

Customizable Slewing Ring Bearings and Rotators from Gear Products



Slewing Ring Bearings

With moment ratings to 2,000,000 ft-lbs, Gear Products slewing ring bearings are custom-engineered to the customer's application for optimized performance.

Bearing races matched in sets

Smooth efficient operation for extended life

Contact angles and conformance can be altered

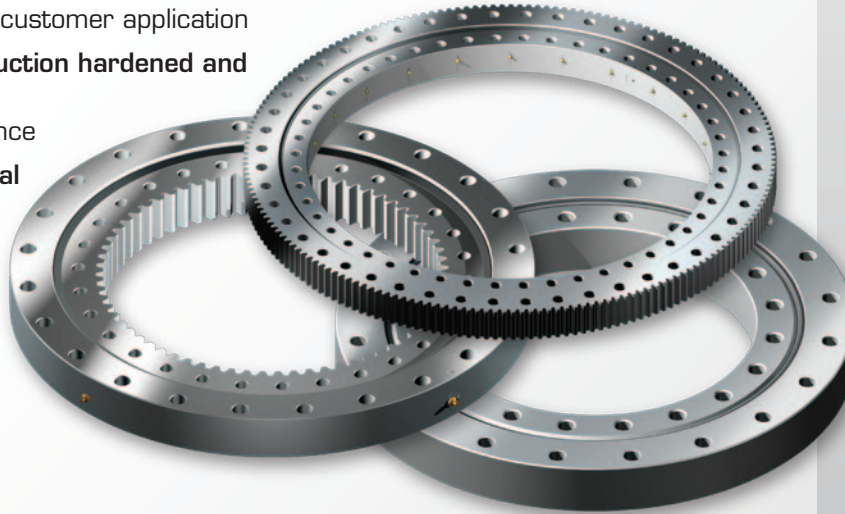
Design optimized to customer application

Bearing raceways induction hardened and magnafluxed

Maximum performance

Low (or negative) radial clearances as needed

Tight operation



Rotators

Gear Products rotators are custom made to the application and the ideal choice for small to medium (up to 150,000 ft-lbs) moment capacity applications. They are smaller, less expensive and easier to mount than the combination of a worm gear drive and slewing ring bearing.

Worm gear driven slewing ring bearing with a common housing

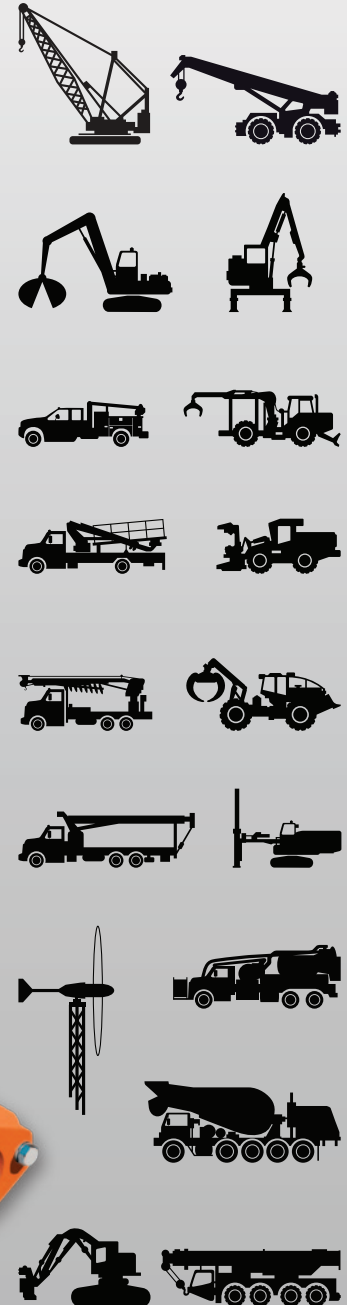
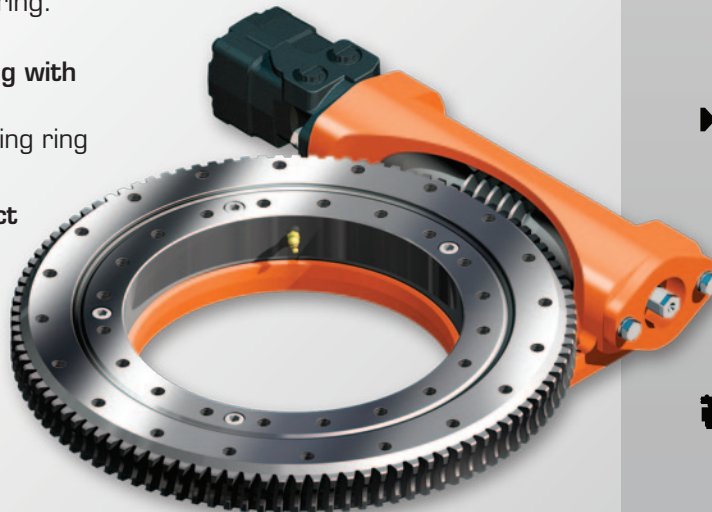
Cost and size advantage versus slewing ring bearing and swing drive

Worm gear mesh for full tooth contact

Longer gear life

Backlash preset at factory

No adjustment required at installation



Infrastructure | Energy | Recovery

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TWG is a global leader in standard and engineered winch, gearbox and electronic monitoring systems.

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