

# PRODUCT INFORMATION PACKET



Model No: B2848V1

Catalog No: B2848V1

Pool Pump Motor, 1.0 HP, 1 Ph, 60 Hz, 115/230 V, 3600 RPM, Y56Y Frame, DP



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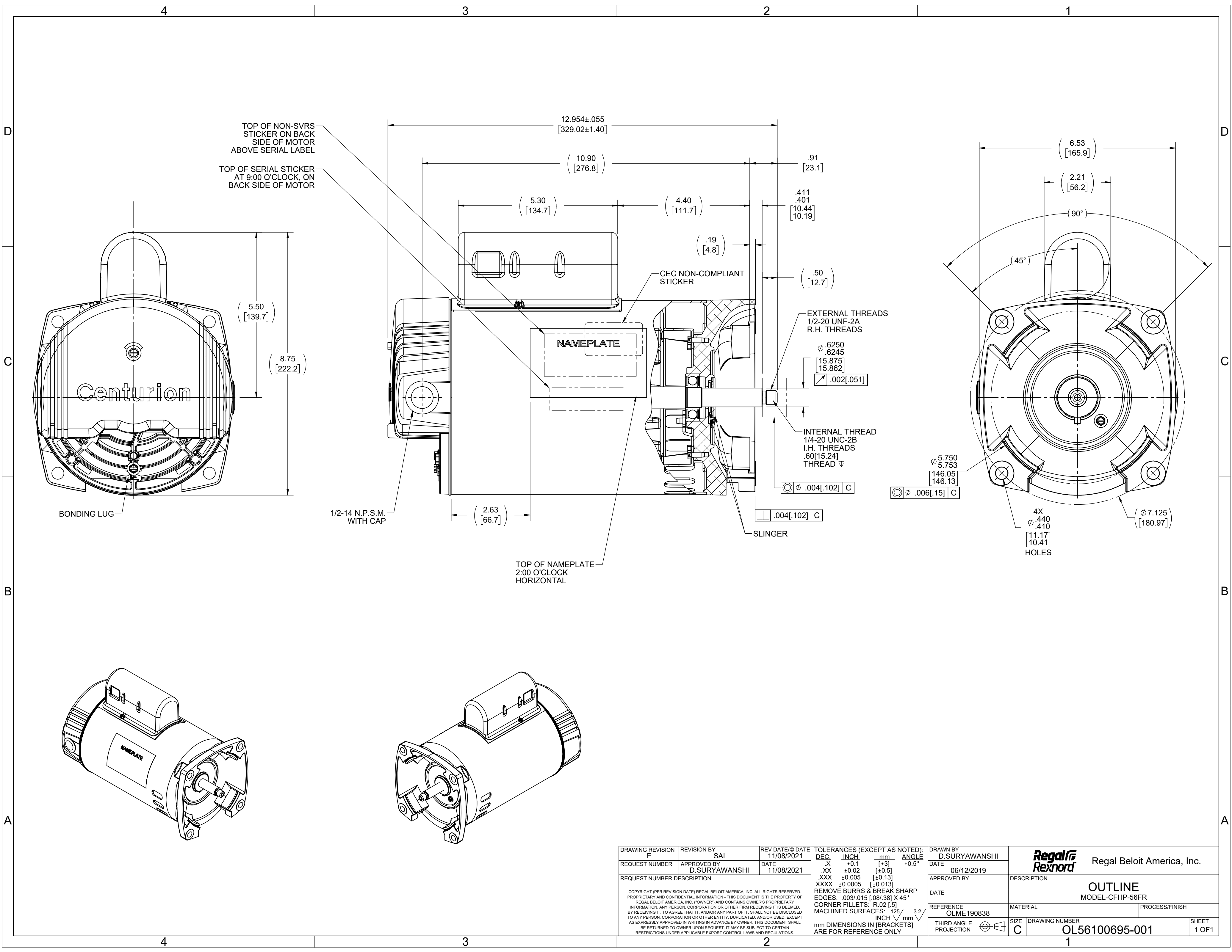
### Nameplate Specifications

|                     |            |                    |                     |
|---------------------|------------|--------------------|---------------------|
| Output HP           | 1.0 Hp     | Output KW          | 0.75 kW             |
| Frequency           | 60 Hz      | Voltage            | 115/230 V           |
| Current             | 11.8/5.9 A | Speed              | 3450 rpm            |
| Service Factor      | 1.65       | Phase              | 1                   |
| Efficiency          | 61 %       | Duty               | Continuous          |
| Insulation Class    | F          | Frame              | Y56Y                |
| 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 | Starting Method       | Across The Line           |
| 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            | 1/2 Thread                |
| Overall Length     | 12.95 in                                          | Frame Length          | 8.50 in                   |
| Shaft Diameter     | 0.625 in                                          | Shaft Extension       | 0.91 in                   |
| Connection Drawing | 17536729.PCX                                      | Outline Drawing       | OL56100695-001            |

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------|--|-----------------------------|--|---------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|---------------------------|--|---------------------------------------------------------------------------------------|--|----------------------------------|--|-----------------|--|
| DRAWING REVISION<br>E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | REVISION BY<br>SAI           |  | REV DATE/DATE<br>11/08/2021 |  | TOLERANCES (EXCEPT AS NOTED):<br>DEC. INCH mm ANGLE                                                                             |  |                                                                                       |  | DRAWN BY<br>D.SURYAWANSHI |  |  |  | Regal Beloit America, Inc.       |  |                 |  |
| REQUEST NUMBER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | APPROVED BY<br>D.SURYAWANSHI |  | DATE<br>11/08/2021          |  | .X ±0.1 [±3] ±0.5°<br>.XX ±0.02 [±0.5]<br>.XXX ±0.005 [±0.13]<br>.XXXX ±0.0005 [±0.013]                                         |  |                                                                                       |  | DATE<br>06/12/2019        |  |                                                                                       |  |                                  |  |                 |  |
| REQUEST NUMBER DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                              |  |                             |  | REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.08/.38] X 45°<br>CORNER FILLETS: R.02 [.5]<br>MACHINED SURFACES: .125/3.2 INCH/mm |  |                                                                                       |  | APPROVED BY               |  | DESCRIPTION                                                                           |  |                                  |  |                 |  |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                              |  |                             |  | REFERENCE<br>OLME190838                                                                                                         |  | MATERIAL                                                                              |  | PROCESS/FINISH            |  | SIZE<br>C                                                                             |  | DRAWING NUMBER<br>OL56100695-001 |  | SHEET<br>1 OF 1 |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                              |  |                             |  | THIRD ANGLE PROJECTION                                                                                                          |  |  |  |                           |  |                                                                                       |  |                                  |  |                 |  |
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