

This robust line of gearmotors was designed and engineered for low audible noise and extended life. The GF series is versatile and offers a wide choice of gear reductions and materials for demanding applications.

SPECIFICATIONS & CONSTRUCTION

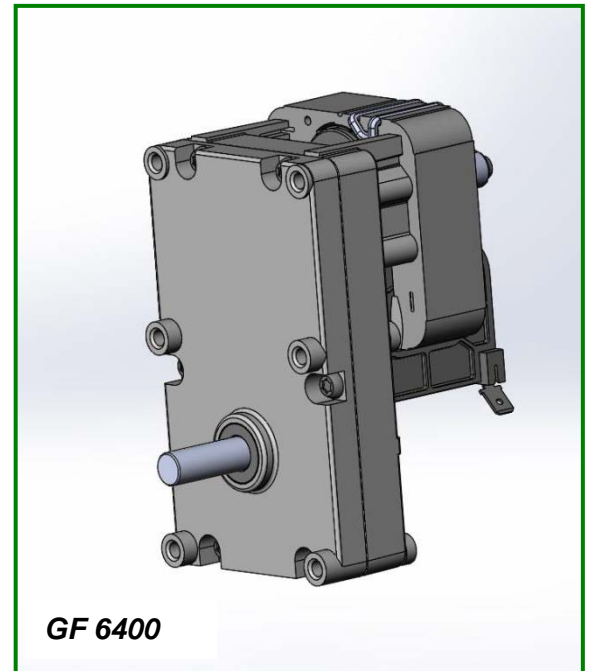
- Type:** Zinc die cast AC gearmotor
- Output speeds:** 1 to 60 RPM
- Voltage:** 24V to 230V, 50 or 60 Hz
- Bearings:** Self-aligning sintered bronze
- Termination:** Spade terminals or lead wires
- Protection:** Impedance or thermally protected
- Duty Cycle:** Intermittent
- Motors Available:** 3400, 3700, 4400, 4500
- Rotation:** Unidirectional; PSC-Reversing (GFS)
- Cover:** Die cast
- Lubrication:** Synthetic Grease
- Regulatory Approvals:** UL, CSA, CE, RoHs

TYPICAL APPLICATIONS

- Valve Actuators
- Switch Gears
- Pellet Stoves
- Packaging Equipment
- Food Service Equipment
- Agricultural Valves

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
- Magnetic Encoder: 4 & 8 PPR Resolution

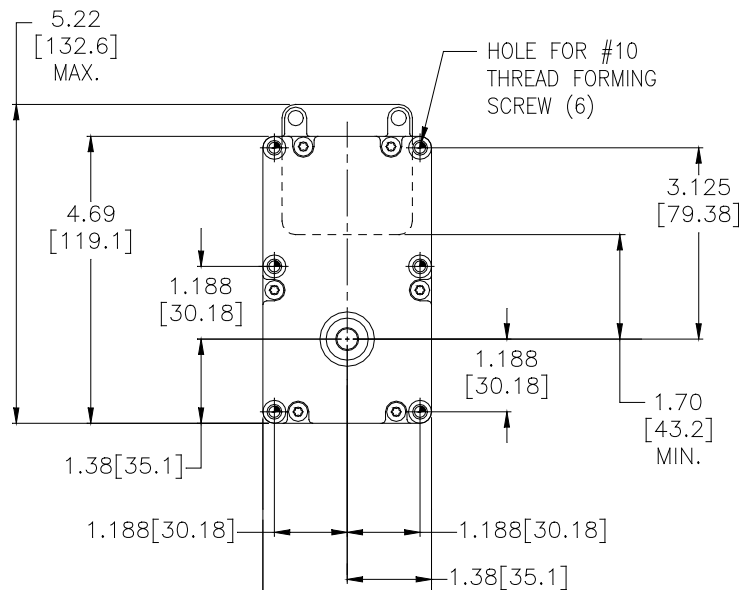


GF 6400

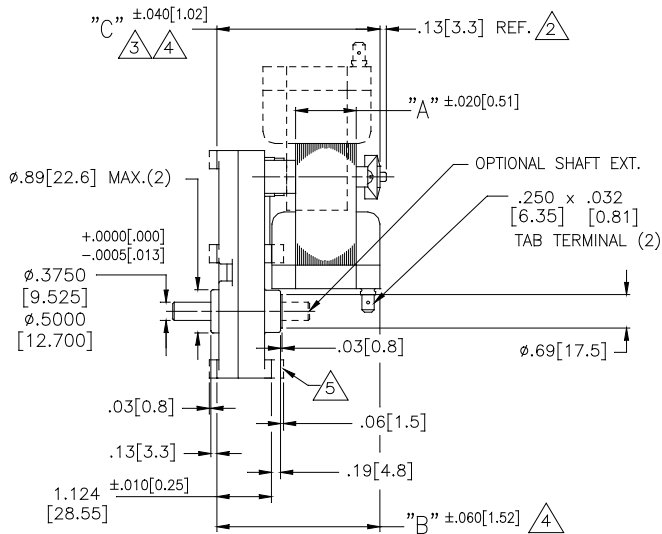
Maximum Permissible Torque: 200 In.Lb (22.5 Nm)
Speed: Up to 60 RPM

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

MOUNTING



GF3700

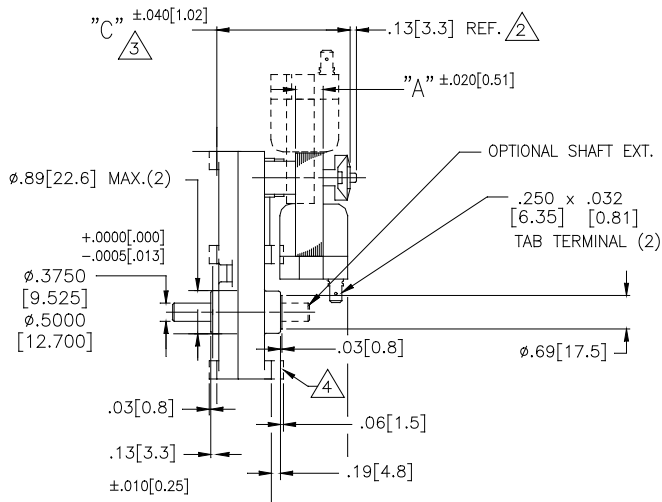


STATOR SIZE	"A" DIM	"B" DIM	"C" DIM
3709	.575[14.61]	2.721[69.11]	2.688[68.28]
3715	.937[23.80]	3.083[78.31]	3.050[77.47]
3720	1.250[31.75]	3.396[86.26]	3.363[85.42]
3724	1.500[38.10]	3.646[92.61]	3.613[91.77]
3728	1.760[44.70]	3.906[99.21]	3.873[98.37]
3732	2.000[50.80]	4.146[105.31]	4.113[104.47]

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 LONG MOUNTING APPLICATION, SUBTRACT .185[4.70] FROM "B" & "C" DIMENSION.
- 5) (6) CASE MOUNTING HOLES .200 DIA.[5.08] FOR STANDARD CASE MTG. BOSSES OR (4) HOLES FOR #10 THREAD FORMING SCREW FOR EXTENDED CASE MTG. BOSSES.

GF4500



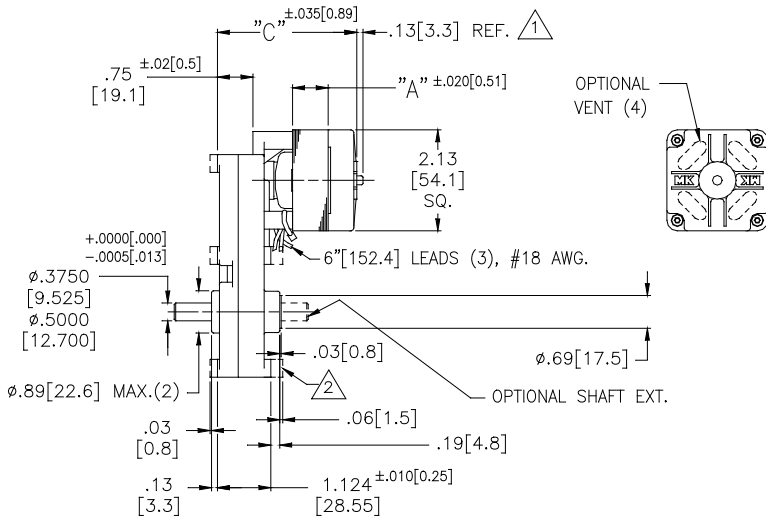
STATOR SIZE	"A" DIM	"B" DIM	"C" DIM
4506	.375[9.53]	2.326[59.08]	2.303[58.50]
4509	.562[14.27]	2.513[63.83]	2.490[63.25]
4512	.733[18.62]	2.684[68.17]	2.661[67.59]
4515	.937[23.80]	2.888[73.36]	2.865[72.77]
4520	1.275[32.39]	3.226[81.94]	3.203[81.36]
4526	1.625[41.28]	3.576[90.83]	3.553[90.25]

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) (6) CASE MOUNTING HOLES .200 DIA.[5.08] FOR STANDARD CASE MTG. BOSSES OR (4) HOLES FOR #10 THREAD FORMING SCREW FOR EXTENDED CASE MTG. BOSSES.



GFS3400



STATOR SIZE	"A" DIM	"C" DIM
3410	.625 [15.88]	2.807 [71.30]
3420	1.250 [31.75]	3.432 [87.17]
3424	1.500 [38.10]	3.682 [93.52]

NOTES:

- 1 FOR FAN APPLICATION, ADD .60 [15.24] TO DIMENSION. FOR BRAKE APPLICATION, ADD .09 [2.3] TO DIMENSION.
- 2 (6) CASE MOUNTING HOLES .200 DIA [5.08] FOR STANDARD CASE MTG. BOSSSES OR (4) HOLES FOR #10 THREAD FORMING SCREW FOR EXTENDED CASE MTG. BOSSSES.
- 3. BROKEN LINES REPRESENT OPTIONAL MOUNTINGS.