

PRODUCT INFORMATION PACKET



Model No: P133

Catalog No: P133

Close-Coupled Pump Motor, 5.0 HP, 1 Ph, 60 Hz, 200 V, 3600 RPM, Y184JM Frame, DP



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Nameplate Specifications

Output HP	5.0 Hp	Output KW	3.7 kW
Frequency	60 Hz	Voltage	200 V
Current	24.0 A	Speed	3450 rpm
Service Factor	1.15	Phase	1
Duty	Continuous	Insulation Class	B
Frame	Y184JM	Enclosure	Drip Proof
Thermal Protection	No Protection	Ambient Temperature	40 °C
UL	No	CSA	N
CE	N	Number of Speeds	1

Technical Specifications

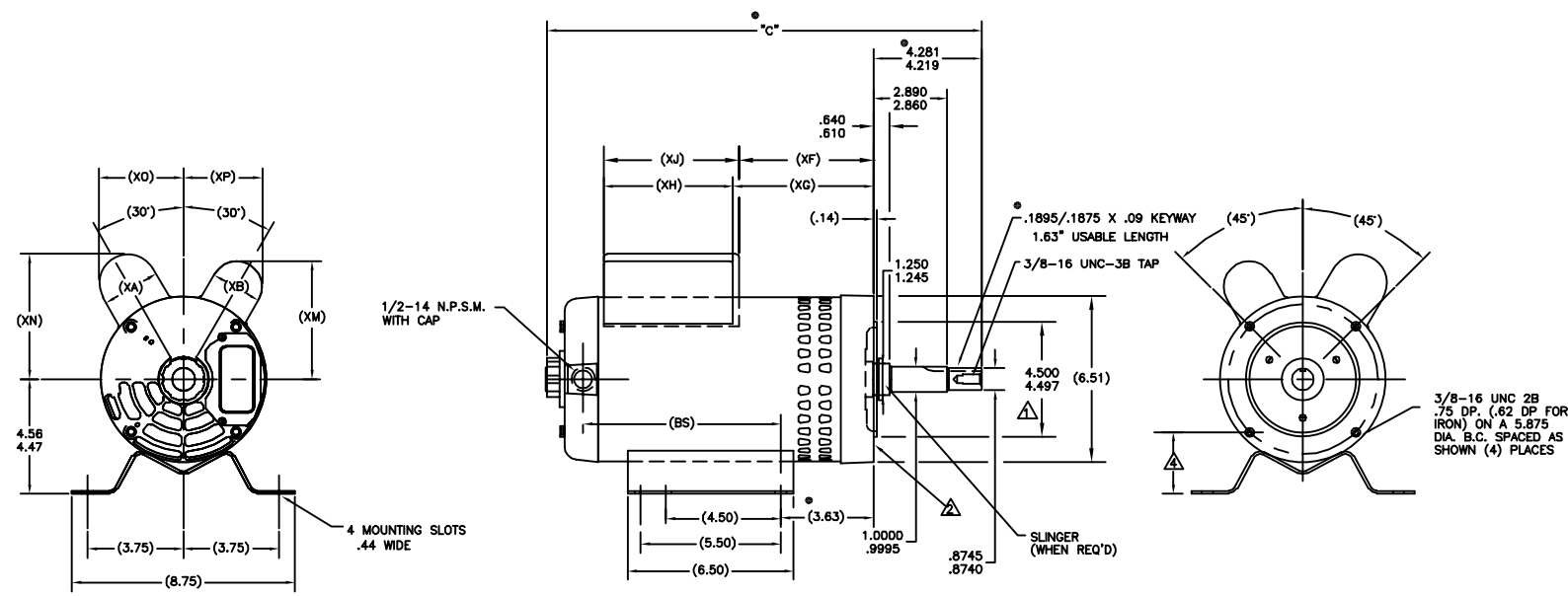
Electrical Type	Capacitor Start, Capacitor Run, Single Or Dual Voltage	Starting Method	Across The Line
Poles	2	Rotation	Clockwise
Mounting	Rigid Base	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	JM	Overall Length	17.04 in
Frame Length	9.50 in	Shaft Diameter	0.875 in
Shaft Extension	4.281 in		
Outline Drawing	18356701	Connection Drawing	17888724

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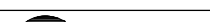
ALL DIMENSIONS SHOWN IN PARENTHESIS
ARE REFERENCE DIMENSIONS. ALL
OTHER DIMENSIONS ARE TOLERANCED PER
THE FOLLOWING CHART UNLESS
OTHERWISE SPECIFIED.

"C" DIM.	= +/—	.055
SHAFT EXT.	= +/—	.034
LEAD LENGTHS	= +/—	1.00
EXTENDED THRU-BOLTS	= +/—	.050
ANGULAR DIM.	= +/—	2 DEG.



- NOTES:
- PILOT DIAMETER IS CONCENTRIC WITH
SHAFT CENTERLINE WITHIN .004 T.I.R.
- FACE OF MOUNTING FLANGE IS
PERPENDICULAR TO SHAFT CENTERLINE
WITHIN .004 T.I.R.
- SHAFT RUNOUT NOT TO EXCEED .002
T.I.R.
- FOR RIGID BASE ONLY: THE 2 BOTTOM
HOLES IN THE MOUNTING FLANGE ARE
PARALLEL FROM THE BOTTOM OF THE
FEET WITHIN .030
- END PLAY NOT TO EXCEED .010
MEASURED WITH NO THRUST

= CRITICAL DIM.

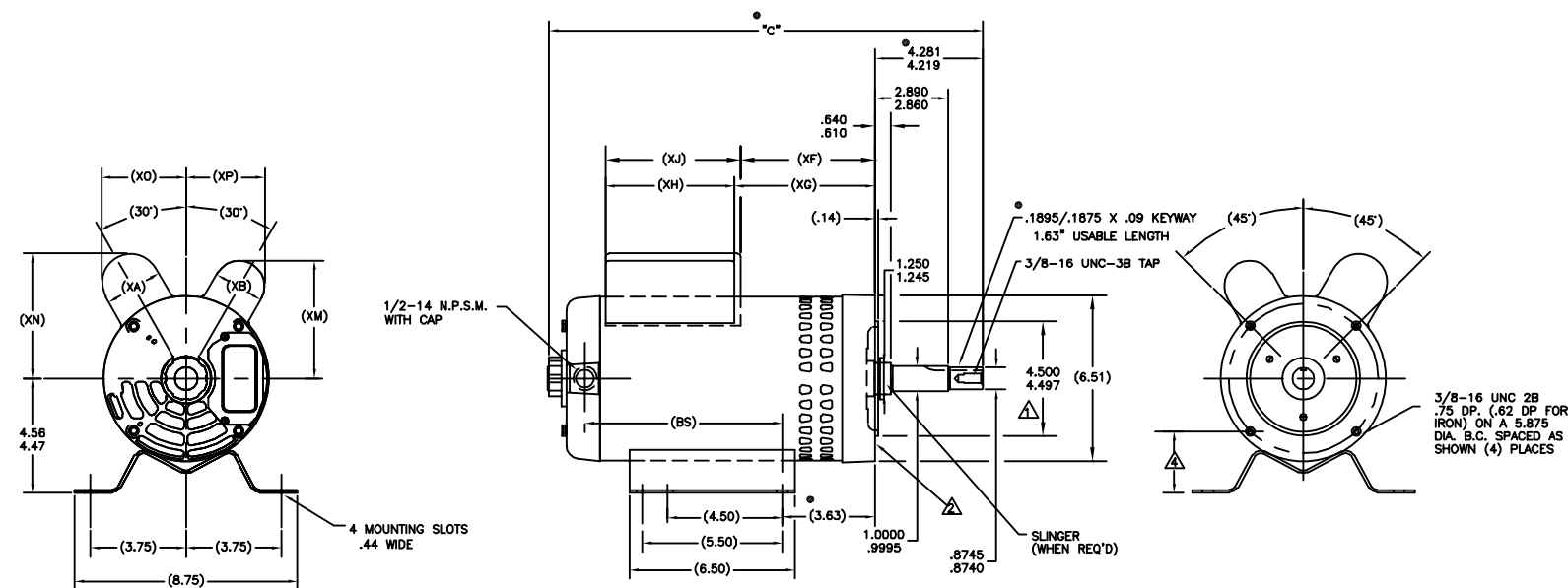
GEOMETRIC CHARACTERISTICS & SYMBOLS ▮ FLATNESS ▮ STRAIGHTNESS ▮ ANGULARITY ▮ PERPENDICULARITY (SQUARENESS) ▮ PARALLELISM ▮ ROUNDNESS (CIRCULARITY) ▮ CYLINDRICITY ▮ PROFILE OF ANY SURFACE ▮ PROFILE OF ANY LINE ▮ RUNOUT ▮ TRUE POSITION ▮ CONCENTRICITY ▮ SYMMETRY	UNLESS OTHERWISE SPECIFIED DIM. TOLERANCES ARE AS FOLLOWS: INCH $\frac{X}{16}$ XX XXX XXXX $\pm 0.01 \pm 0.02 \pm 0.005 \pm 0.0005$ mm $\pm 0.5 \pm 0.13 \pm 0.013$ 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: JEC APPD:	03-17-1993	 ELECTRICAL PRODUCTS COMPANY A DIVISION OF A. O. SMITH CORPORATION
THIRD ANGLE PROJECTION  EDS DATE FORMAT REV F				DESCRIPTION OUTLINE
CONFIDENTIAL: THIS DRAWING AND ITS INFORMATION ARE THE EXCLUSIVE AND CONFIDENTIAL PROPERTY OF A.O. SMITH CORP. AND ARE NOT TO BE DISCLOSED, DUPLICATED, DISTRIBUTED OR OTHERWISE USED WITHOUT THE WRITTEN CONSENT OF A.O. SMITH CORP. -ALL RIGHTS RESERVED.				SIZE C DWG NO 183567
ASME Y14.5M 1994				SCALE NONE SHEET 1

REVISIÓN:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
G	0009456	R.RASCON	09-28-2009	C.CONTRERAS	09-28-2009

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ANGULAR DIM. = $\pm$ 2 DEG.



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CARACTERÍSTICAS 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 ⊙ CONCENRICIDAD = SIMETRIA	A MENOS QUE SE ESPECIFIQUE DE OTRA MANERA, LAS TOLERANCIAS DE LAS DIMS. SON LAS SIGUIENTES: X XX XXX XXXX 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: JEC 03-17-1993 APROBADO POR: . TERCER ANGULO DE PROYECCION  FECHA EDS: EDS DATE REV. FORMATO: F	CONFIDENCIAL: ESTE DIBUJO Y SU INFORMACION SON PROPIEDAD DE USO EXCLUSIVO Y CONFIDENCIAL DE A.O.SMITH CORP. Y NO DEBERAN SER REVELADOS, DUPLICADOS, DISTRIBUIDOS O USARSE DE OTRA MANERA SIN EL CONSENTIMIENTO ESCRITO DE A.O. SMITH CORP. —TODOS LOS DERECHOS RESERVADOS. ASMF Y14 5M 1994	 ELECTRICAL PRODUCTS COMPANY A DIVISION OF A. O. SMITH CORPORATION DESCRIPCION: OUTLINE TAMAÑO: C NUMERO DE DIBUJO: 183567 ESCALA: NONE HOJA: 1
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版本	ECO	编制	日期	批准	日期
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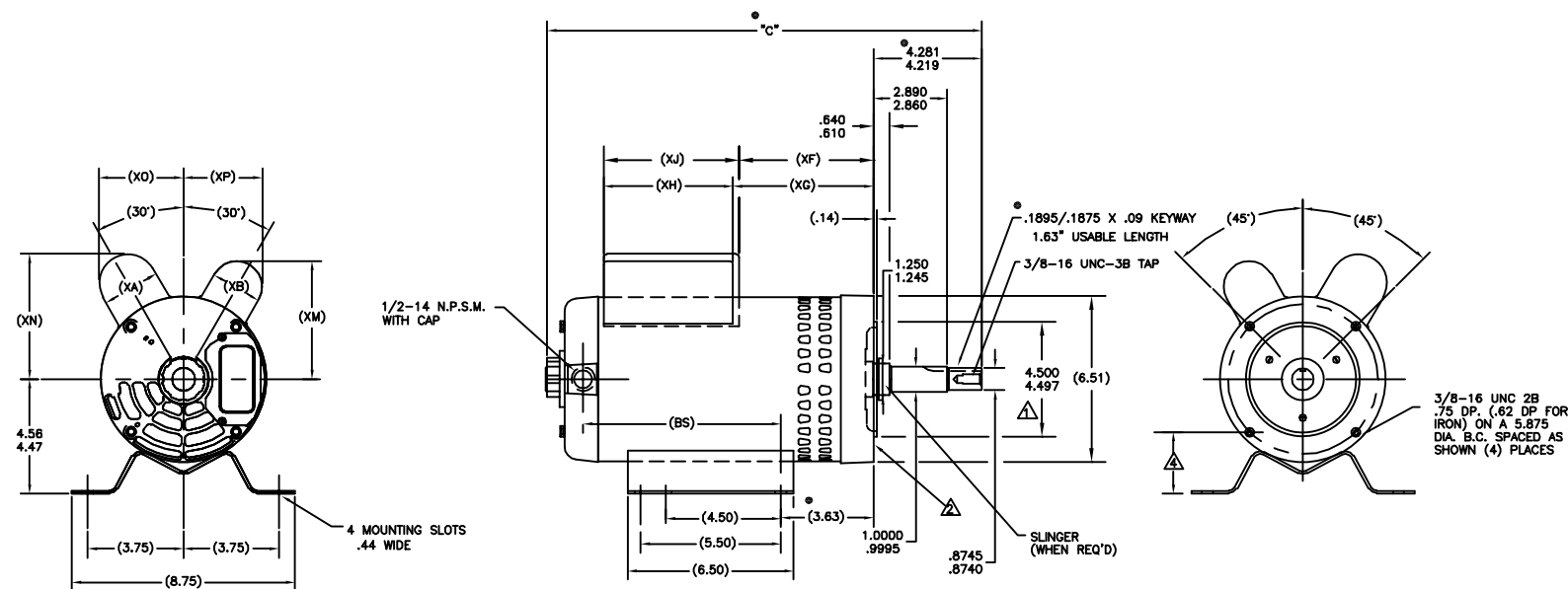
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SHAFT EXT. = $\pm .034$

LEAD LENGTHS = ± 1.00

EXTENDED
THRU-BOLTS = +/- .050

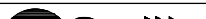
ANGULAR DIM. = +/- 2 DEG.



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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: 英寸 $\begin{matrix} X \\ \pm .1 \end{matrix}$ $\begin{matrix} XX \\ \pm .02 \end{matrix}$ $\begin{matrix} XXX \\ \pm .005 \end{matrix}$ $\begin{matrix} XXXX \\ \pm .0005 \end{matrix}$ 毫米 $\begin{matrix} \\ \pm 0.5 \end{matrix}$ $\begin{matrix} \\ \pm 0.13 \end{matrix}$ $\begin{matrix} \\ \pm 0.013 \end{matrix}$ 角度 $\pm .50$ 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 $\sqrt{\quad}$ 米制 3.2 $\sqrt{\quad}$ 米制尺寸显示在 []	绘图: JEC 批准: 第三角投影  机密: 本图纸及相关信息所有权归A. O. SMITH公司所有。 未经A. O. SMITH公司书面授权, 不得泄露、复制、传播或作其他用途。--版权所有 ASME Y14.5M, 1994	 ELECTRICAL PRODUCTS COMPANY A DIVISION OF A. O. SMITH CORPORATION 名称 图幅 C 图号 183567 比例 NONE	
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