

PRODUCT INFORMATION PACKET



Model No: M1115001.00
Catalog No: M1115001.00
Parallel Shaft Gearmotor, 0.05 HP, 90 V, 10 RPM, 30 Frame, TENV



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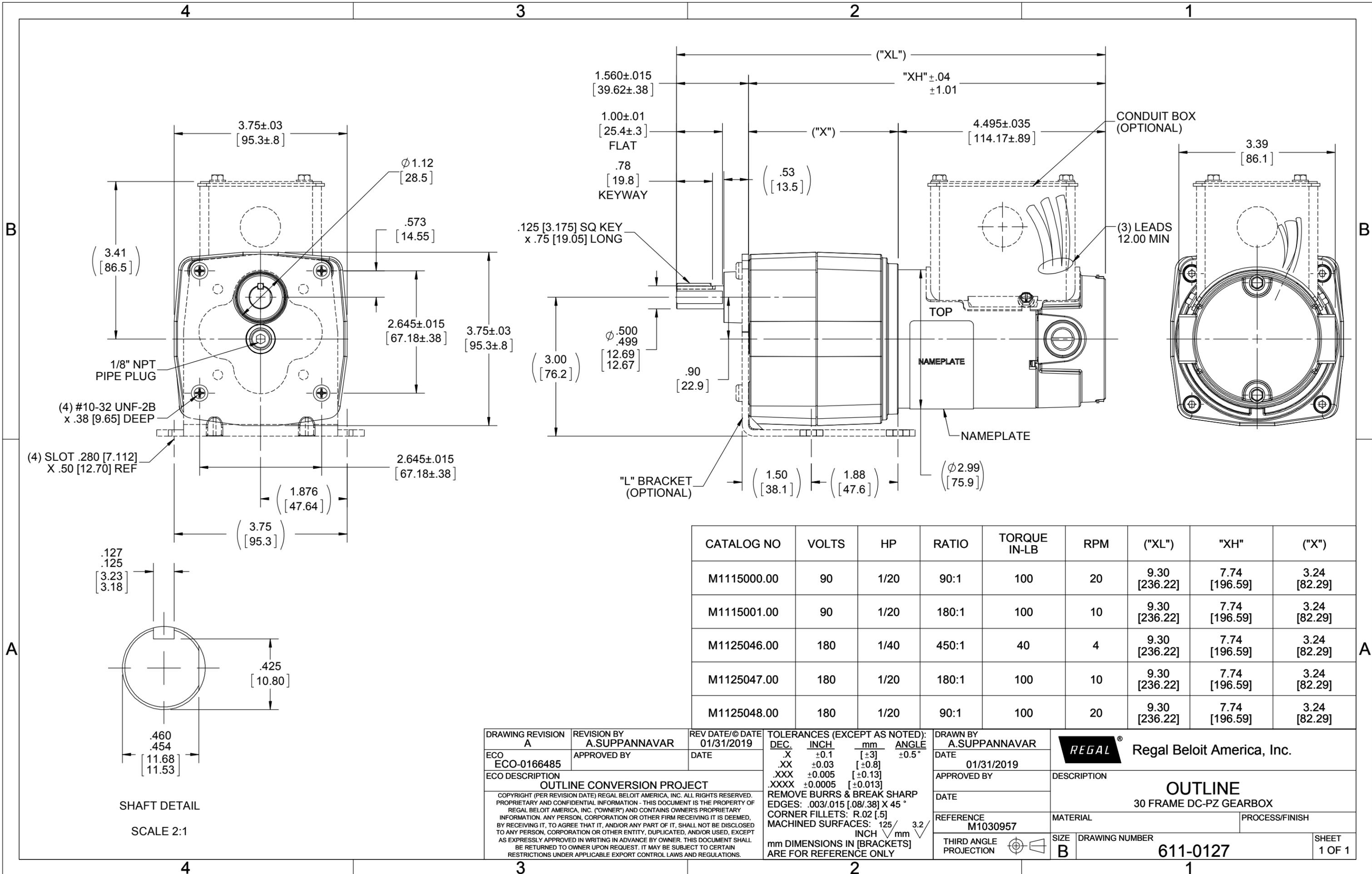
Nameplate Specifications

| | | | |
|----------------------------|----------------------------------|------------------------|---------------|
| Output HP | 0.05 Hp | Output KW | 0.04 kW |
| Voltage | 90 V | Speed | 10 rpm |
| Service Factor | 1.0 | Frame | 30 |
| Enclosure | Totally Enclosed Non Ventilating | Thermal Protection | No Protection |
| Efficiency | 27 % | Ambient Temperature | 40 °C |
| Current | 0.56 A | Duty | Continuous |
| Insulation Class | F | Drive End Bearing Size | 6000 |
| Opp Drive End Bearing Size | 6000 | UL | Recognized |
| CSA | Y | CE | Y |

Technical Specifications

| | | | |
|--------------------|------------|-----------------|-------------------|
| Rotation | Reversible | Mounting | Special |
| Shaft Type | Parallel | Overall Length | 9.30 in |
| Frame Length | 2.99 in | Shaft Diameter | 0.500 in |
| Shaft Extension | 1 in | Torque | 100 LB-IN |
| Connection Drawing | M100530201 | Outline Drawing | 611-0127-M1115001 |

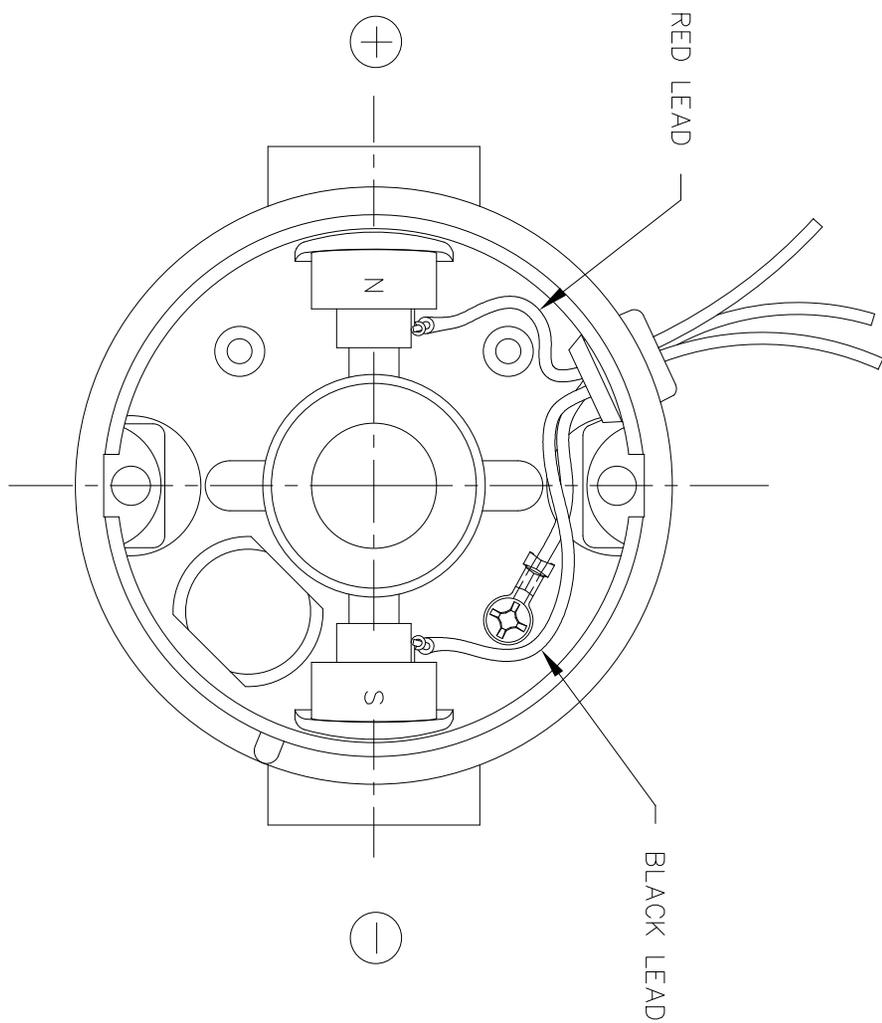
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| CATALOG NO | VOLTS | HP | RATIO | TORQUE IN-LB | RPM | ("XL") | "XH" | ("X") |
|-------------|-------|------|-------|--------------|-----|---------------|---------------|--------------|
| M1115000.00 | 90 | 1/20 | 90:1 | 100 | 20 | 9.30 [236.22] | 7.74 [196.59] | 3.24 [82.29] |
| M1115001.00 | 90 | 1/20 | 180:1 | 100 | 10 | 9.30 [236.22] | 7.74 [196.59] | 3.24 [82.29] |
| M1125046.00 | 180 | 1/40 | 450:1 | 40 | 4 | 9.30 [236.22] | 7.74 [196.59] | 3.24 [82.29] |
| M1125047.00 | 180 | 1/20 | 180:1 | 100 | 10 | 9.30 [236.22] | 7.74 [196.59] | 3.24 [82.29] |
| M1125048.00 | 180 | 1/20 | 90:1 | 100 | 20 | 9.30 [236.22] | 7.74 [196.59] | 3.24 [82.29] |

| | | | | | |
|--|-----------------------------|-------------------------------|--|---|---|
| DRAWING REVISION A | REVISION BY A.SUPPANAVAR | REV DATE/© DATE 01/31/2019 | TOLERANCES (EXCEPT AS NOTED): DEC. INCH mm ANGLE .X ±0.1 [±3] ±0.5° .XX ±0.03 [±0.8] .XXX ±0.005 [±0.13] .XXXX ±0.0005 [±0.013] | DRAWN BY A.SUPPANAVAR | REGAL ® Regal Beloit America, Inc. |
| ECO ECO-0166485 | APPROVED BY | DATE | REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.08/.38] X 45° CORNER FILLETS: R.02 [.5] MACHINED SURFACES: 125/3.2 INCH/mm mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY | DATE 01/31/2019 | |
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| | | | THIRD ANGLE PROJECTION | MATERIAL | SIZE B |
| | | | | DRAWING NUMBER 611-0127 | SHEET 1 OF 1 |

D.C. MOTORS



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

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

| | | | | | | | | | | |
|--|--|-----------|----------|-----------------------------|----------|---|-------------------|----------------|-------------------------|--------|
| | | | | TOLERANCES UNLESS SPECIFIED | |  ELECTRIC MOTORS GEARMOTORS 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 | | SCALE 1=1 | | |
| 00 | RELEASED COMM CONVERSION PROJECT | RWS | 4/13/05 | RPB | .XXXX | ±.0005 | MAT'L. | REF 901.706 | | |
| NO. | REVISION | BY & DATE | CHK | ANG | ±1/2° | FINISH | | FMF M115002.00 | | |
| 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 | | M100530201 | SIZE A | DRAWING NO. M1005302.01 | REV. C |
| | | | | DIST | | | | | | |