

PRODUCT INFORMATION PACKET



Model No: B2748
Catalog No: B2748
2.0 HP Pool Pump Motor, 1 phase, 3600 RPM, 230 V, 56Y Frame, ODP
Pool Pump Motors



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Nameplate Specifications

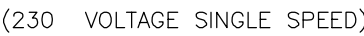
Output HP	2.0 Hp	Output KW	1.5 kW
Frequency	60 Hz	Voltage	230 V
Current	SF 11.5 A	Speed	3450 rpm
Service Factor	1.3	Phase	1
Duty	Continuous	Insulation Class	F
Frame	Y56Y	Enclosure	Drip Proof
Thermal Protection	Thermally Protected	Ambient Temperature	50 °C
UL	Recognized	CSA	Y


Technical Specifications

Electrical Type	Permanent Split Capacitor, Single Or Dual Voltage	Poles	2
Rotation	Counterclockwise Pump End	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	BALL
Opp Drive End Bearing	BALL	Frame Material	Rolled Steel
Shaft Type	Threaded	Overall Length	13.40 in
Frame Length	9.00 in	Shaft Diameter	0.625 in
Shaft Extension	0.91 in		
Outline Drawing	B2748-S01	Connection Drawing	17536730.PCX

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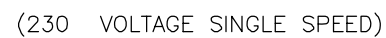
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				B 0021650		Cherry.Zhang 07-15-2011	
						APPD DATE	
						Hong.Zhu 07-15-2011	
<div><div><div>175367-30</div><div></div></div><div><div>USE COPPER CONDUCTORS ONLY.</div><div>INSTALL MOTOR WITH VENTS DOWN.</div><div>ACCEPTABLE FOR FIELD WIRING</div></div><div><div>GREEN (GROUND)</div></div><div><div>(230 VOLTAGE SINGLE SPEED)</div></div></div>							
<div>NOTES:</div> <div><div>1) DOTTED BOX REPRESENTS TOTAL PRINTED AREA ALLOWED FOR CONNECTION DIAGRAM TO FIT IN (2.13[54.1] X .75[19.0]). SEE NAMEPLATE DRAWING 170500 OR 170501 FOR LOCATION.</div><div>2) CHARACTERS ARE TO BE A MINIMUM OF .03[.8] TO .06[1.5] MAXIMUM IN HEIGHT</div><div>3) DETAILS ARE NOT TO BE COPIED FROM DRAWING, BUT ARE TO BE REPRODUCED FROM ORIGINAL ARTWORK FURNISHED.</div><div>4) FUTURE DETAILS ARE TO BE PLACED ON D0000112</div></div>							
<div>GEOMETRIC CHARACTERISTICS & SYMBOLS</div> <div><div>▮ FLATNESS</div><div>— STRAIGHTNESS</div><div>∠ ANGULARITY</div><div>⊥ PERPENDICULARITY (SQUARENESS)</div><div>// PARALLELISM</div><div>○ ROUNDNESS (CIRCULARITY)</div><div>⌀ CYLINDRICITY</div><div>△ PROFILE OF ANY SURFACE</div><div>⌒ PROFILE OF ANY LINE</div><div>↗ RUNOUT</div><div>⊕ TRUE POSITION</div><div>◎ CONCENTRICITY</div><div>≡ SYMMETRY</div></div>		<div>UNLESS OTHERWISE SPECIFIED DIM. TOLERANCES ARE AS FOLLOWS:</div> <div><div>INCH X XX XXX XXXX</div><div>±.1 ±.02 ±.005 ±.0005</div><div>mm ±0.5 ±0.13 ±0.013</div><div>ANG. ±.50 DEG</div><div>REMOVE BURRS & BREAK SHARP EDGES:</div><div>INCH .003-.015 mm 0.1-0.4</div><div>CORNER FILLETS TO:</div><div>INCH .020 mm 0.5</div><div>MACHINE SURFACES:</div><div>INCH 125 mm 3.2</div><div>METRIC DIMS. SHOWN IN [BRACKETS]</div></div>		<div>DR BY: Cherry.Zhang 07-15-2011</div> <div>APPD: Hong.Zhu 07-15-2011</div> <div>THIRD ANGLE PROJECTION</div> <div>EDS DATE 02-22-2008</div> <div>FORMAT REV F</div> <div>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.</div> <div>—ALL RIGHTS RESERVED. ASME Y14.5M 1994</div>		<div><div>ACSmith</div><div>ELECTRICAL PRODUCTS COMPANY</div><div>A DIVISION OF A. O. SMITH CORPORATION</div></div> <div>DESCRIPTION</div> <div>CONN DIAGRAM-NAMEPLATE</div> <div>SIZE C DWG NO 17536730</div> <div>SCALE NONE SHEET 1</div>	
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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 ⊙ CONCENTRICIDAD = 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: Cherry.Zhang 07-15-2011 APROBADO POR: Hong.Zhu 07-15-2011 TERCER ANGULO DE PROYECCION  FECHA EDS: 02-22-2008 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.ASME Y14.5M 1994	<div style="display: flex; justify-content: space-between;"> <div data-bbox="1954 1663 2132 1687">  <p>ACSmith Innovation has a name.</p> </div> <div data-bbox="2150 1663 2483 1687"> <p>ELECTRICAL PRODUCTS COMPANY A DIVISION OF A. O. SMITH CORPORATION</p> </div> </div> <div style="border: 1px solid black; padding: 5px;"> DESCRIPCION: <div style="font-size: 2em; text-align: center;">CONN DIAGRAM-NAMEPLATE</div> </div> <div style="display: flex; justify-content: space-between;"> <div data-bbox="1954 1689 2054 1697">TAMAÑO: C</div> <div data-bbox="2054 1689 2483 1697">NUMERO DE DIBUJO: 17536730</div> </div> <div style="display: flex; justify-content: space-between;"> <div data-bbox="1954 1697 2054 1705">ESCALA: NONE</div> <div data-bbox="2346 1697 2483 1705">HOJA: 1</div> </div>
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