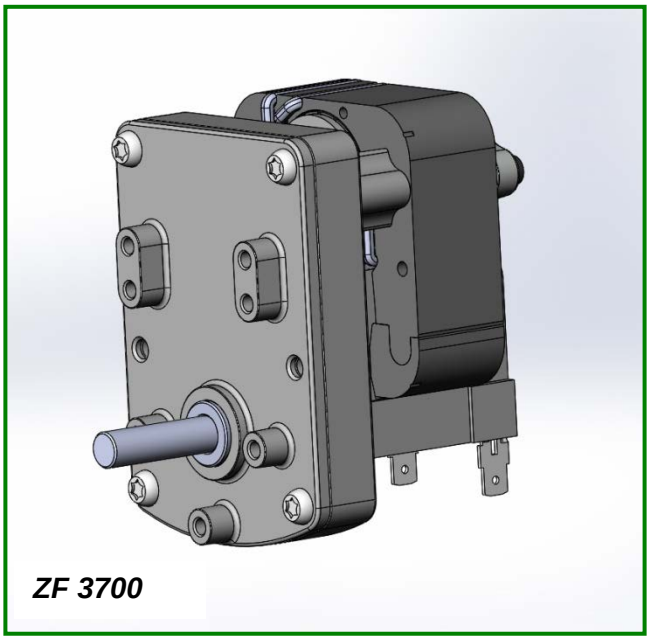
Compact, quiet and versatile, the ZF Series is ideal when space is a premium. A variety of features and gear reductions enable custom design and low life-cycle costs. The ZF model is designed for additional clearance distance between the motor and the output shaft for shaft over applications.



ZF 3700

SPECIFICATIONS & CONSTRUCTION

Type: Zinc die cast AC gearmotor
Output speeds: 30 to 175 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 (ZFS)
Cover: Die cast or Stamped Steel
Lubrication: Synthetic Grease
Regulatory Approvals: UL, CSA, CE, RoHs

Maximum Permissible Torque: 50 In.Lb (5.6 Nm)
Speed: Up to 175 RPM
Note: Speed and torque combinations will vary depending on the motor/gearbox combination.

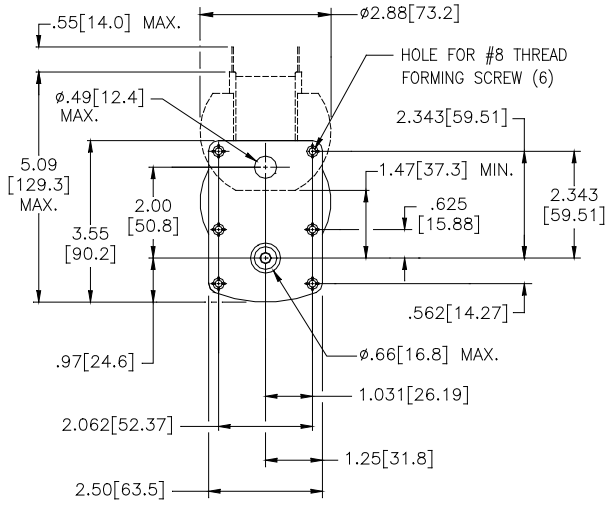
TYPICAL APPLICATIONS

- Ingredient Dispenser
- Banking Equipment
- Instrumentation
- Food Service Equipment
- Pumps

OPTIONAL FEATURES

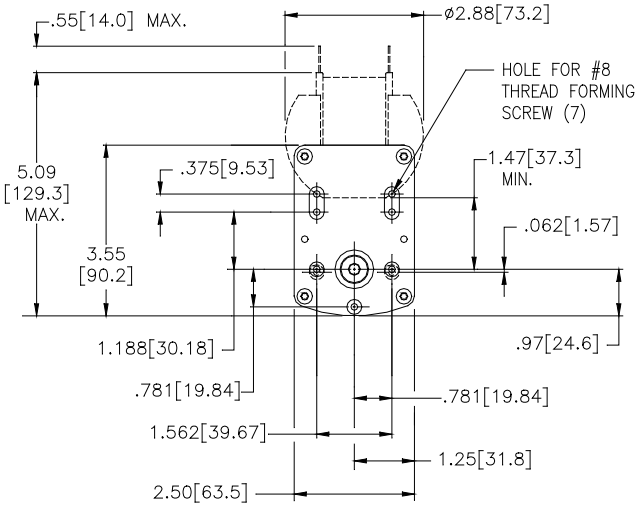
- Customized output shafts including dual output
- Various lead lengths, terminals and connectors
- Brakes: Positive-Stop, Cone, Coil Spring
- Output Needle bearings for high radial loads
- Ball bearing for motor
- Fan for additional cooling

MOUNTING



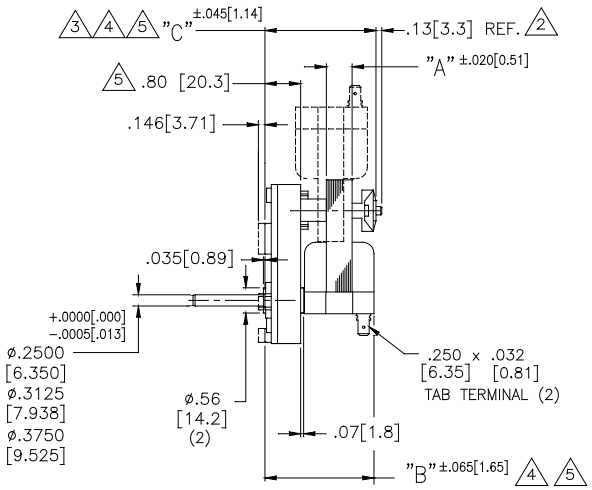
STAMPED STEEL COVER

MOUNTING



DIE-CAST COVER

ZF3700



STATOR SIZE	"A" DIM	"B" DIM	"C" DIM
3709	.575[14.61]	2.473[62.81]	2.440[61.98]
3715	.937[23.80]	2.835[72.01]	2.802[71.17]
3720	1.250[31.75]	3.148[79.96]	3.115[79.12]
3724	1.500[38.10]	3.398[86.31]	3.365[85.48]
3728	1.760[44.70]	3.658[92.91]	3.625[92.08]
3732	2.000[50.80]	3.898[99.01]	3.865[98.17]

NOTES:

1) BROKEN LINES REPRESENT OPTIONAL MOUNTINGS.

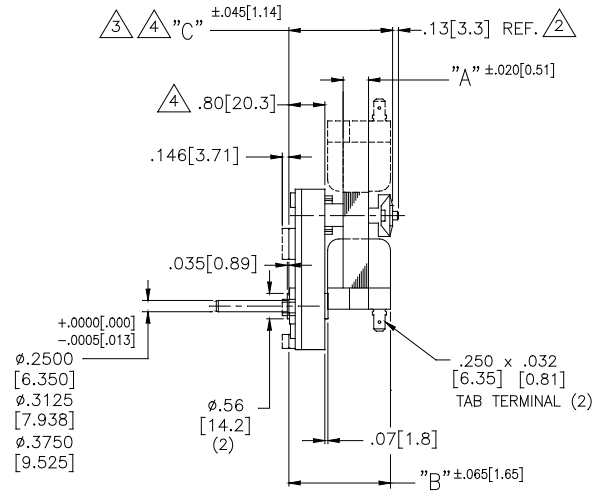
2 FOR FAN APPLICATION, ADD .600[15.24] TO DIMENSION. FOR COIL SPRING BRAKE APPLICATION, ADD .060[1.52] TO DIMENSION.

3 FOR COIL SPRING BRAKE APPLICATION, ADD .188[4.78] TO "C" DIMENSION.

4 LONG MOUNTING APPLICATION, SUBTRACT .178[4.52] FROM "B" & "C" DIMENSION.

5 FOR STAMPED COVER APPLICATION, SUBTRACT .233 [5.92] FROM DIMENSIONS.

ZF4500



STATOR SIZE	"A" DIM	"B" DIM	"C" DIM
4506	.375[9.53]	2.085[52.96]	2.062[52.37]
4509	.562[14.27]	2.272[57.71]	2.249[57.12]
4512	.733[18.62]	2.443[62.05]	2.420[61.47]
4515	.937[23.80]	2.647[67.23]	2.624[66.65]
4520	1.275[32.39]	2.985[75.82]	2.962[75.23]
4526	1.625[41.28]	3.335[84.71]	3.312[84.12]

NOTES:

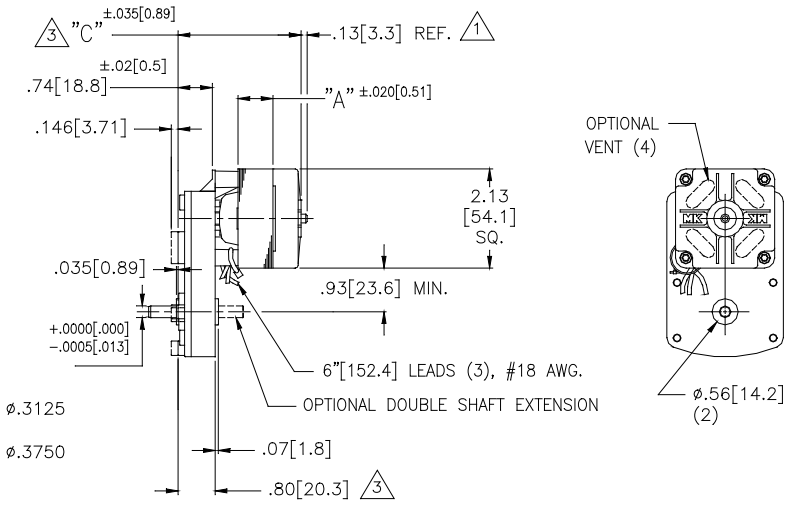
1. BROKEN LINES REPRESENT OPTIONAL MOUNTINGS.

2 FOR FAN APPLICATION, ADD .600[15.24] TO DIMENSION. FOR COIL SPRING BRAKE APPLICATION, ADD .060[1.52] TO DIMENSION.

3 FOR COIL SPRING BRAKE APPLICATION, ADD .188[4.78] TO "C" DIMENSION.

4 FOR STAMPED COVER APPLICATION, SUBTRACT .233 [5.92] FROM DIMENSIONS.

ZFS3400



STATOR SIZE	"A" DIM	"C" DIM
3410	.625[15.88]	2.508[63.70]
3420	1.250[31.75]	3.133[79.58]
3424	1.500[38.10]	3.383[85.93]

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.