

# PRODUCT INFORMATION PACKET



Model No: 215TTDW4071

Catalog No: M810A

10 HP Vertical Solid Shaft P-Base Motor, 3 phase, 1800 RPM, 230/460 V, 215HPV Frame, ODP  
Vertical Pump Motors

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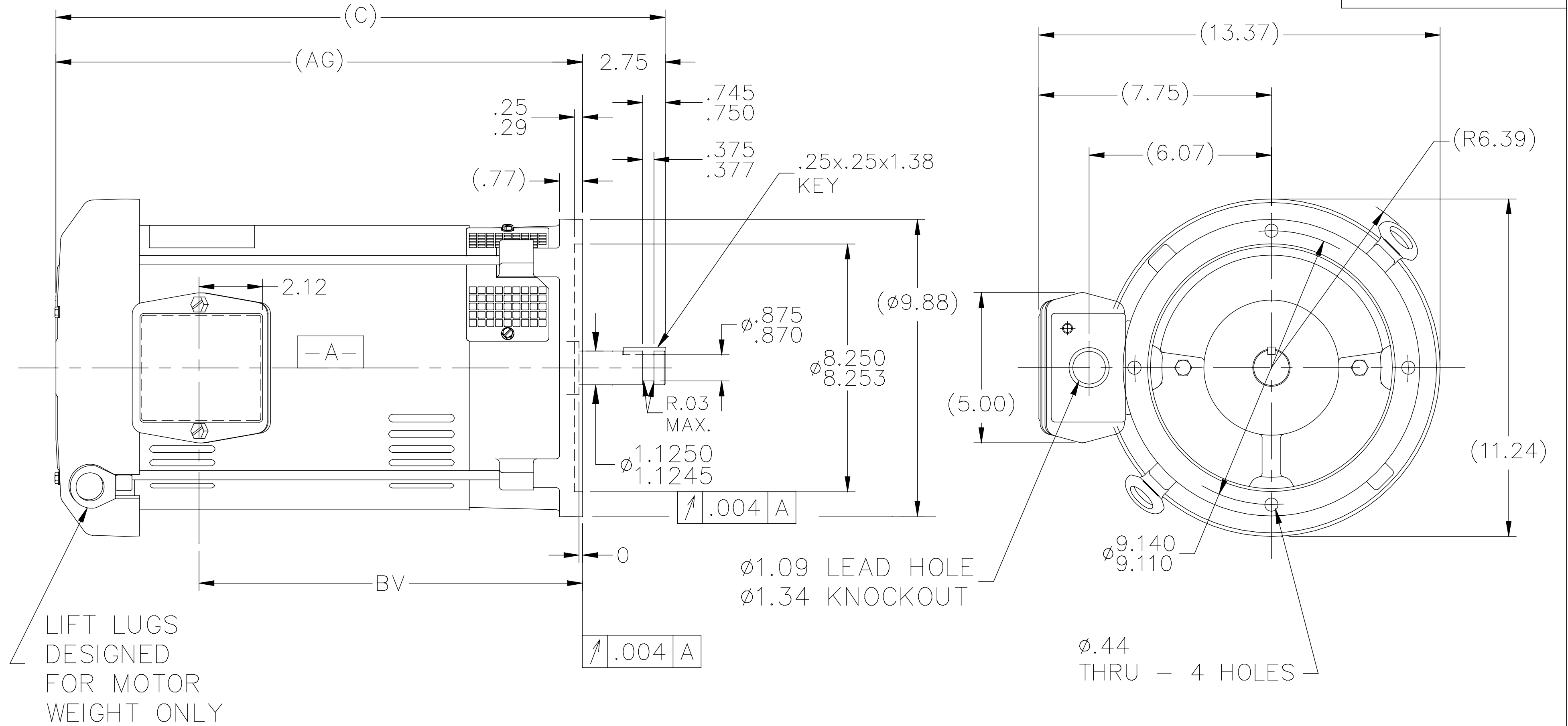
### Nameplate Specifications

|                        |             |                            |            |
|------------------------|-------------|----------------------------|------------|
| Output HP              | 10 Hp       | Output KW                  | 7.5 kW     |
| Frequency              | 60 Hz       | Voltage                    | 230/460 V  |
| Current                | 25.0/12.5 A | Speed                      | 1750 rpm   |
| Service Factor         | 1.15        | Phase                      | 3          |
| Efficiency             | 89.5 %      | Power Factor               | 85         |
| Duty                   | Continuous  | Insulation Class           | B          |
| Design Code            | B           | KVA Code                   | G          |
| Frame                  | 215HPV      | Enclosure                  | Drip Proof |
| Thermal Protection     | No          | Ambient Temperature        | 40 °C      |
| Drive End Bearing Size | 6309        | Opp Drive End Bearing Size | 6206       |
| UL                     | Recognized  | CSA                        | Y          |
| CE                     | Y           | IP Code                    | 22         |
| Number of Speeds       | 1           |                            |            |

### Technical Specifications

|                       |                             |                       |                 |
|-----------------------|-----------------------------|-----------------------|-----------------|
| Electrical Type       | Squirrel Cage Induction Run | Starting Method       | Across The Line |
| Poles                 | 4                           | Rotation              | Reversible      |
| Resistance Main       | 1.31 Ohms                   | Mounting              | Round           |
| Motor Orientation     | Shaft Down                  | Drive End Bearing     | Ball            |
| Opp Drive End Bearing | Ball                        | Frame Material        | Rolled Steel    |
| Shaft Type            | HP                          | Overall Length        | 20.30 in        |
| Frame Length          | 11.15 in                    | Shaft Diameter        | 1.125 in        |
| Shaft Extension       | 2.75 in                     | Assembly/Box Mounting | F1/F2 CAPABLE   |
| Connection Drawing    | A-EE7308                    | Outline Drawing       | A-SS86651-1115  |


SS86651



| DASH | FR.      | C     | AG    | BV    |  |
|------|----------|-------|-------|-------|--|
| 965  | 213HP    | 18.80 | 16.05 | 11.28 |  |
| 1115 | 213/15HP | 20.30 | 17.55 | 12.78 |  |
| 1240 | 213/15HP | 21.55 | 18.80 | 14.03 |  |

NOTES:

- NOTES:
1. NAMEPLATE TO BE READ FROM SHAFT EXT. END OF MOTOR.
  2. BOX CAN BE MOUNTED IN 90° STEPS.

|  |                                 |                 |         |                                |                  |   |                      |                     |      |           |
|--|---------------------------------|-----------------|---------|--------------------------------|------------------|---|----------------------|---------------------|------|-----------|
|  |                                 |                 |         | TOLERANCES<br>UNLESS SPECIFIED |                  |  <b>Regal Beloit America, Inc.</b> | DRAWN PGK 06-10-1997 |                     |      |           |
| 5  | REGAL LOGO ADDED.               | SYED 10/09/2015 |         | DEC.                           | INCHES           |   | CHK ML 06-12-1997    |                     |      |           |
| 4  | UPDATED DRAWING                 | TJW 04/30/2007  |         | .X                             | ±.1              |   | APPD DR 06-24-1997   |                     |      |           |
| 3  | REDRAWN IN AUTOCAD              | TAT 07-22-2004  | ML      | .XX                            | ±.03             |   | SCALE 1=5            |                     |      |           |
| 2  | UPDATED C'BOX GEOMETRY CN 28425 | DRS 01-12-2000  |         | .XXX                           | ±.005            | TITLE OUTLINE – P' BASE<br>210HP FR. – DR.PR.   | REF                  |                     |      |           |
| 1  | NEW DRAWING                     | PGK 07-07-1997  |         | .XXXX                          | ±.0005           |   | FMF                  |                     |      |           |
| NO.  | REVISION                        | BY & DATE       | CHK     | ANG                            | ± 7'30"          | FINISH  |                      |                     | PREV |           |
| THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT<br>IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED<br>THIS IS AN ELECTRONICALLY GENERATED DOCUMENT – DO NOT SCALE THIS PRINT |                                 |                 | RFP     |                                | CAD FILE ss86651 |   | SIZE<br>A            | DRAWING NO. PAGE OF |      | REV.<br>5 |
|  |                                 |                 | DIST LB |                                |                  |   |                      | SS86651             |      |           |



| NO.  | REVISION                                       | BY & DATE      | CHK | ANG   | TOLERANCES<br>UNLESS SPECIFIED |                 | DRAWN RM | 11/20/1990               |
|--|--|----------------|-----|-------|--------------------------------|-----------------|----------|--------------------------|
|  |  |                |     |       | DEC.                           | INCHES          |          |                          |
| 5  | CHG TO REGAL LOGO                              | SL 09/10/2015  | AB  |       |                                |                 | CHK      | ML 11/21/1990            |
| 4  | REVISED IEC NOTATIONS                          | MSG 11/15/2011 | CMN | .X    | ±.1                            |                 | APPD     | SAS 04/24/2003           |
| 3  | ADDED IEC NOTATIONS... (U1), (V1) ETC. MU95194 | MSG 5/10/2010  | MJS | .XX   | ±.02                           |                 | SCALE    | 1=1                      |
| 2  | ADDED THE OPTIONAL CORD CONNECTION MU46318     | RDH 04/24/2003 | DRS | .XXX  | ±.005                          |                 | REF      |                          |
| 1  | REDRAWN  | RM 11/20/1990  |     | .XXXX | ±.0005                         |                 | FMF      |                          |
|  |  |                |     |       | ±7'30"                         |                 | PREV     |                          |
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|  |  |                |     |       | DIST WP                        |                 | A        | EE7308 5                 |