

# PRODUCT INFORMATION PACKET



Model No: M1115025.00  
Catalog No: M1115025.00  
Parallel Shaft Gearmotor, 0.05 HP, 90 V, 9 RPM, 30 Frame, TENV



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### Nameplate Specifications

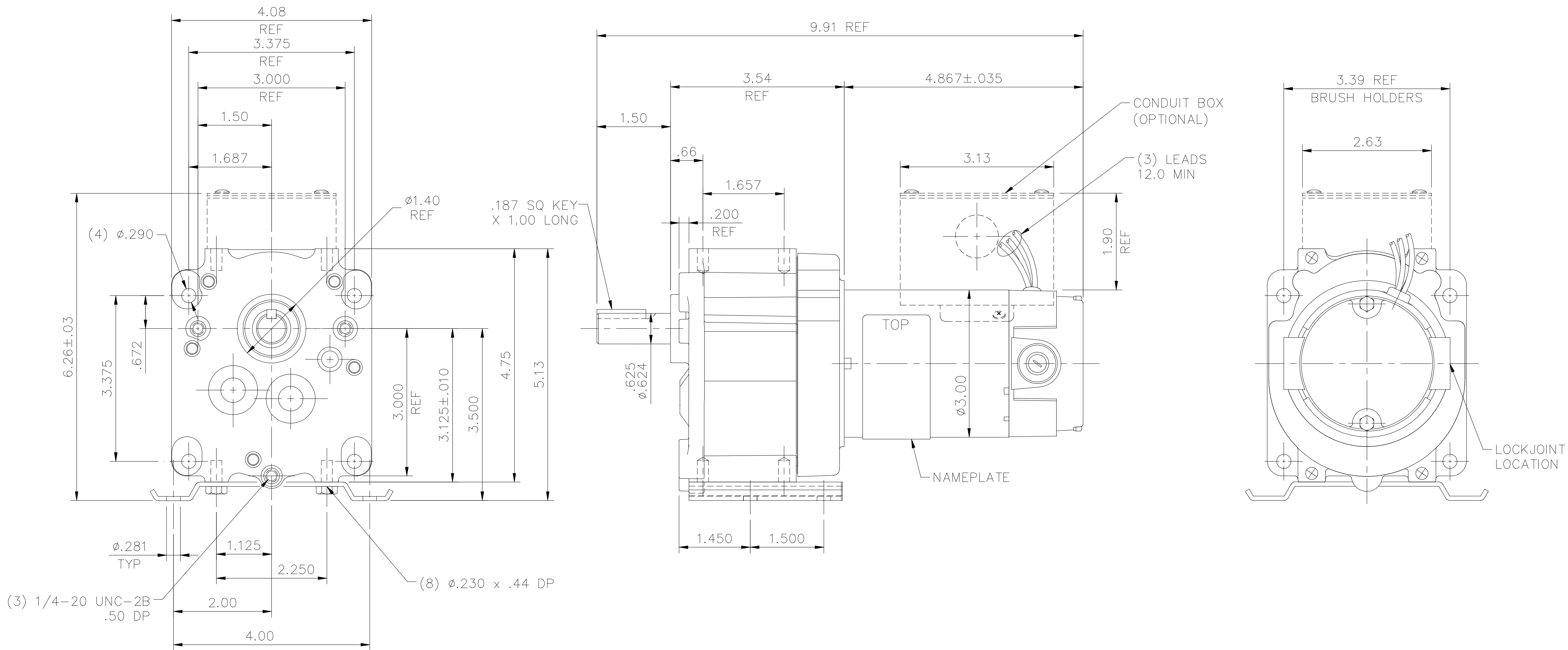
|                            |                                 |                        |               |
|----------------------------|---------------------------------|------------------------|---------------|
| Output HP                  | 0.05 Hp                         | Output KW              | 0.04 kW       |
| Voltage                    | 90 V                            | Speed                  | 9 rpm         |
| Service Factor             | 1.0                             | Frame                  | 30            |
| Enclosure                  | Totally Enclosed Non Ventilated | Thermal Protection     | No Protection |
| Efficiency                 | 43.8 %                          | Ambient Temperature    | 40 °C         |
| Current                    | 0.54 A                          | Duty                   | Continuous    |
| Insulation Class           | F                               | Drive End Bearing Size | 2034          |
| Opp Drive End Bearing Size | 2034                            | UL                     | Recognized    |
| CSA                        | Y                               | CE                     | Y             |

### Technical Specifications

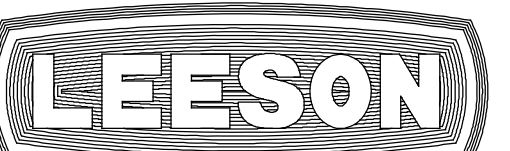
|                    |            |                 |                   |
|--------------------|------------|-----------------|-------------------|
| Rotation           | Reversible | Mounting        | Special           |
| Shaft Type         | Parallel   | Overall Length  | 9.91 in           |
| Frame Length       | 3.36 in    | Shaft Diameter  | 0.625 in          |
| Shaft Extension    | 1.5 in     | Torque          | 268 LB-IN         |
| Connection Drawing | M100530201 | Outline Drawing | M1030964-M1115025 |

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M1030964

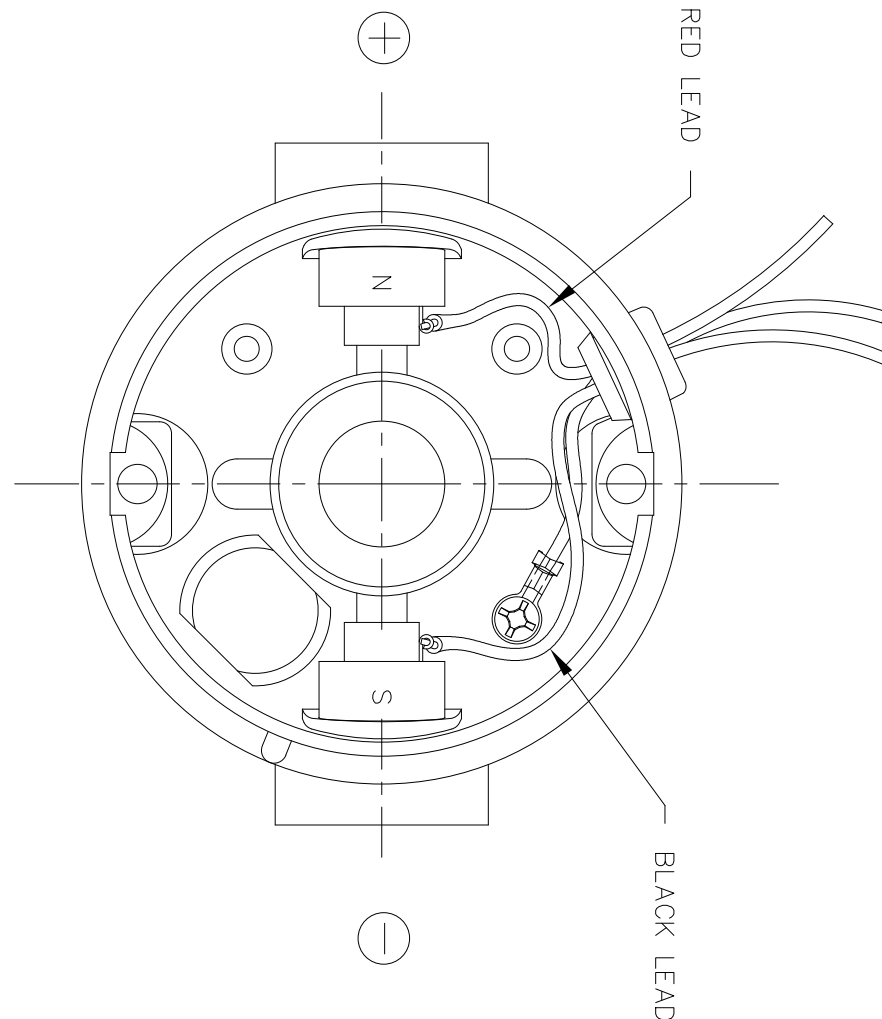


| CATALOG No. | VOLTS | HP   | RATIO | TORQUE IN-LB | RPM |
|-------------|-------|------|-------|--------------|-----|
| M1115024.00 | 90    | 1/20 | 336:1 | 353          | 5   |
| M1115025.00 | 90    | 1/20 | 216:1 | 268          | 9   |
| M1115026.00 | 90    | 1/20 | 103:1 | 150          | 18  |
| M1115027.00 | 90    | 1/20 | 52:1  | 82           | 34  |
| M1115028.00 | 90    | 1/20 | 35:1  | 55           | 51  |
| M1115029.00 | 90    | 1/20 | 16:1  | 27           | 109 |
| M1125092.00 | 180   | 1/20 | 91:1  | 140          | 20  |
| M1125093.00 | 180   | 1/20 | 29:1  | 45           | 60  |
| M1125094.00 | 180   | 1/20 | 17:1  | 26           | 106 |

|                                                                                                                                                                                                                                        |                                                                                   |             |      |                                |                   |                                                                                       |                                                |      |                 |                   |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------|------|--------------------------------|-------------------|---------------------------------------------------------------------------------------|------------------------------------------------|------|-----------------|-------------------|--|
|                                                                                                                                                                                                                                        |                                                                                   |             |      | TOLERANCES<br>UNLESS SPECIFIED |                   |  | ELECTRIC MOTORS<br>GEARMOTORS<br>AND DRIVES    |      |                 | DRAWN RWS 3/28/05 |  |
|                                                                                                                                                                                                                                        |                                                                                   |             |      | DEC.                           | INCHES            |                                                                                       |                                                |      |                 | CHK RPB 3/28/05   |  |
| E                                                                                                                                                                                                                                      | UPDATED 1.40 HUB DIM TO MATCH GBOX, ECO--0128172                                  | IPG 7/26/17 |      | .X                             | ±.1               |                                                                                       |                                                |      |                 | APPD              |  |
| 02                                                                                                                                                                                                                                     | ADDED CAT. #'S M1125092.00, M1125093.00 AND<br>M1125094.00 TO TABLE, ECN 06--3810 | IPG 9/29/06 | SAD  | .XX                            | ±.03              |                                                                                       | TITLE<br>OUTLINE<br>30 FRAME DC – P300 GEARBOX |      |                 | SCALE 1=2         |  |
|                                                                                                                                                                                                                                        |                                                                                   |             |      | .XXX                           | ±.005             |                                                                                       |                                                |      |                 | REF M1030939      |  |
| 01                                                                                                                                                                                                                                     | CHGD 11.45 REF TO 9.41 REF, ECR 84115                                             | VS 5/27/05  | BC   | .XXXX                          | ±.0005            | MAT'L.                                                                                |                                                |      | FMF M1125025.00 |                   |  |
| NO.                                                                                                                                                                                                                                    | REVISION                                                                          | BY & DATE   | CHK  | ANG                            | ±1/2"             | 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 M1030964 |                                                                                       |                                                | SIZE | DRAWING NO.     | REV.              |  |
|                                                                                                                                                                                                                                        |                                                                                   |             | DIST |                                |                   |                                                                                       |                                                | B    | M1030964        | E                 |  |

D.C. MOTORS

| ITEM | REV |
|------|-----|
| 001  |     |



EXTERNAL CONNECTIONS FOR CW ROTATION  
VIEWING LEAD END OF MOTOR WITH RED LEAD  
POSITIVE (+) AND BLACK LEAD NEGATIVE (-)  
FOR CCW ROTATION REVERSE POLARITY

|                                                                                                                                                                                                                                        |                                        |              |     |                                |        |                                                                                                                                   |                    |         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|--------------|-----|--------------------------------|--------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------|---------|
|                                                                                                                                                                                                                                        |                                        |              |     | TOLERANCES<br>UNLESS SPECIFIED |        |  ELECTRIC MOTORS<br>GEARMOTORS<br>AND DRIVES | DRAWN RWS 3/15/05  |         |
|                                                                                                                                                                                                                                        |                                        |              |     | DEC.                           | INCHES |                                                                                                                                   | CHK RPB 3/15/05    |         |
|                                                                                                                                                                                                                                        |                                        |              |     | .X                             | ±.1    |                                                                                                                                   | APPD               |         |
|                                                                                                                                                                                                                                        |                                        |              |     | .XX                            | ±.01   |                                                                                                                                   | SCALE              | 1=1     |
|                                                                                                                                                                                                                                        |                                        |              |     | .XXX                           | ±.005  |                                                                                                                                   | REF                | 901.706 |
| C                                                                                                                                                                                                                                      | BRUSH HOLDERS ROTATED 90°, ECR-0207997 | IPG 11/12/21 |     | .XXX                           | ±.005  | TITLE                                                                                                                             | CONNECTION DIAGRAM |         |
| 00                                                                                                                                                                                                                                     | RELEASED COMM CONVERSION PROJECT       | RWS 4/13/05  | RPB | .XXXX                          | ±.0005 | MAT'L.                                                                                                                            | FMF M115002.00     |         |
| NO.                                                                                                                                                                                                                                    | REVISION                               | BY & DATE    | CHK | ANG                            | ±1/2"  | FINISH                                                                                                                            | PREV               |         |
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|                                                                                                                                                                                                                                        |                                        |              |     | DIST                           |        |                                                                                                                                   |                    | A       |
|                                                                                                                                                                                                                                        |                                        |              |     | 4 of 4                         |        |                                                                                                                                   | DRAWING NO.        |         |
|                                                                                                                                                                                                                                        |                                        |              |     |                                |        |                                                                                                                                   | M1005302.01        |         |
|                                                                                                                                                                                                                                        |                                        |              |     |                                |        |                                                                                                                                   | REV.               |         |
|                                                                                                                                                                                                                                        |                                        |              |     |                                |        |                                                                                                                                   | C                  |         |