

Compact, quiet and versatile, the RF Series is ideal when space is a premium. A variety of features and gear reductions enable custom design and low life-cycle costs.

### SPECIFICATIONS & CONSTRUCTION

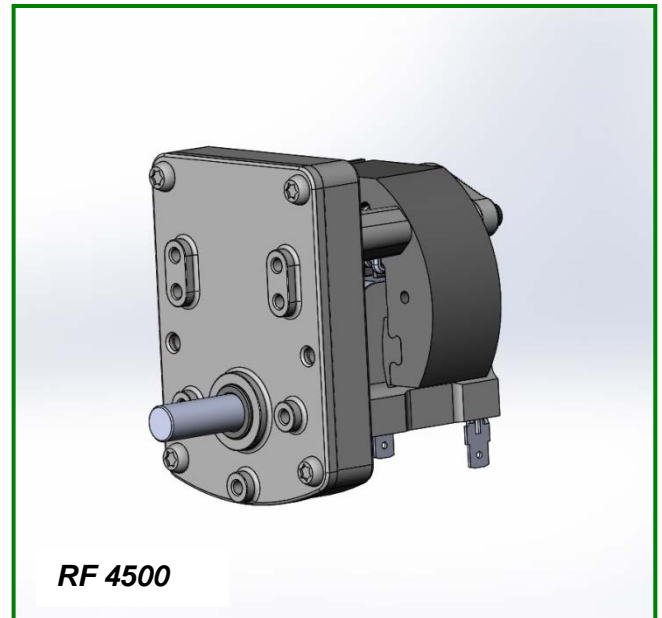
- Type:** Zinc die cast AC gearmotor
- Output speeds:** 40 to 200 RPM
- Voltage:** 24V to 230V, 50 or 60 Hz
- Bearings:** Self-aligning sintered bronze
- Termination:** Spade terminals or lead wires
- Protection:** Impedance or thermally protected
- Duty Cycle:** Intermittent
- Motors Available:** 3400, 3700, 4400, 4500
- Rotation:** Unidirectional; PSC-Reversing (RFS)
- Cover:** Die cast or Stamped Steel
- Lubrication:** Synthetic Grease
- Regulatory Approvals:** UL, CSA, CE, RoHs

### TYPICAL APPLICATIONS

- Vending
- Banking Equipment
- Lawn & Garden
- Prison Lock Mechanism
- Food Service Equipment
- Pumps

### OPTIONAL FEATURES

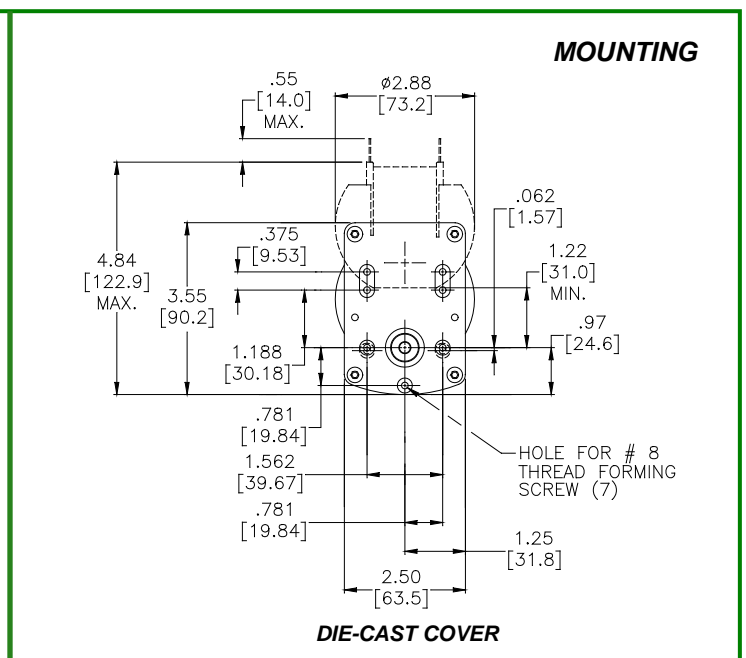
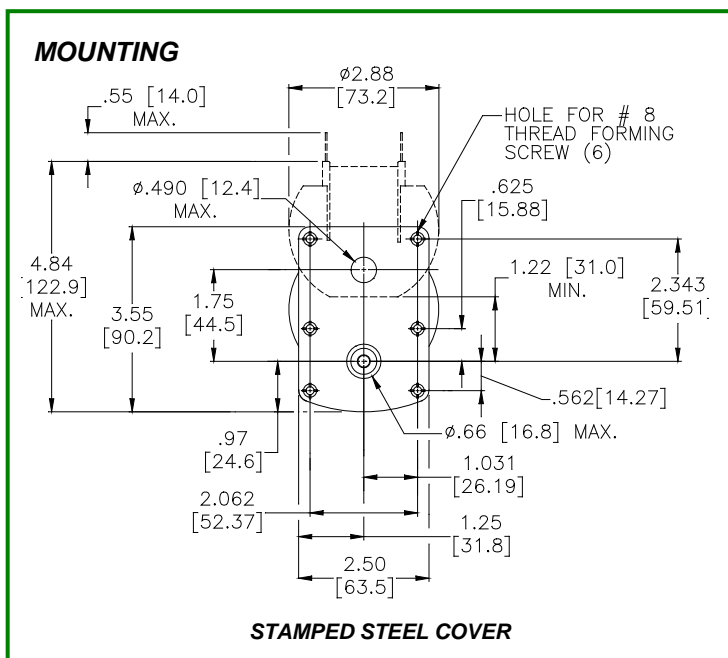
- Customized output shafts including dual output
- Various lead lengths, terminals and connectors
- Brakes: Positive-Stop, Cone, Coil Spring
- Output Needle bearings for high radial loads
- Ball bearing for motor
- Fan for additional cooling



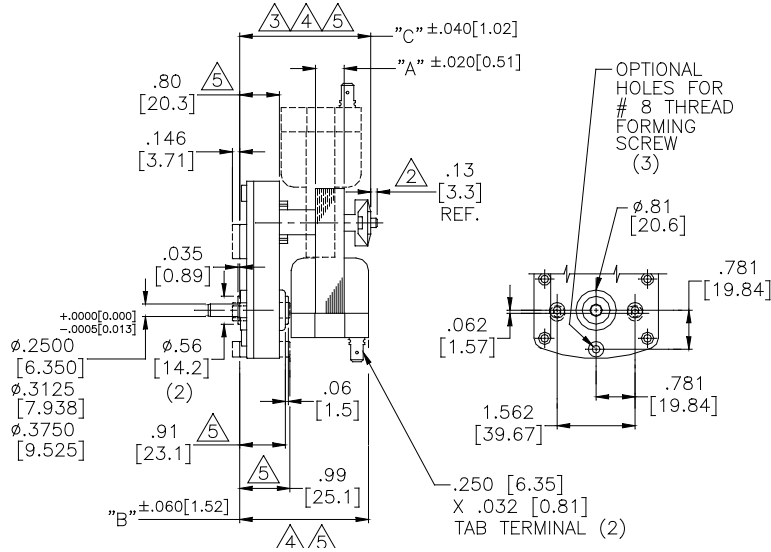
**RF 4500**

**Maximum Permissible Torque: 50 In.Lb (5.6 Nm)**  
**Speed: Up to 200 RPM**

*Note: Speed and torque combinations will vary depending on the motor/gearbox combination.*



## RF3700

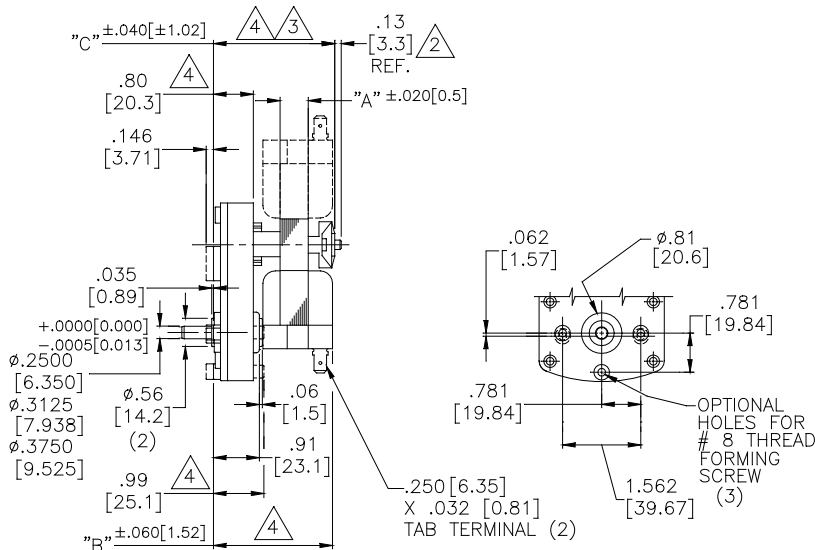


STATOR SIZE	"A" DIM	"B" DIM	"C" DIM
3709	.575 [14.61]	2.615 [66.42]	2.582 [65.58]
3715	.937 [23.80]	2.977 [75.62]	2.944 [74.78]
3720	1.250 [31.75]	3.290 [83.57]	3.257 [82.73]
3724	1.500 [38.10]	3.540 [89.92]	3.507 [89.08]
3728	1.760 [44.70]	3.800 [96.52]	3.767 [95.68]
3732	2.000 [50.80]	4.040 [102.62]	4.007 [101.78]

### NOTES:

- BROKEN LINES REPRESENT OPTIONAL MOUNTINGS.
- FOR FAN APPLICATION, ADD .600 [15.24] TO DIMENSION. FOR COIL SPRING BRAKE APPLICATION, ADD .060 [1.52] TO DIMENSION.
- FOR COIL SPRING BRAKE APPLICATION, ADD .188 [4.78] TO "C" DIMENSION.
- FOR LONG MOUNTING APPLICATION, SUBTRACT .188 [4.78] FROM "B" & "C" DIMENSION.
- FOR STAMPED COVER APPLICATION, SUBTRACT .233 [5.92] FROM DIMENSIONS.

## RF4500



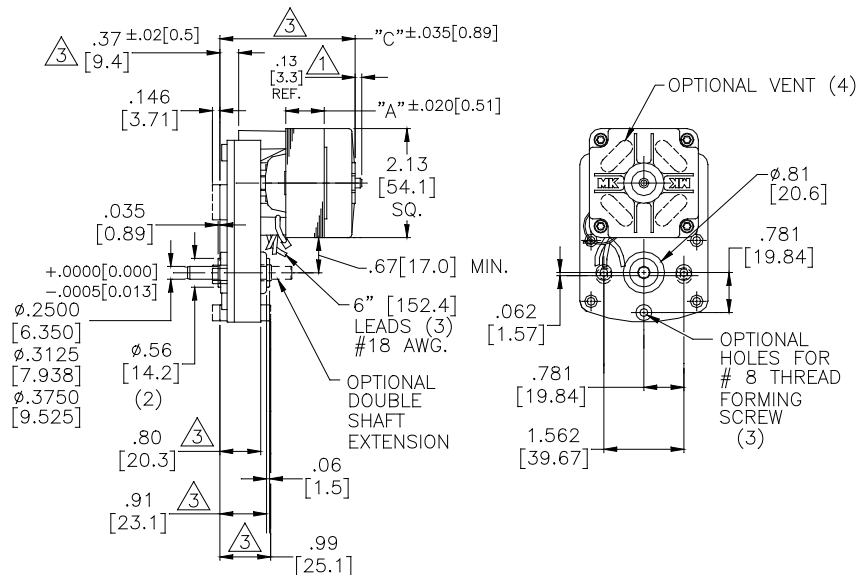
STATOR SIZE	"A" DIM	"B" DIM	"C" DIM
4506	.375 [9.53]	2.217 [56.31]	2.194 [55.73]
4509	.562 [14.27]	2.404 [61.06]	2.381 [60.48]
4512	.733 [18.62]	2.575 [65.41]	2.552 [64.82]
4515	.937 [23.80]	2.779 [70.59]	2.756 [70.00]
4520	1.275 [32.39]	3.117 [79.17]	3.094 [78.59]
4526	1.625 [41.28]	3.467 [88.06]	3.444 [87.48]

### NOTES:

- BROKEN LINES REPRESENT OPTIONAL MOUNTINGS.
- FOR FAN APPLICATION, ADD .600 [15.24] TO DIMENSION. FOR COIL SPRING BRAKE APPLICATION, ADD .060 [1.52] TO DIMENSION.
- FOR COIL SPRING BRAKE APPLICATION, ADD .188 [4.78] TO "C" DIMENSION.
- FOR STAMPED COVER APPLICATION, SUBTRACT .233 [5.92] FROM DIMENSIONS.



RFS3400



STATOR SIZE	"A" DIM	"C" DIM
3410	.625[15.88]	2.496[63.40]
3420	1.250[31.75]	3.121[79.27]
3424	1.500[38.10]	3.371[85.62]

**NOTES:**

- 1 FOR FAN APPLICATION, ADD .600[15.24] TO DIMENSION.  
FOR BRAKE APPLICATION, ADD .09[2.3] TO DIMENSION.
- 2. BROKEN LINES REPRESENT OPTIONAL MOUNTINGS.
- 3 FOR STAMPED COVER APPLICATION, SUBTRACT .233 [5.92] FROM DIMENSIONS.