

# PRODUCT INFORMATION PACKET



Model No: P137  
Catalog No: P137

Close-Coupled Pump Motor, 2.0 HP, 1 Ph, 60 Hz, 230/115 V, 1800 RPM, Y182JM Frame, DP



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### Nameplate Specifications

Phase	1	Output HP	2.0 Hp
Output KW	1.5 kW	Voltage	230/115 V
Speed	1745 rpm	Service Factor	1.15
Frame	Y182JM	Enclosure	Drip Proof
Thermal Protection	No Protection	Ambient Temperature	40 °C
Frequency	60 Hz	Current	10.2/20.4 A
Duty	Continuous	Insulation Class	B
UL	Recognized	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	4	Rotation	Clockwise
Mounting	Rigid Base	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Keyed	Overall Length	16.29 in
Frame Length	8.75 in	Shaft Diameter	1.25 in
Shaft Extension	2.31 in		
Connection Drawing	17050308.PCX	Outline Drawing	185306

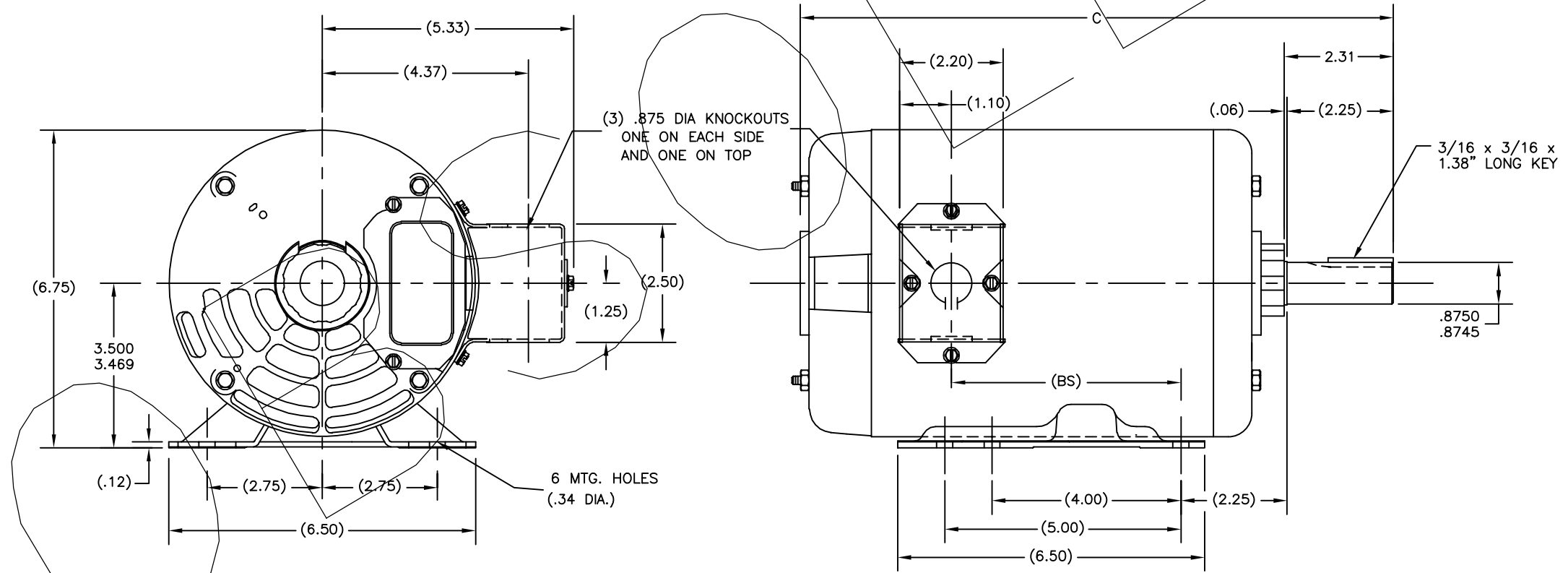
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REV	ECO	REV BY	DATE	APPD	DATE
D	0000500	H.Sanchez	06-16-2008	C.Contreras	06-16-2008

GROUP	TYPE	FRAME	C	(BS)
-01	SC	N140T	12.56	4.86

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



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:	SVR	5-11-1994
APPD:	SAS	5-12-1994
THIRD ANGLE PROJECTION	⊕	EDS DATE EDS DATE FORMAT REV F
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**ACSmith** **ELECTRICAL PRODUCTS COMPANY**  
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DESCRIPTION: 140T DWG 0-LINE BB OP/EN

SIZE: C DWG NO: 185338

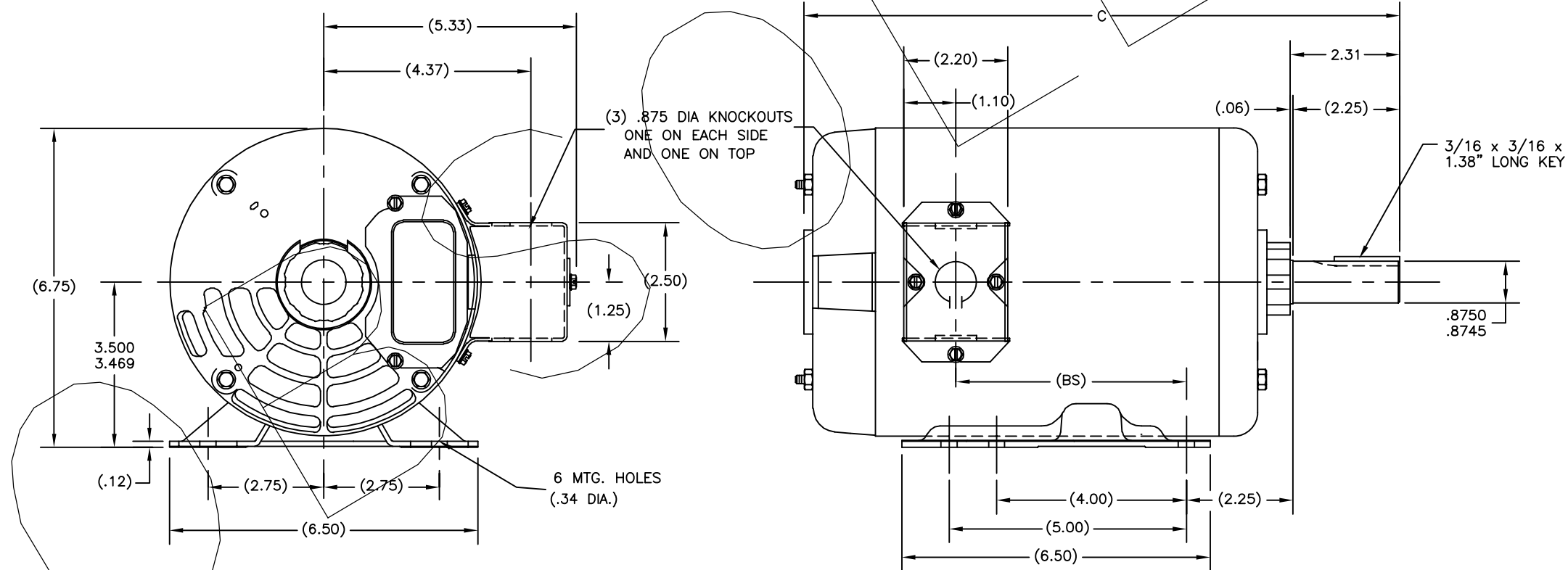
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REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
D	0000500	H.Sanchez	06-16-2008	C.Contreras	06-16-2008

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EXTENDED THRU-BOLTS	= +/- .050



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 3.2

DIMS METRICAS MOSTRADAS [PARENTESIS]

DIBUJADO POR:	SVR	5-11-1994
APROBADO POR:	SAS	5-12-1994
TERCER ANGULO DE PROYECCION	⊕	FECHA EDS: EDS DATE REV. FORMATO: F
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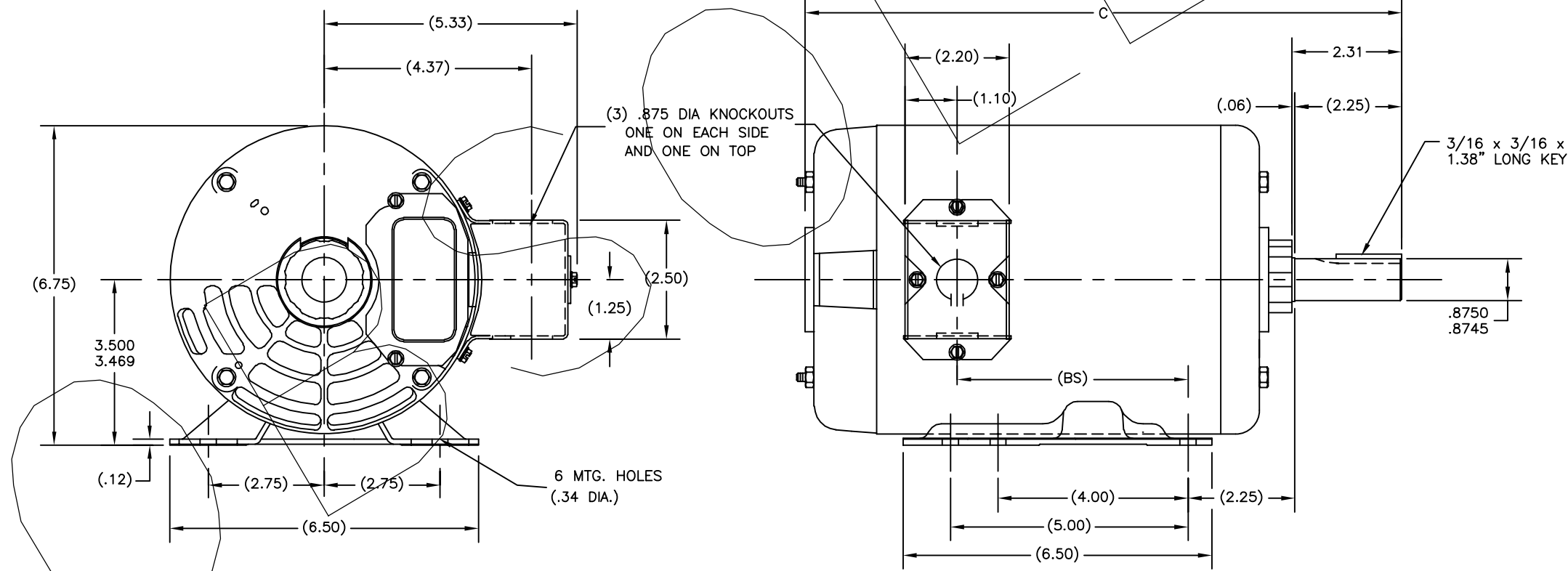
<b>ELECTRICAL PRODUCTS COMPANY</b> <small>A DIVISION OF A. O. SMITH CORPORATION</small>	
DESCRIPCION: 140T DWG 0-LINE BB OP/EN	
TAMAÑO: C	NUMERO DE DIBUJO: 185338
ESCALA: NONE	HOJA: 1

版本	ECO	编制	日期	批准	日期
D	0000500	H.Sanchez	06-16-2008	C.Contreras	06-16-2008

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SHAFT EXT.	= +/- .034
LEAD LENGTHS	= +/- 1.00
EXTENDED THRU-BOLTS	= +/- .050



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
±.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
英寸 125 毫米 1.2
米制尺寸显示在 [ ]

绘图:	SVR	5-11-1994
批准:	SAS	5-12-1994
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名称	140T DWG 0-LINE BB OP/EN		
图幅	C	图号	185338
比例	NONE	页号	1