

PRODUCT INFORMATION PACKET



Model No: H741

Catalog No: H741

Pool Pump Motor, 3.0 HP, 3 Ph, 60 Hz, 208-230/460 V, 3600 RPM, N56J Frame, DP



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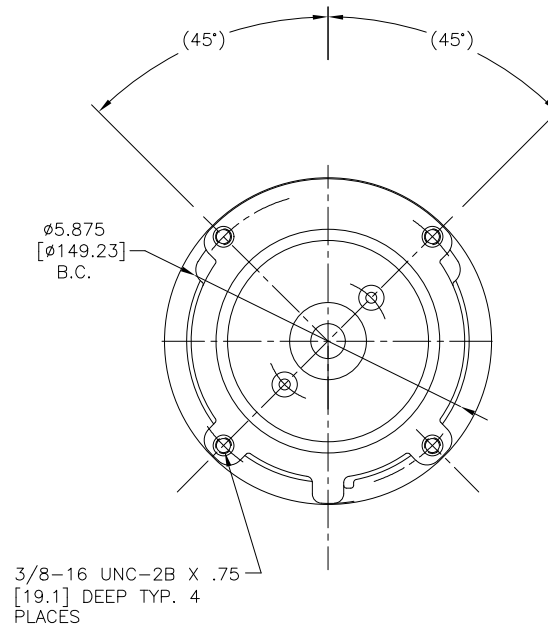
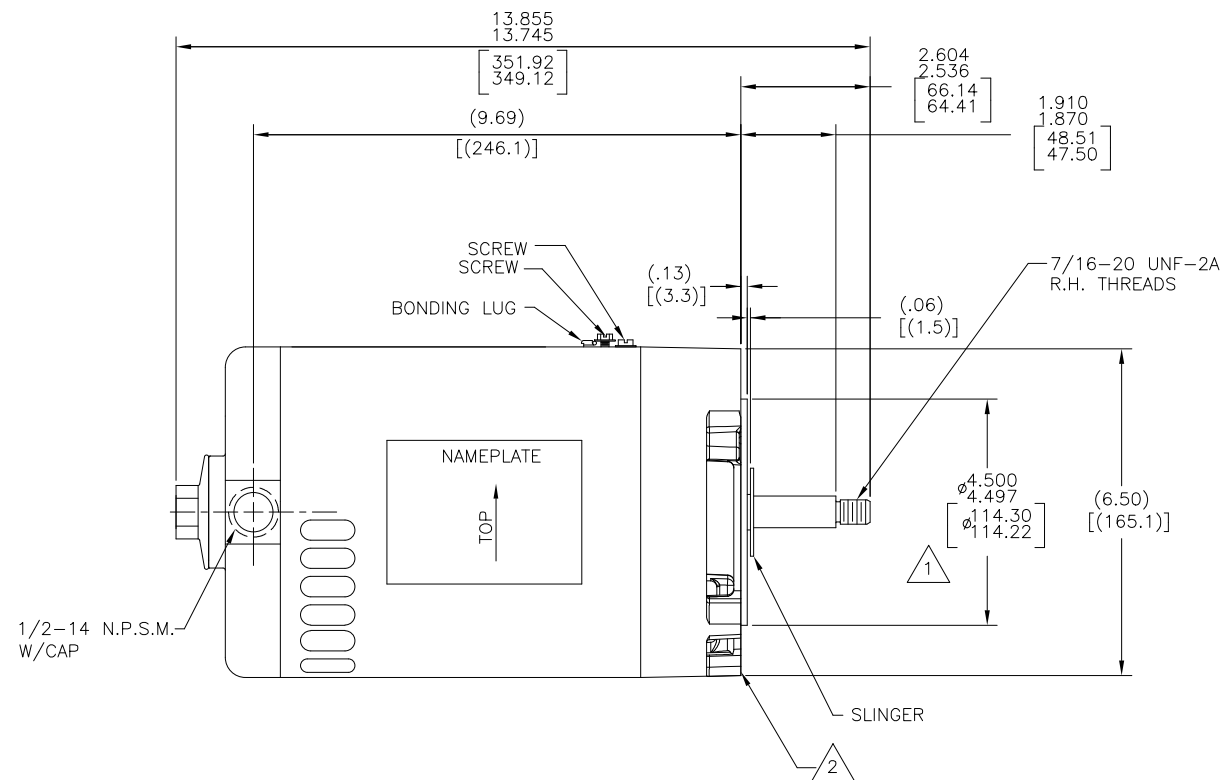
Nameplate Specifications

Phase	3	Output HP	3.0 Hp
Output KW	2.2 kW	Voltage	208-230/460 V
Speed	3450 rpm	Service Factor	1.15
Frame	N56J	Enclosure	Drip Proof
Thermal Protection	No Protection	Ambient Temperature	40 °C
Frequency	60 Hz	Current	9.0-8.6/4.3 A
Duty	Continuous	Insulation Class	B
UL	Recognized	CSA	Y
Number of Speeds	1		

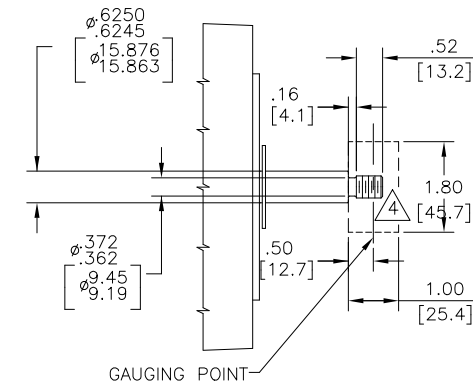
Technical Specifications

Electrical Type	Polyphase, Induction Type, Single Or Dual Voltage	Poles	2
Rotation	Reversible Counterclockwise	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	7/16 Threaded	Overall Length	13.12 in
Frame Length	7.25 in	Shaft Diameter	0.625 in
Shaft Extension	2.604 in		
Connection Drawing	18304024.PCX	Outline Drawing	H741-S01

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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	183040-24 <table><tr><th>LOW VOLTAGE</th><th>TO REVERSE, INTER-CHANGE ANY TWO LEADS.</th><th>HIGH VOLTAGE</th></tr><tr><td>4-BROWN</td><td>7-PURPLE</td><td>4-BROWN</td></tr><tr><td>5-ORANGE</td><td>8-ORANGE</td><td>5-ORANGE</td></tr><tr><td>6-BLACK</td><td>9-PINK</td><td>6-BLACK</td></tr><tr><td>1-RED</td><td>2-WHITE</td><td>1-RED</td></tr><tr><td>7-PURPLE</td><td>3-BLUE</td><td>7-PURPLE</td></tr><tr><td>8-ORANGE</td><td></td><td>8-ORANGE</td></tr><tr><td>9-PINK</td><td></td><td>9-PINK</td></tr><tr><td>2-WHITE</td><td></td><td>2-WHITE</td></tr><tr><td>3-BLUE</td><td></td><td>3-BLUE</td></tr></table>	LOW VOLTAGE	TO REVERSE, INTER-CHANGE ANY TWO LEADS.	HIGH VOLTAGE	4-BROWN	7-PURPLE	4-BROWN	5-ORANGE	8-ORANGE	5-ORANGE	6-BLACK	9-PINK	6-BLACK	1-RED	2-WHITE	1-RED	7-PURPLE	3-BLUE	7-PURPLE	8-ORANGE		8-ORANGE	9-PINK		9-PINK	2-WHITE		2-WHITE	3-BLUE		3-BLUE	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. END PLAY NOT TO EXCEED .010 MEASURED WITH NO THRUST 5. ALL DIMENSIONS SHOWN IN PARENTHESIS ARE REFERENCE DIMENSIONS
LOW VOLTAGE	TO REVERSE, INTER-CHANGE ANY TWO LEADS.	HIGH VOLTAGE																														
4-BROWN	7-PURPLE	4-BROWN																														
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1-RED	2-WHITE	1-RED																														
7-PURPLE	3-BLUE	7-PURPLE																														
8-ORANGE		8-ORANGE																														
9-PINK		9-PINK																														
2-WHITE		2-WHITE																														
3-BLUE		3-BLUE																														



DETAIL A
SCALE = 1:2

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

DRAWING REVISION	REVISION BY	DATE	TOLERANCES UNLESS OTHERWISE SPECIFIED	DRAWN BY:	REGAL™ Regal Beloit America, Inc.
ECO	S. JIMENEZ	10-8-2024	DEC. INCH mm ANGLE	KHR	
ECR-0237225	DATE	10-8-2024	.X ±0.1 [±2.5]	08-29-2005	
ECO DESCRIPTION	S. JIMENEZ		.XX ±0.02 [±0.51]	APPROVED BY:	
SEE ECR			.XXX ±0.005 [±0.127]	DATE:	
			.XXXX ±0.0005 [±0.0127]	07-29-2006	
			REMOVE BURRS & BREAK SHARP EDGES .003/.015 [.076/.381]	REFERENCE	
			CORNER FILLETS .02 [.51]		
			MACHINED SURFACES .125 [3.175]		
			mm SHOWN IN [BRACKETS]		
				THIRD ANGLE PROJECTION	
				SIZE DWG NO	
				C	
				H741	
				SHEET	
				1	