

PRODUCT INFORMATION PACKET



Model No: B867

Catalog No: B867

3.0 HP Pressure Washers Motor, 1 phase, 3600 RPM, 208-230 V, 56HC Frame, ODP
Pressure Washer Motors



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REGAL



Nameplate Specifications

Output HP	3.0 Hp	Output KW	2.2 kW
Frequency	60 Hz	Voltage	208-230 V
Current	13.5-12.5 A	Speed	3450 rpm
Service Factor	1.15	Phase	1
Duty	Continuous	Insulation Class	B
Frame	X56HC	Enclosure	Drip Proof
Thermal Protection	Thermally Protected	Ambient Temperature	40 °C
UL	Recognized	CSA	Y
CE	N		

Technical Specifications

Electrical Type	Capacitor Start, Capacitor Run, Single Or Dual Voltage	Starting Method	Across The Line
Poles	2	Rotation	Reversible Counterclockwise
Mounting	Rigid Base	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Keyed	Overall Length	14.64 in
Frame Length	7.50 in	Shaft Diameter	0.750 in
Shaft Extension	1.81 in		

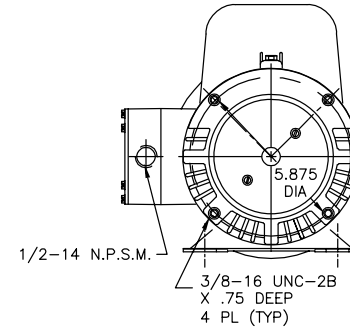
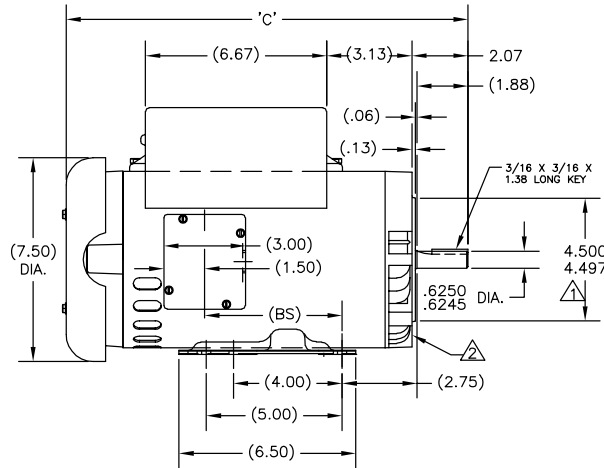
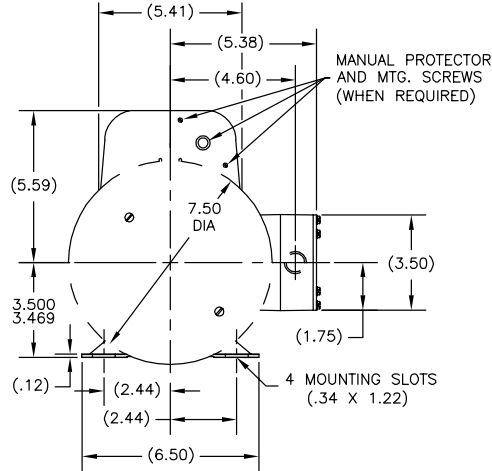
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GROUP	TYPE	FRAME	'C'	BS
01	CP	Y56HC	14.64	4.91

REV	ECO	REV BY	DATE	APPD	DATE
B	0007465	Lara Grado	07-06-2009	Hugo Sanchez	07-06-2009

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



NOTES:

- 1 PILOT DIAMETER IS CONCENTRIC WITH SHAFT CENTERLINE WITHIN .004 T.I.R.
- 2 FACE OF MOUNTING FLANGE IS PERPENDICULAR TO SHAFT CENTERLINE WITHIN .004 T.I.R.
- 3 SHAFT RUNOUT NOT TO EXCEED .002 T.I.R.
- 4 FOR RIGID BASE ONLY: THE 2 BOTTOM HOLES IN THE MOUNTING FLANGE ARE PARALLEL FROM THE BOTTOM OF THE FEET WITHIN .030
- 5 FOR THREADED SHAFT EXT. MATING PARTS SHOULD BE RELIEVED ONE THREAD TO CLEAR FILLET
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- 7 END PLAY NOT TO EXCEED .010 MEASURED WITH NO THRUST

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-.04
 CORNER FILLETS TO:
 INCH .020 mm 0.5
 MACHINE SURFACES:
 INCH 125 mm 3.2
 METRIC DIMS. SHOWN IN [BRACKETS]

DR BY:	VVWHI	04-18-2000
APPD:	RICHUM	
THIRD ANGLE PROJECTION	EDS DATE	EDS DATE
	FORMAT	REV F
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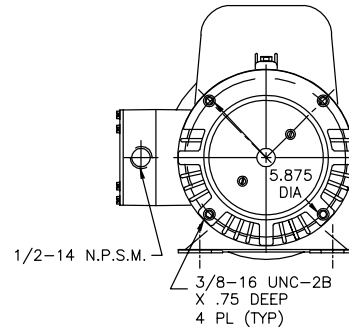
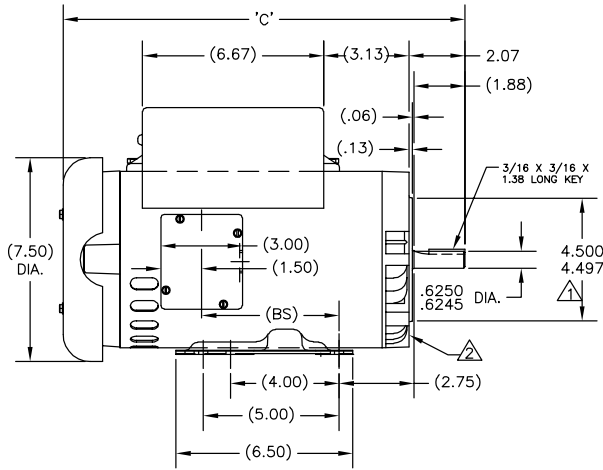
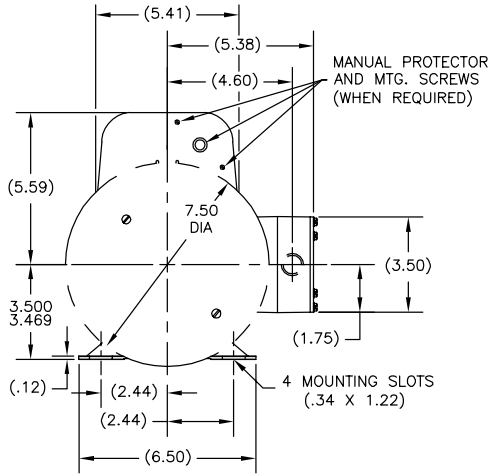
ACSmith <small>innovation has a name.</small>		ELECTRICAL PRODUCTS COMPANY <small>A DIVISION OF A.O. SMITH CORPORATION</small>	
DESCRIPTION OUTLINE			
SIZE	C	DWG NO	195223
SCALE	NONE	SHEET	1

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REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
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CARACTERISTICAS DE GEOMETRIA Y SIMBOLOS:
 ▽ PLANICIDAD
 — RECTITUD
 ∠ ANGULARIDAD
 ⊥ PERPENDICULARIDAD (A ESQUADRA)
 // PARALELISMO
 ○ REDONDEZ (CIRCULARIDAD)
 A 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:
 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: VVWHI 04-18-2000
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DESCRIPCION: OUTLINE

TAMAÑO: C NUMERO DE DIBUJO: 195223

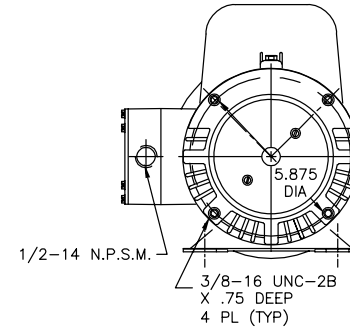
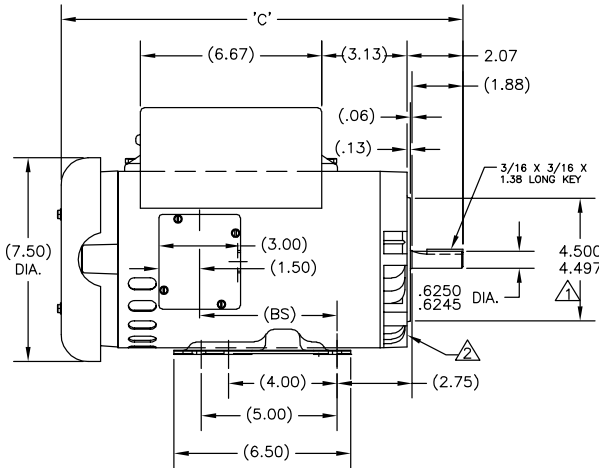
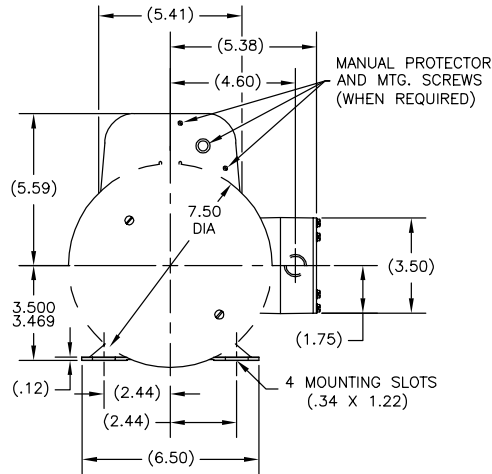
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形位公差	除另有注明
□ 平面度	尺寸公差如下:
— 直线度	英寸 X XX XXX XXXX
∠ 倾斜度	英寸 ±.1 ±.02 ±.005 ±.0005
⊥ 垂直度	毫米 ±0.5 ±0.13 ±0.013
∥ 平行度	角度 ±.50 度
○ 圆度	清理毛刺和尖棱
⊙ 圆跳动	英寸 .003-.015 毫米 0.1-0.4
⊙ 面轮廓度	内圆角
⊙ 线轮廓度	英寸 .020 毫米 0.5
⊙ 圆跳动	表面粗糙度
⊙ 位置度	英制 125 米制 3.2
⊙ 同轴度	米制尺寸显示在 []
⊙ 对称度	

绘图:	VWVHI	04-18-2000
批准:	RICHUM	
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