

# PRODUCT INFORMATION PACKET

Model No: M1145125.00

Catalog No: M1145125.00

Parallel Shaft Gearmotor, 0.17 HP, 3 Ph, 60 Hz, 208-230 V, 90 RPM, 38 Frame, TEFC



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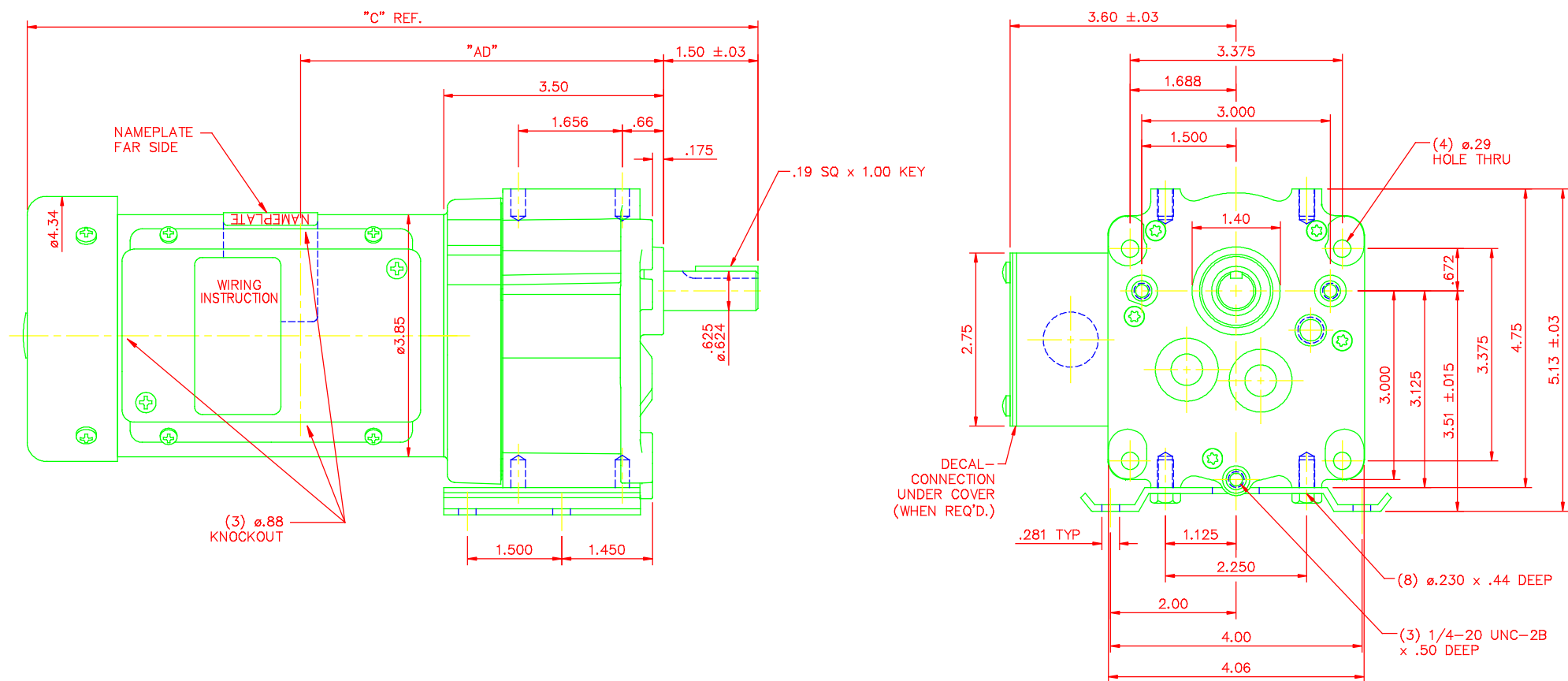
### Nameplate Specifications

|                            |                             |                        |               |
|----------------------------|-----------------------------|------------------------|---------------|
| Output HP                  | 0.17 Hp                     | Output KW              | 0.12 kW       |
| Frequency                  | 60 Hz                       | Voltage                | 208-230 V     |
| Current                    | 0.72 A                      | Speed                  | 90 rpm        |
| Service Factor             | 1                           | Phase                  | 3             |
| Duty                       | Continuous                  | Insulation Class       | F             |
| KVA Code                   | J                           | Frame                  | 38            |
| Enclosure                  | Totally Enclosed Fan Cooled | Thermal Protection     | No Protection |
| Ambient Temperature        | 40 °C                       | Drive End Bearing Size | 6201          |
| Opp Drive End Bearing Size | 6201                        | UL                     | Recognized    |
| CSA                        | Y                           | CE                     | N             |

### Technical Specifications

|                    |            |                 |           |
|--------------------|------------|-----------------|-----------|
| Rotation           | Reversible | Mounting        | Special   |
| Shaft Type         | Parallel   | Overall Length  | 11.63 in  |
| Frame Length       | 5.38 in    | Shaft Diameter  | 0.625 in  |
| Shaft Extension    | 1.5 in     | Torque          | 103 LB-IN |
| Connection Drawing | 005102.01  | Outline Drawing | M1030998  |

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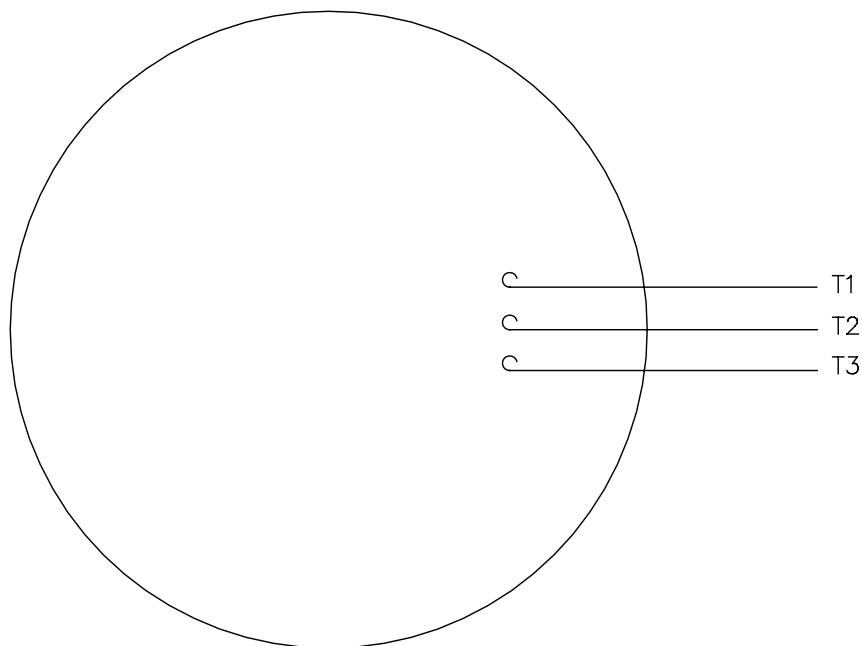
| CATALOG NUMBER | OUTPUT RPM | FULL LOAD TORQUE LB.-IN. | INPUT HP | OVERHUNG LOAD LBS. | RATIO TO 1 | "C"   | "AD" |
|----------------|------------|--------------------------|----------|--------------------|------------|-------|------|
| M1145122.00    | 16         | 391                      | 1/6      | 237                | 103        | 11.63 | 5.75 |
| M1145123.00    | 30         | 295                      | 1/6      | 237                | 58         | 11.63 | 5.75 |
| M1145124.00    | 60         | 157                      | 1/6      | 237                | 29         | 11.63 | 5.75 |
| M1145125.00    | 90         | 103                      | 1/6      | 237                | 19         | 11.63 | 5.75 |
| M1145126.00    | 156        | 60                       | 1/6      | 237                | 11         | 11.63 | 5.75 |

|  |  |  |  | TOLERANCES UNLESS SPECIFIED |        | LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES |  | DRAWN LST 5/27/05 |                      |
|--|--|--|--|-----------------------------|--------|----------------------------------------------|--|-------------------|----------------------|
|  |  |  |  | DEC.                        | INCHES |                                              |  | CHK RW 6/22/05    |                      |
|  |  |  |  | .X                          | ±.1    |                                              |  | APPD KH 6/22/05   |                      |
|  |  |  |  | .XX                         | ±.03   | TITLE                                        |  | SCALE 5-8         |                      |
|  |  |  |  | .XXX                        | ±.005  | P240 GEARBOX - 38 FRAME A.C.                 |  | REF PR040179      |                      |
|  |  |  |  | .XXXX                       | ±.0005 | MAT'L                                        |  | FMF               |                      |
|  |  |  |  | ANG                         | ±1/2"  | FINISH                                       |  | PREV              |                      |
|  |  |  |  | RFP                         |        | CAD FILE M1030998                            |  | SIZE B            | DRAWING NO. M1030998 |
|  |  |  |  | DIST                        |        |                                              |  |                   | REV. 01              |

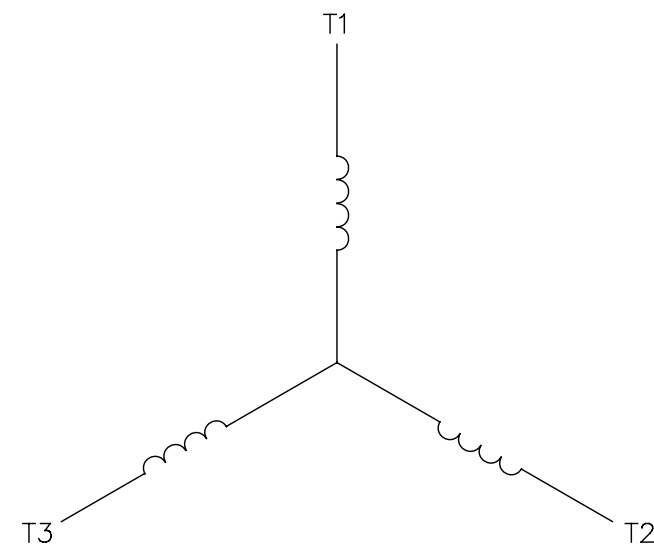
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005102-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS

CONNECT LEADS AS FOLLOWS  
FOR FOUR CONDUCTOR CORD ( )

|       |             |               |               |         |
|-------|-------------|---------------|---------------|---------|
| CORD  | L1<br>(RED) | L2<br>(WHITE) | L3<br>(BLACK) | (GREEN) |
| MOTOR | T1          | T2            | T3            | GROUND  |

|                                                                                                                                                                                                                                        |                                    |              |      |                                |        |                                                                                                                         |  |          |           |       |             |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|--------------|------|--------------------------------|--------|-------------------------------------------------------------------------------------------------------------------------|--|----------|-----------|-------|-------------|------|
|                                                                                                                                                                                                                                        |                                    |              |      | TOLERANCES<br>UNLESS SPECIFIED |        |  <b>Regal Beloit America, Inc.</b> |  |          |           | DRAWN | JRW 9/11/75 |      |
|                                                                                                                                                                                                                                        |                                    |              |      | DEC.                           | INCHES |                                                                                                                         |  |          |           | CHK   |             |      |
|                                                                                                                                                                                                                                        |                                    |              |      | .X                             | ±.1    |                                                                                                                         |  |          |           | APPD  | JCW 9/11/75 |      |
| 08                                                                                                                                                                                                                                     | UPDATED TO REGAL LOGO              | SAJ 06/26/15 | AJY  | .XX                            | ±.01   | TITLE                      EXTERNAL WIRING DIAGRAM<br>TYPE "T" W/O PROTECTOR                                            |  |          |           | SCALE | 1=1         |      |
| 07                                                                                                                                                                                                                                     | UPDATED TO CURRENT STANDARDS       | DBT 5/30/97  |      | .XXX                           | ±.005  |                                                                                                                         |  |          |           | REF   | W-T6343-6   |      |
| 06                                                                                                                                                                                                                                     | REDRAWN ON CAD; ADDED DECAL NUMBER | SAW 1/24/95  |      | .XXXX                          | ±.0005 | MAT'L.                      DECAL - 004169                                                                              |  |          |           | FMF   | 6T17FB7     |      |
| NO.                                                                                                                                                                                                                                    | REVISION                           | BY & DATE    | CHK  | ANG                            | ±1/2*  | FINISH                                                                                                                  |  |          |           | PREV  |             |      |
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|                                                                                                                                                                                                                                        |                                    |              | DIST | BRF-NLV                        |        |                                                                                                                         |  | A        | 005102-01 |       | 08          |      |