

# PRODUCT INFORMATION PACKET



Model No: 297  
Catalog No: 297  
25 WATT Refrigeration Motor, 1500 RPM, 115 Volts, Unit Bearing,TEAO



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### Nameplate Specifications

|                     |                           |                    |                     |
|---------------------|---------------------------|--------------------|---------------------|
| Output Watts        | 25 W                      | Frequency          | 60 Hz               |
| Voltage             | 115 V                     | Current            | 1.1 A               |
| Speed               | 1500 rpm                  | Service Factor     | 1                   |
| Phase               | 1                         | Duty               | Continuous          |
| Insulation Class    | A                         | Frame              | UNIT BEARING        |
| Enclosure           | Totally Enclosed Air Over | Thermal Protection | Thermally Protected |
| Ambient Temperature | 40 °C                     | UL                 | Recognized          |
| CSA                 | Y                         | CE                 | N                   |
| Number of Speeds    | 1                         |                    |                     |

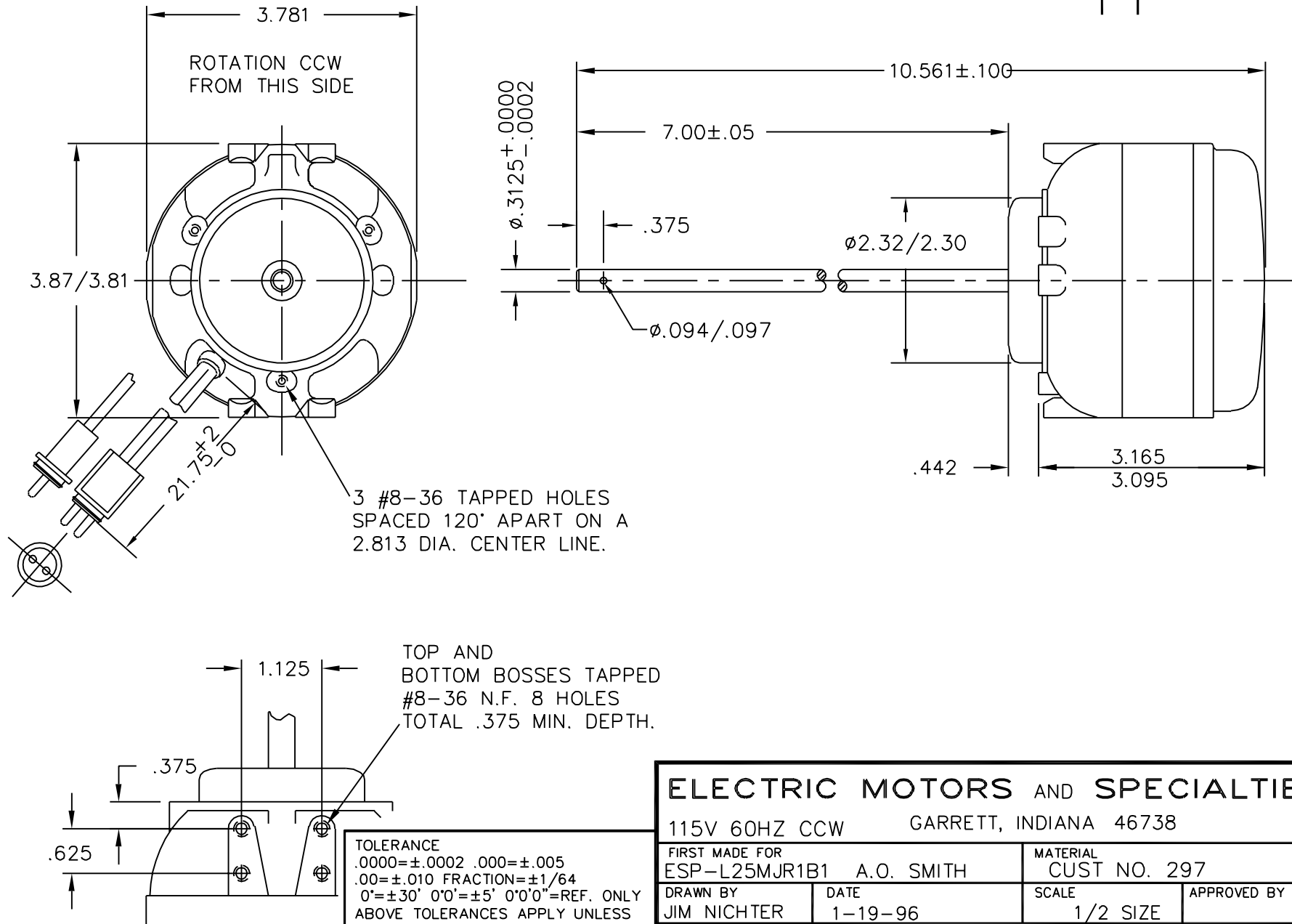
### Technical Specifications

|                       |                    |                   |                           |
|-----------------------|--------------------|-------------------|---------------------------|
| Electrical Type       | Shaded Pole        | Starting Method   | Across The Line           |
| Poles                 | 4                  | Rotation          | Counterclockwise Lead End |
| Mounting              | 2 BOSS/OSE 3 HOLES | Drive End Bearing | Unit                      |
| Opp Drive End Bearing | Unit               | Frame Material    | Cast Iron                 |
| Shaft Type            | Special Extension  | Frame Length      | 3.61 in                   |
| Shaft Diameter        | 0.312 in           | Shaft Extension   | 7 in                      |
| Outline Drawing       | 297-S01            |                   |                           |

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NO. A-23575

| NO. | REVISIONS              | DATE AND SIGNATURE |
|-----|------------------------|--------------------|
| 1   | CUST NAME WAS MAGNETEK | 6-7-02             |
| 2   | REMOVED 60/50HZ        | 6-11-02            |



TOLERANCE  
 .0000 = ± .0002 .000 = ± .005  
 .00 = ± .010 FRACTION = ± 1/64  
 0° = ± 30' 0'0" = ± 5' 0'0" = REF. ONLY  
 ABOVE TOLERANCES APPLY UNLESS  
 OTHERWISE SPECIFIED. TOLERANCES  
 ARE NOT ACCUMULATIVE.

# ELECTRIC MOTORS AND SPECIALTIES INC.

115V 60HZ CCW GARRETT, INDIANA 46738

|                                            |                 |                          |                     |
|--------------------------------------------|-----------------|--------------------------|---------------------|
| FIRST MADE FOR<br>ESP-L25MJR1B1 A.O. SMITH |                 | MATERIAL<br>CUST NO. 297 |                     |
| DRAWN BY<br>JIM NICTER                     | DATE<br>1-19-96 | SCALE<br>1/2 SIZE        | APPROVED BY<br>DATE |
| TITLE<br>MOTOR OUTLINE                     |                 |                          | NO. A-23575         |