

PRODUCT INFORMATION PACKET



Model No: 215TTDW14087

Catalog No: M805A

5 HP Vertical Solid Shaft P-Base Motor, 3 phase, 1200 RPM, 230/460 V, 215HPV Frame, ODP
Vertical Pump Motors

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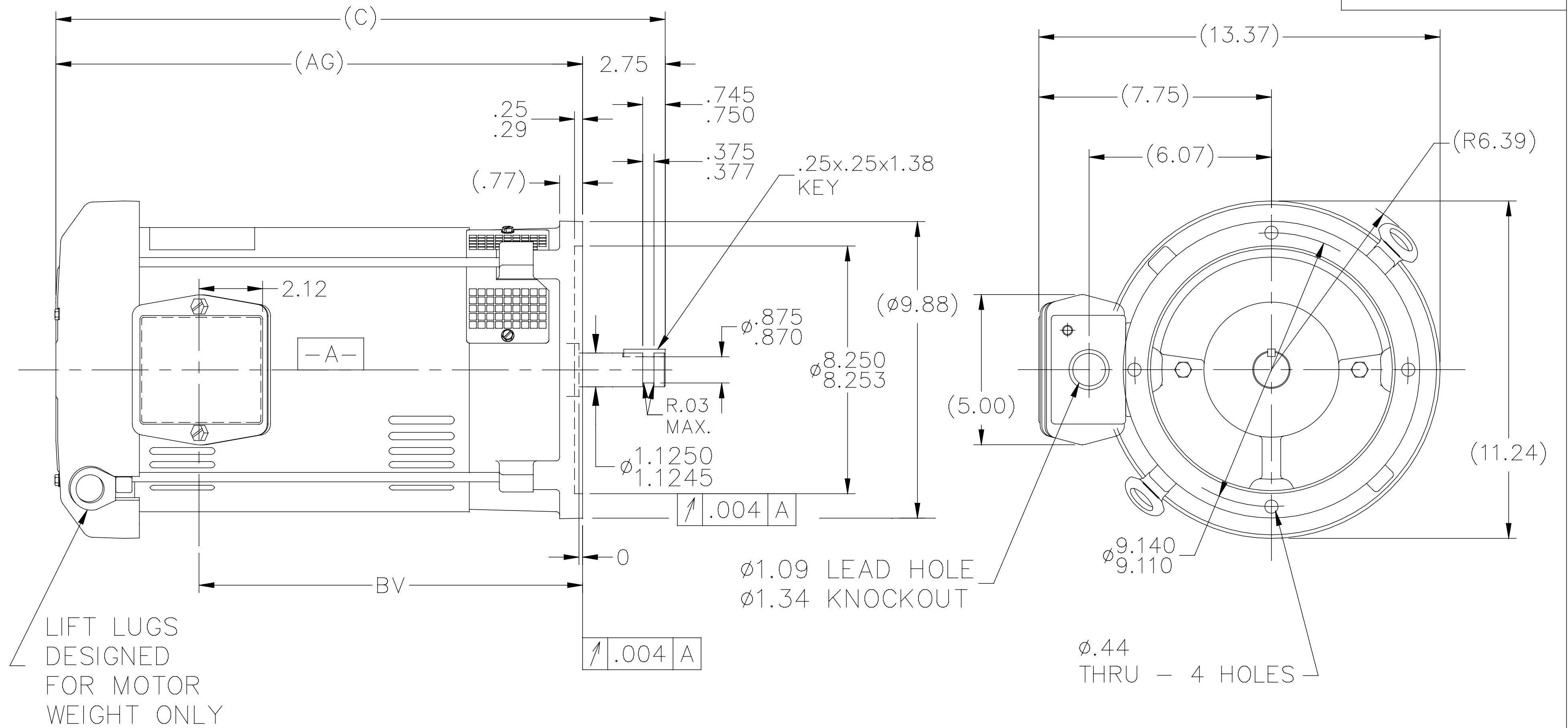
Nameplate Specifications

| | | | |
|------------------------|------------|----------------------------|------------|
| Output HP | 5 Hp | Output KW | 3.7 kW |
| Frequency | 60 Hz | Voltage | 230/460 V |
| Current | 14.2/7.1 A | Speed | 1170 rpm |
| Service Factor | 1.15 | Phase | 3 |
| Efficiency | 87.5 % | Power Factor | 73 |
| Duty | Continuous | Insulation Class | B |
| Design Code | B | KVA Code | H |
| 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 | 6 | Rotation | Reversible |
| Resistance Main | 1.96 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 | 21.55 in |
| Frame Length | 12.40 in | Shaft Diameter | 1.125 in |
| Shaft Extension | 2.75 in | Assembly/Box Mounting | F1/F2 CAPABLE |
| Outline Drawing | A-SS86651-1240 | Connection Drawing | A-EE7308 |


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:

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

| | | | | | | | | | | |
|--|---------------------------------|-----------------|---------|--------------------------------|------------------|---|----------------------|---------------------|---------|-----------|
| | | | | TOLERANCES UNLESS SPECIFIED | |  Regal Beloit America, Inc. | 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 | | REF | | | |
| 1 | NEW DRAWING | PGK 07-07-1997 | | .XXXX | ±.0005 | MAT'L. | 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 IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT – DO NOT SCALE THIS PRINT | | | RFP | | CAD FILE ss86651 | | SIZE A | DRAWING NO. SS86651 | PAGE OF | REV. 5 |
| | | | DIST LB | | | | | | | |



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|--|--|----------------|---------|--------------------------------|-----------------|---|---------------------|-------------|------|----|------|
| | | | | TOLERANCES UNLESS SPECIFIED | |  Regal Beloit America, Inc. | DRAWN RM 11/20/1990 | | | | |
| 5 | CHG TO REGAL LOGO | SL 09/10/2015 | AB | DEC. | INCHES | | 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 | TITLE CONNECTION DIAGRAM 3ø – DUAL VOLTAGE MOTOR | REF | | | | |
| 1 | REDRAWN | RM 11/20/1990 | | .XXXX | ±.0005 | MAT'L. | FMF | | | | |
| NO. | REVISION | BY & DATE | CHK | ANG | ±7"30" | FINISH | PREV | | | | |
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