

**GEARMOTORS**

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**Series 1000 Fractional Horsepower AC & DC Gearmotors**

- 1/12 to 3/4 HP Designs
- Available in AC & DC
- TEFC Enclosure (meets IP55 on AC and IP44 on DC)
- Integral Foot Mounting
- Cut & Ground Helical Gearing
- Factory Filled with Synthetic Oil
- Double Lipped Oil Seals
- Ball Bearing Throughout
- CSA & CE Compliant
- Flanged and Face Mount Options Available

***SERIES  
1000*****AC Foot Mounted**

- 1/12 to 3/4 HP Designs
- 60Hz 208-230/460 & 575 VAC
- 1:4 Reduction Stages
- TEFC Enclosure
- "FO" Motor Conduit Box
- Integral Foot Mounting
- CSA & CE Compliant

**AC Flange Mounted**

- 1/12 to 3/4 HP Designs
- 60Hz 208-230/460 & 575 VAC
- 1:4 Reduction Stages
- TEFC Enclosure



- "FO" Motor Conduit Box
- Face and Flanged Mounting
- CSA & CE Compliant

#### DC Flange Mounted



- 1/12 to 3/4 HP Designs
- 90 Volt PM Motor
- 1:4 Reduction Stages
- TEFC Enclosure (Meets IP44)
- "FO" Motor Conduit Box
- Face & Flanged Mounting
- CSA & CE Compliant

#### DC Foot Mounted



- 1/12 to 3/4 HP Designs
- 90 Volt PM Motor
- 1:4 Reduction Stages
- TEFC Enclosure
- "FO" Motor Conduit Box
- Integral Foot Mounting
- CSA & CE Compliant

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#### Series 2000 Gearmotors and Speed Reducers

- Broad Range of Gearing and Input Styles -Gearmotor, Input Shaft, C-Face, Scoop.
- Innovative Self Locking Tapered Shaft Connection allows on-site replacement with out removing oil, primary pinion, or disconnecting the load.
- Broadest Line of Motor Ends -TEFC (single phase and 3 phase), explosion proof, corro-duty, inverter duty, brakemotor. Stocked at over 300 distributors and priced at c-face levels.

**SERIES  
2000**

Series 2000 CAD Wizard

**MbN Helical Shaft Mount**

- Tapered bushing design.
- 1/3 through 30HP gearmotors.
- Output torque through 26,000 In. Lbs.
- Ratios from 3.15:1 to 6300:1

**CbN Series In Line Helical**

- Output torque through 145,000 In. Lbs.
- 1/3HP through 75HP gearmotors.
- Ratios from 0.8:1 to 6300:1.
- Footed and flange mounting.

**OtN Series Right Angle Helical Bevel**

- Output torque through 88,000 In. Lbs.
- 1/3HP through 50HP gearmotors.
- Ratios from 12.5:1 to 7100:1.
- Footed, face or flange mounting.
- Solid or hollow output shaft available.

**HWN Right Angle Helical Worm**

- Output torque through 19,000 In. Lbs.
  - 1/3HP to 10HP gearmotors.
  - Tapered bushed, finished bore and keyed output shafts.
  - Ratios from 8.0:1 to 12500:1.
  - Dimensional interchange to leading competitors.
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## IRA SYNCROGEAR WORM & WORM HELICAL GEARMOTORS & SPEED REDUCERS



- Utilize same motor end as Series 2000 Gearmotors
- Foot and flange mount worm and worm helical available.
- Torque range up to 3500 in.-lbs.
- Innovative self-locking taper shaft connection (motor to gear) allows on-site replacement without removing primary pinion, or disconnecting the load. This ensures precision alignment and eliminates fretting to expedite motor removal.

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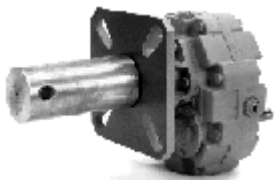
## SHAFTMOUNT SPEED REDUCERS



- Shaft Mounted Speed Reducer
- High Efficiency
- Output Torque up to 55,000 in. lbs.
- Available nominal ratios of 5:1, 15:1 and 25:1
- 7 AGMA sizes: 107 - 315
- Multi-position torque arm assembly
- Excellent reversibility

## SCREW CONVEYOR DRIVES

- All Drives Meet CEMA Standards



- Oversized tapered roller bearings for high thrust load capacity
- Thrust Load Capacity up to 11,240 lbs.
- 7 AGMA sizes: 107 through 315
- Output Torque up to 55,000 in. lbs.
- Available nominal ratios of 5:1, 15:1 and 25:1
- A wide range of CEMA Drive Shafts are available



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