

# PRODUCT INFORMATION PACKET



Model No: 184TTFR4009

Catalog No: U322

Close-Coupled Pump Motor, 5 & 3 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 3600 & 3000 RPM,  
184JM Frame, TEFC

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### Nameplate Specifications

|                        |                      |                            |                             |
|------------------------|----------------------|----------------------------|-----------------------------|
| Phase                  | 3                    | Output HP                  | 5 & 3 Hp                    |
| Output KW              | 3.7 & 2.2 kW         | Voltage                    | 230/460 & 190/380 V         |
| Speed                  | 3475 & 2910 rpm      | Service Factor             | 1.15 & 1.15                 |
| Frame                  | 184JM                | Enclosure                  | Totally Enclosed Fan Cooled |
| Thermal Protection     | No Protection        | Efficiency                 | 87.5 & 85.5 %               |
| Ambient Temperature    | 40 °C                | Frequency                  | 60 & 50 Hz                  |
| Current                | 12.4/6.2 & 9.6/4.8 A | Power Factor               | 88                          |
| Duty                   | Continuous           | Insulation Class           | F                           |
| Design Code            | B                    | KVA Code                   | J                           |
| Drive End Bearing Size | 6307                 | Opp Drive End Bearing Size | 6205                        |
| UL                     | Recognized           | CSA                        | Y                           |
| CE                     | Y                    | IP Code                    | 43                          |
| Number of Speeds       | 1                    |                            |                             |

### Technical Specifications

|                       |                             |                       |                 |
|-----------------------|-----------------------------|-----------------------|-----------------|
| Electrical Type       | Squirrel Cage Induction Run | Starting Method       | Across The Line |
| Poles                 | 2                           | Rotation              | Reversible      |
| Resistance Main       | 2.12 Ohms                   | Mounting              | Rigid Base      |
| Motor Orientation     | Horizontal                  | Drive End Bearing     | Ball            |
| Opp Drive End Bearing | Ball                        | Frame Material        | Rolled Steel    |
| Shaft Type            | JM                          | Overall Length        | 18.85 in        |
| Frame Length          | 7.25 in                     | Shaft Diameter        | 0.875 in        |
| Shaft Extension       | 4.28 in                     | Assembly/Box Mounting | F1/F2 CAPABLE   |
| Connection Drawing    | A-EE7308                    | Outline Drawing       | A-SS65647-725   |



|  |  |                | TOLERANCES<br>UNLESS SPECIFIED |       |  <b>Regal Beloit America, Inc.</b> | 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  | <b>TITLE CONNECTION DIAGRAM<br/>3Ø - DUAL VOLTAGE MOTOR</b> |             |              |
| 2  | ADDED THE OPTIONAL CORD CONNECTION MU46318     | RDH 04/24/2003 | DRS                            | .XXX  | ±.005   |   |             |              |
| 1  | REDRAWN  | RM 11/20/1990  |                                | .XXXX | ±.0005  | SCALE 1=1   |             |              |
| NO.  | REVISION                                       | BY & DATE      | CHK                            | ANG   | ±7'30"  | REF   |             |              |
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|  |  |                |                                |       |   | PREV  |             |              |
|  |  |                |                                |       |   | SIZE  | DRAWING NO. | PAGE OF REV. |
|  |  |                |                                |       |   | A   | EE7308      | 5            |