

PRODUCT INFORMATION PACKET



Model No: B836

Catalog No: B836

Pool Pump Motor, 2.0 HP, 1 Ph, 60 Hz, 230/115 V, 3600 RPM, Y56J Frame, DP



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Nameplate Specifications

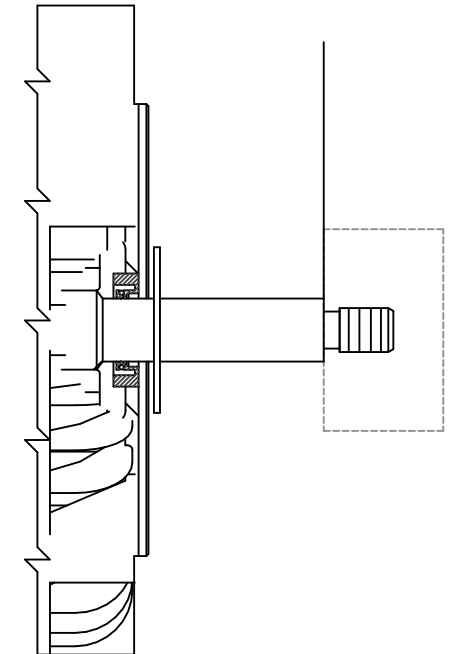
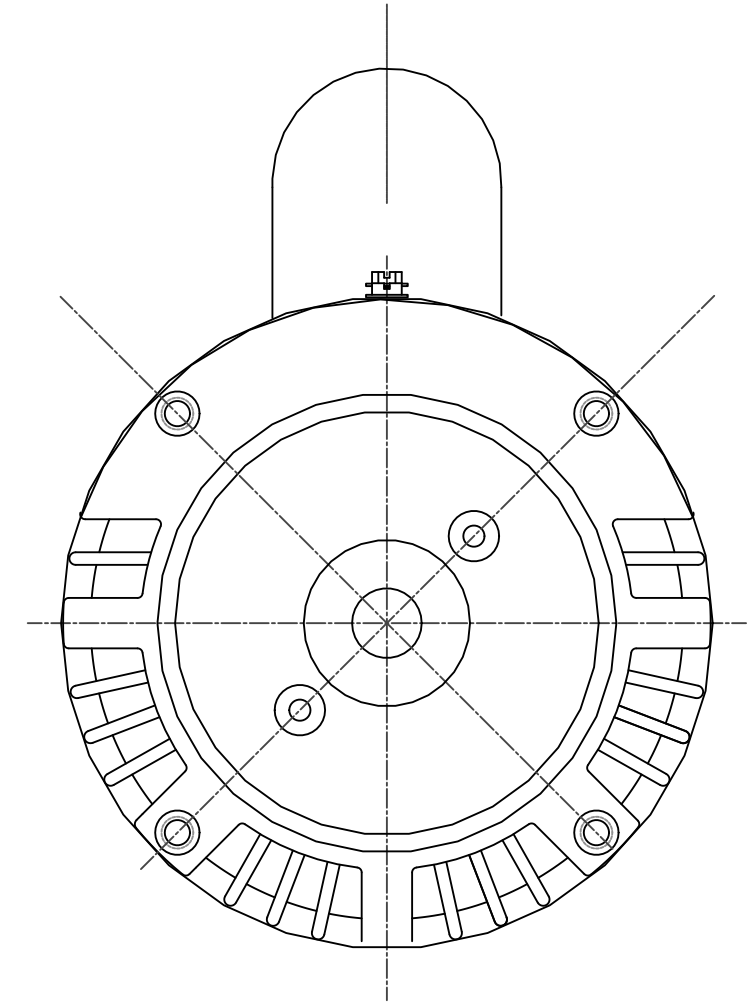
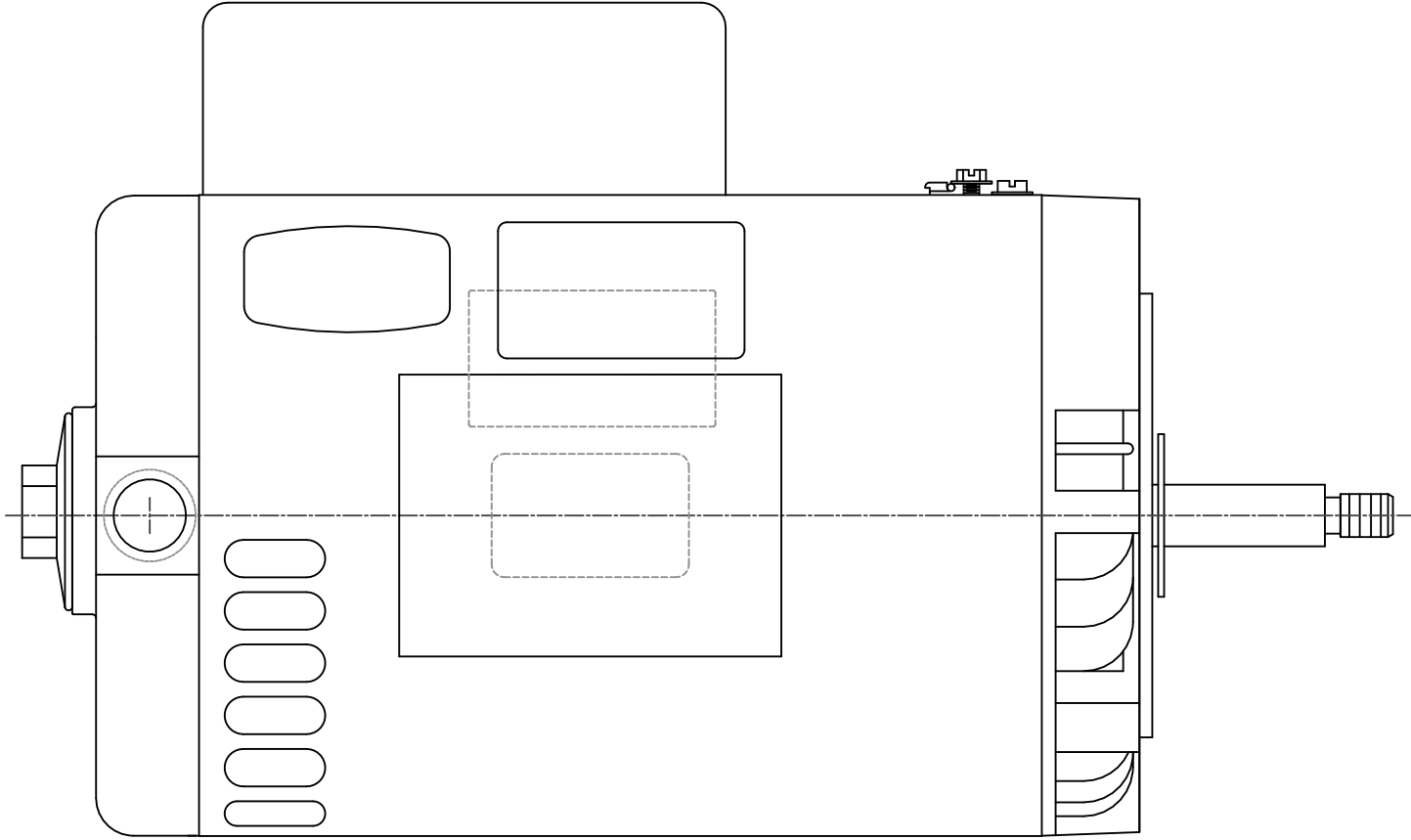
Output HP	2.0 Hp	Output KW	1.5 kW
Frequency	60 Hz	Voltage	230/115 V
Current	SF 10.8/21.6 A	Speed	3450 rpm
Service Factor	1.2	Phase	1
Duty	Continuous	Insulation Class	B
Frame	Y56J	Enclosure	Drip Proof
Thermal Protection	Thermally Protected	Ambient Temperature	50 °C
UL	Recognized	CSA	Y
Number of Speeds	1		

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	7/16 Threaded	Overall Length	13.90 in
Frame Length	8.50 in	Shaft Diameter	0.625 in
Shaft Extension	2.57 in		
Outline Drawing	B836	Connection Drawing	17536715.PCX

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C

B

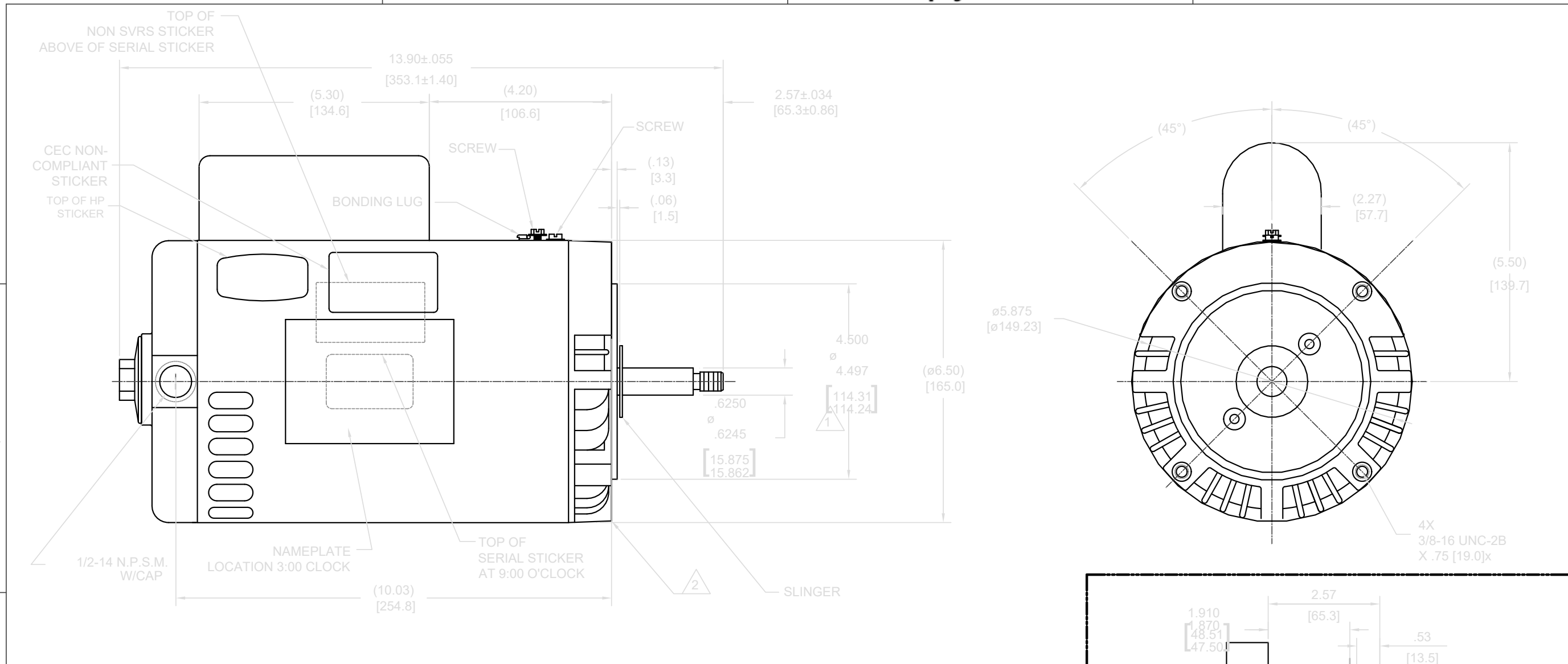
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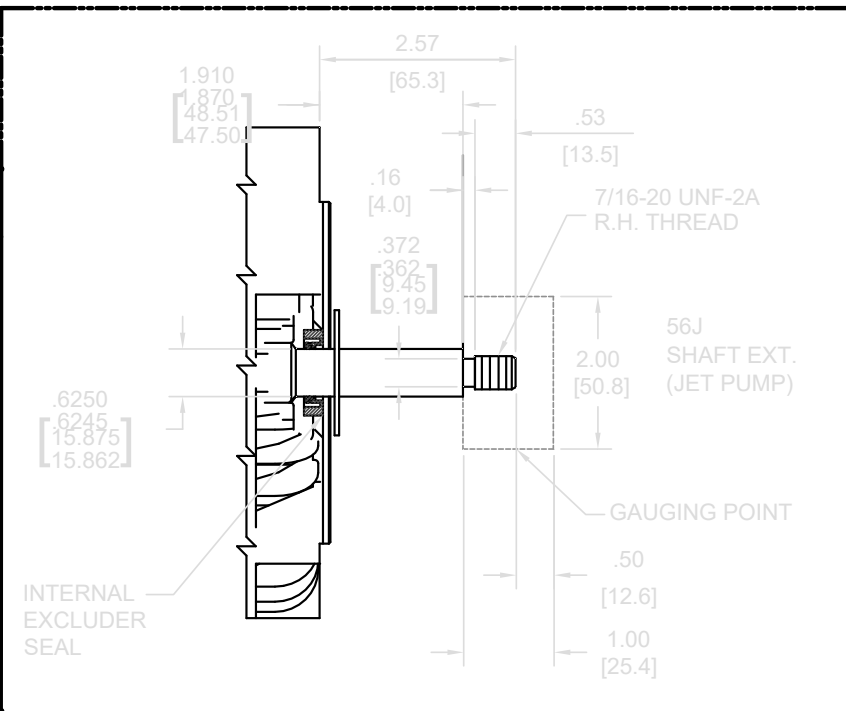
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B

A



NAMEPLATE DATA		EXTERNAL CONNECTION DIAGRAM	NOTES
MODEL: 164728 CUST PN: B836 HP: 2.0 ROT: CCWPE RPM: 3450 TYPE: CX FORM: CODE: G FRAME: Y 56 J VOLTS: 230/115 AMPS: SF 10.8/21.6 MAX AMPS: --- SF AMPS: --- PH: 1 INS: B DUTY: CONT ENCLOSURE: ODP THERMALLY PROTECTED		LOW VOLTAGE BROWN — B — L1 — LINE WHITE — L2 — LINE — A HIGH VOLTAGE WHITE — B — L1 — LINE — L2 — LINE BROWN — A NON-REVERSIBLE	1 PILOT DIAMETER IS CONCENTRIC WITH SHAFT CENTERLINE WITHIN .004[.10] T.I.R. 2 FACE OF MOUNTING FLANGE IS PERPENDICULAR TO SHAFT CENTERLINE WITHIN .004[.10] T.I.R. 3 SHAFT RUNOUT NOT TO EXCEED .002[.05] T.I.R. 4 END PLAY NOT TO EXCEED .010[.25] MEASURED WITH NO THRUST 5 ALL DIMENSIONS SHOWN IN PARENTHESIS ARE REFERENCE DIMENSIONS.



PERFORMANCE CURVE		APPROVED SAMPLE	
16367411			
UL COMPONENT		CSA	
FILE#	CCN#	FILE#	GUIDE#
E14663	XEWR2	LR4642	4211-01
CUSTOMER		DISTRIBUTION	

DRAWING REVISION E	REVISION BY D.SURYAWANSHI	DATE 01/25/2021	TOLERANCES UNLESS OTHERWISE SPECIFIED DEC. INCH mm ANGLE X ±0.1 [±2.5] ±0.5° XX ±0.02 [±0.51] XXX ±0.005 [±0.127] XXXX ±0.0005 [±0.0127] REMOVE BURRS & BREAK SHARP EDGES .003/.015 [076/381] X 45° CORNER FILLETS R.02 [51] MACHINED SURFACES INCH mm mm SHOWN IN [BRACKETS]	DRAWN BY: AS	REGAL™ Regal Beloit America, Inc.	
ECO ECR-0206756	APPROVED BY	DATE		DATE: 10-21-2010		
ECO DESCRIPTION ADDED THP LABEL				APPROVED BY: TZ	DESCRIPTION MODEL-CFHP-56FR	
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				REFERENCE	MATERIAL	PROCESS/FINISH
				THIRD ANGLE PROJECTION	SIZE DWG NO C B836	SHEET 1