

# PRODUCT INFORMATION PACKET



Model No: H740

Catalog No: H740

Pool Pump Motor, 3.0 HP, 3 Ph, 60 Hz, 208-230/460 V, 3600 RPM, N56C Frame, DP



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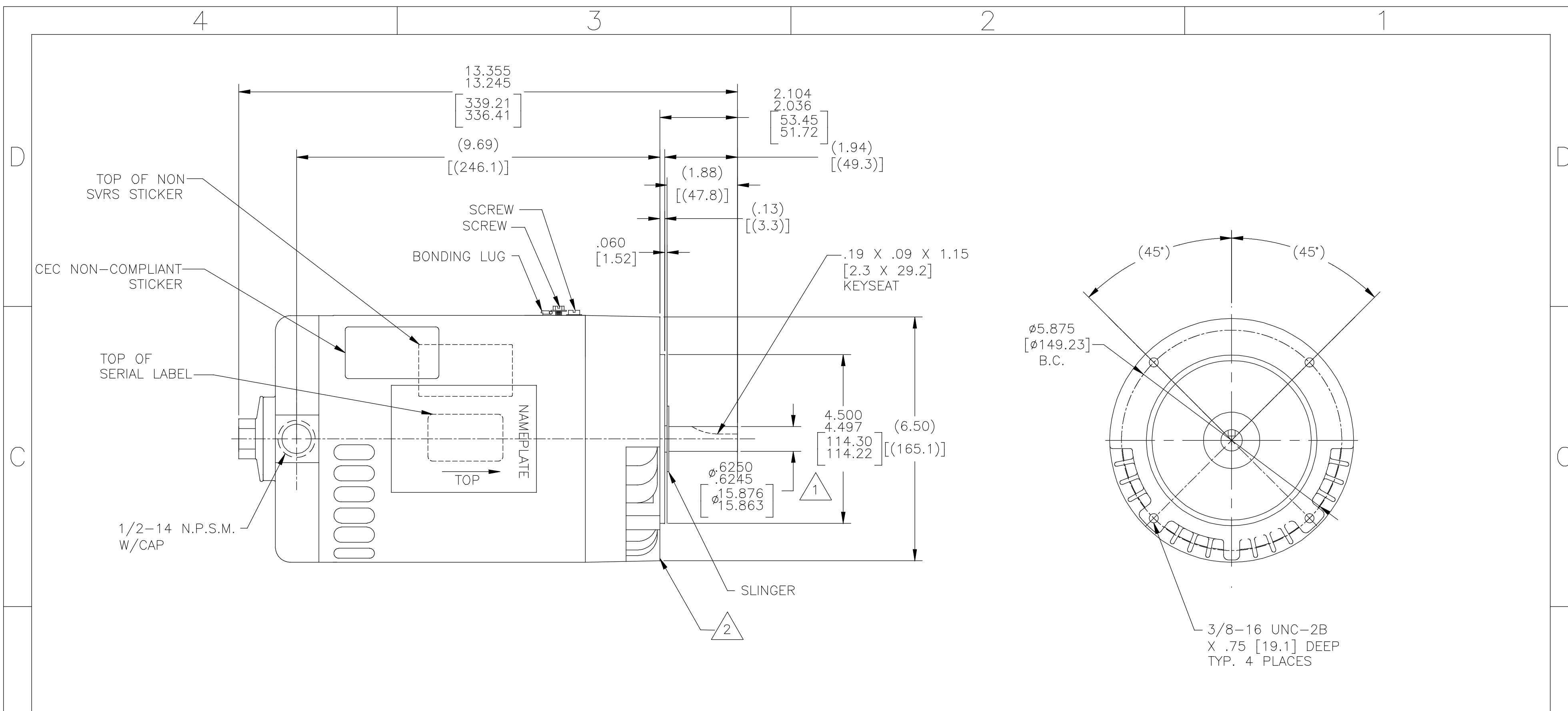
**Nameplate Specifications**

Output HP	<b>3.0 Hp</b>	Output KW	<b>2.2 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>208-230/460 V</b>
Current	<b>9.0-8.6/4.3 A</b>	Speed	<b>3450 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>3</b>
Duty	<b>Continuous</b>	Insulation Class	<b>B</b>
Frame	<b>N56C</b>	Enclosure	<b>Drip Proof</b>
Thermal Protection	<b>No Protection</b>	Ambient Temperature	<b>40 °C</b>
UL	<b>Recognized</b>	CSA	<b>Y</b>
Number of Speeds	<b>1</b>		

**Technical Specifications**

Electrical Type	<b>Polyphase, Induction Type, Single Or Dual Voltage</b>	Starting Method	<b>Across The Line</b>
Poles	<b>2</b>	Rotation	<b>Reversible Counterclockwise</b>
Mounting	<b>Round</b>	Motor Orientation	<b>Horizontal</b>
Drive End Bearing	<b>Ball</b>	Opp Drive End Bearing	<b>Ball</b>
Frame Material	<b>Rolled Steel</b>	Shaft Type	<b>5/8 Keyed</b>
Overall Length	<b>13.30 in</b>	Frame Length	<b>7.25 in</b>
Shaft Diameter	<b>0.625 in</b>	Shaft Extension	<b>2.07 in</b>
Outline Drawing	<b>H740-S01</b>	Connection Drawing	<b>18304024.PCX</b>

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NAMEPLATE DATA	EXTERNAL CONNECTION DIAGRAM	NOTES
MODEL: MODEL CUST PN: CUST-PN: HP: HP SF: SF ROT: ROT RPM: RPM TYPE: TYPE CODE: CODE FORM: FORM FRAME: FRAME VOLTS: VOLTS AMPS: AMPS MAX AMPS: MAX-AMPS SF AMPS: SF-AMPS PH: PH HZ: HZ INS: INS AMB: AMB DUTY: DUTY ENCLOSURE: ENCLOSURE THERMALLY-PROTECTED	<p>183040-24</p> <p><b>LOW VOLTAGE</b></p> <ul style="list-style-type: none"> <li>4-BROWN</li> <li>5-ORANGE</li> <li>6-BLACK</li> <li>1-RED</li> <li>7-PURPLE</li> <li>2-WHITE</li> <li>8-GRAY</li> <li>3-BLUE</li> <li>9-PINK</li> </ul> <p>TO REVERSE, INTER-CHANGE ANY TWO LINE LEADS.</p> <p><b>HIGH VOLTAGE</b></p> <ul style="list-style-type: none"> <li>4-BROWN</li> <li>7-PURPLE</li> <li>5-ORANGE</li> <li>8-BLACK</li> <li>9-PINK</li> <li>1-RED</li> <li>2-WHITE</li> <li>3-BLUE</li> </ul>	<ol style="list-style-type: none"> <li>PILOT DIAMETER IS CONCENTRIC WITH SHAFT CENTERLINE WITHIN .004 T.I.R.</li> <li>FACE OF MOUNTING FLANGE IS PERPENDICULAR TO SHAFT CENTERLINE WITHIN .004 T.I.R.</li> <li>SHAFT RUNOUT NOT TO EXCEED .002 T.I.R.</li> <li>END PLAY NOT TO EXCEED .010 MEASURED WITH NO THRUST</li> <li>FINISH PAINT TO BE BLACK</li> </ol>

PERFORMANCE CURVE	APPROVED SAMPLE		
PERFORMANCE-CURVE	APPROVED-SAMPLE		
UL COMPONENT	CSA		
FILE#	CCN#	FILE#	GUIDE#
FILE#	CCN#	FILE#	GUIDE#
CUSTOMER	CUSTOMER		

DRAWING REVISION F	REVISION BY P.ROJAS	DATE 04-26-2019	TOLERANCES UNLESS OTHERWISE SPECIFIED DEC. INCH mm ANGLE .XX ±0.1 [±2.5] ±0.5° .XX ±0.02 [±0.51] .XXX ±0.005 [±0.127] .XXXX ±0.0005 [±0.0127]	DRAWN BY: KHR	Regal Beloit America, Inc.
ECO ECO-0165900	APPROVED BY P.ROJAS	DATE 04-26-2019	REMOVE BURRS & BREAK SHARP EDGES .003/.015 [.076/.381] CORNER FILLETS .02 [.51] MACHINED SURFACES 125/32 INCH mm 3/2	DATE: 08-24-2005	
ECO DESCRIPTION SEE ECO			THIRD ANGLE PROJECTION	APPROVED BY: TDT	DESCRIPTION MODEL-CFHP-56FR OUTLINE
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			mm SHOWN IN [BRACKETS]	REFERENCE	PROCESS/FINISH
				SHEET 1	