factor	1.0
Frame	56Y	Enclosure	Totally Enclosed Air Over
Thermal Protection	Automatic	Efficiency	70 %
Ambient Temperature	60 °C	Frequency	60/50 Hz
Current	5.7/2.9 A	Duty	Continuous Air Over
Insulation Class	B	UL	No
CSA	Y	CE	N
Number of Speeds	1		

Technical Specifications

Electrical Type	Polyphase	Starting Method	Across The Line
Poles	6	Rotation	Reversible
Mounting	Round Belly Band	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Keyed	Overall Length	15.42 in
Frame Length	8.17 in	Shaft Diameter	0.625 in
Shaft Extension	4.10 in		
Connection Drawing	165A839F02	Outline Drawing	11639-002

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REV	ECO	REV BY	DATE	APPD	DATE
F	ECO 0012119	D. BALDERRAMA	01-30-2010	M. ARGUELLES	01-30-2010



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:

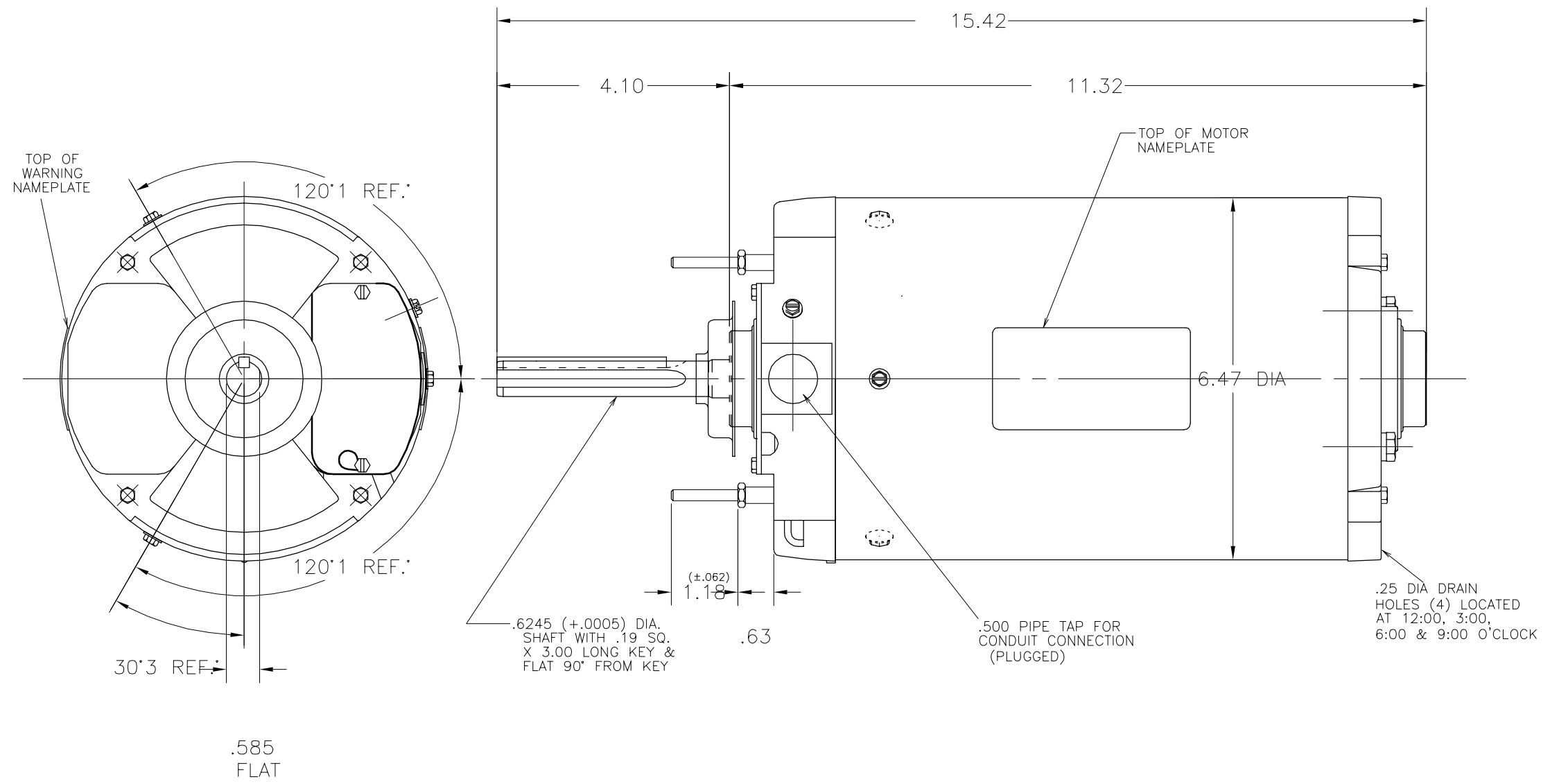
INCH	±.1	±.02	±.005	±.0005
mm	±0.5	±0.13	±0.013	

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:	DDS	06-06-1990
APPD:	JPR	08-18-1995
THIRD ANGLE PROJECTION	⊕	EDS DATE 02-22-2008 FORMAT REV F
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		ELECTRICAL PRODUCTS COMPANY <small>A DIVISION OF A. O. SMITH CORPORATION</small>
DESCRIPTION		
OUTLINE MOTOR		
SIZE	DWG NO	
C	11630-002	
SCALE	NONE	SHEET 1

REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
F	ECO 0012119	D. BALDERRAMA	01-30-2010	M. ARGUELLES	01-30-2010



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

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 .32
DIMS METRICAS MOSTRADAS [PARENTESIS]

DIBUJADO POR:	DDS	06-06-1990
APROBADO POR:	JPR	08-18-1995
TERCER ANGULO DE PROYECCION	⊕	FECHA EDS: 02-22-2008 REV. FORMATO: F
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ELECTRICAL PRODUCTS COMPANY <small>A DIVISION OF A. O. SMITH CORPORATION</small>	
DESCRIPCION:	
<p>OUTLINE MOTOR</p>	
TAMAÑO: C	NUMERO DE DIBUJO: 11630-002
ESCALA: NONE	HOJA: 1

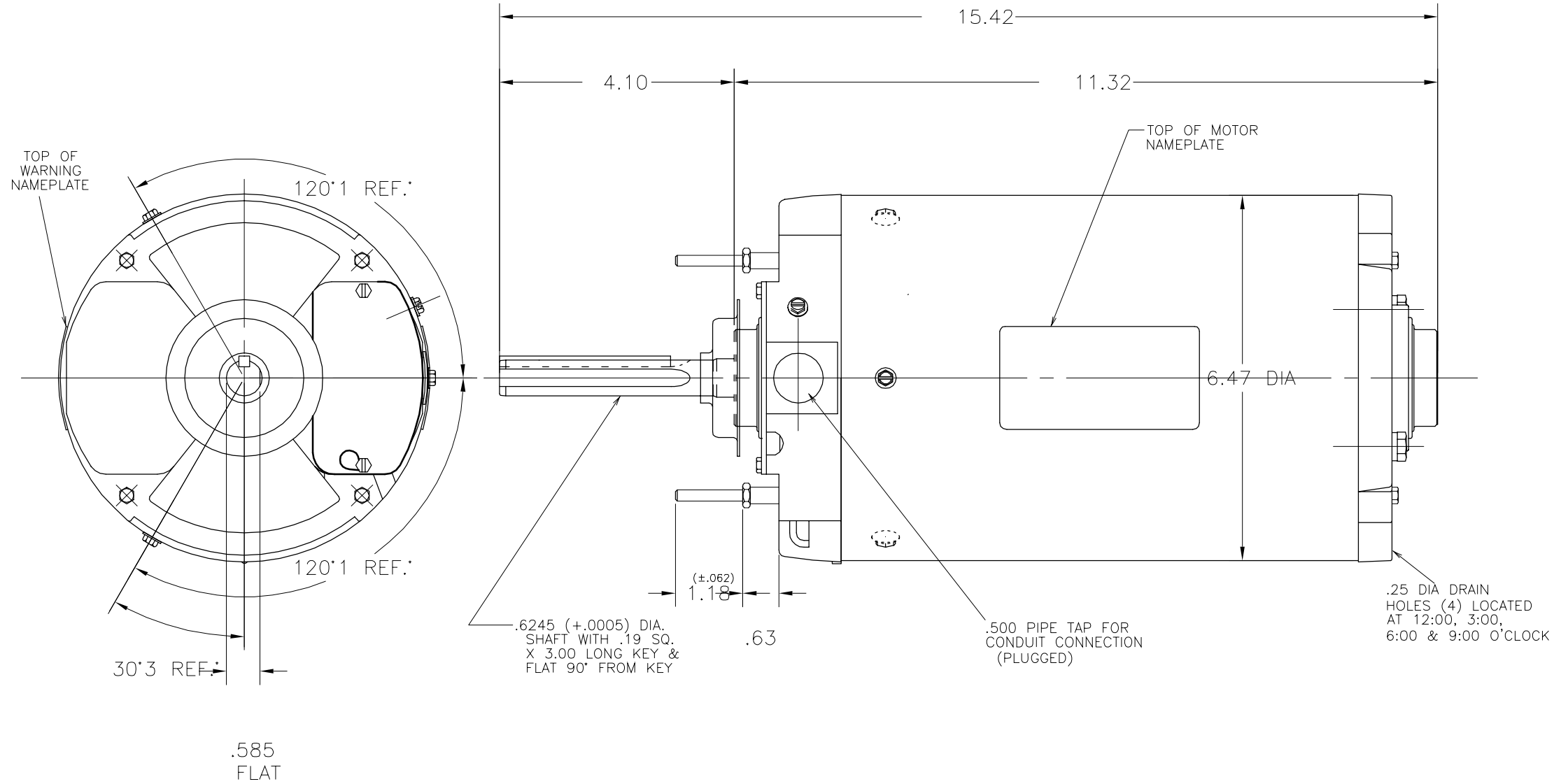
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版本	ECO	编制	日期	批准	日期
F	ECO 0012119	D. BALDERRAMA	01-30-2010	M. ARGUELLES	01-30-2010



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:

英寸	X	XX	XXX	XXXX
毫米	±.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 []

绘图:	DDS	06-06-1990
批准:	JPR	08-18-1995
第三角投影		图纸格式发布日期 02-22-2008 图纸格式版本 F
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ASME Y14.5M 1994		

ACSmith Innovation has a name.		ELECTRICAL PRODUCTS COMPANY A DIVISION OF A. O. SMITH CORPORATION	
名称 OUTLINE MOTOR			
图幅	C	图号	11630-002
比例	NONE	页号	1

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