

# Experience the difference.



Meet our new modular  
Helical gearbox series  
designed to fit your needs

## ALUMINUM Series

Available with  
**IEC & Nema, & Servo**

**Torques up to 1,000 Nm (8,800 lb-in)**



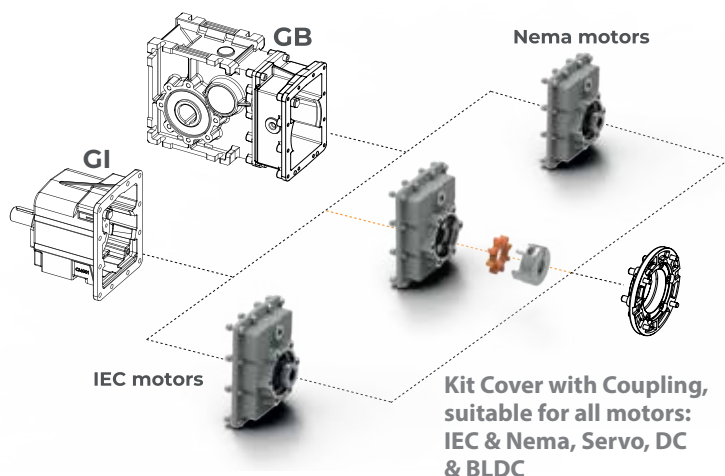
## IRON Series

Available with  
**IEC & Nema, & Servo**

**Torques up to 3,500 Nm (31,000 lb-in)**



## GI-GB Kit Cover with Coupling



The new Coupling for helical in-line gearmotors and helical bevel gearmotors is finally available. With just one type of cover it is now possible to couple the gearbox to all types of motors: IEC and Nema, AC, DC and Servo.

The solution consists of two half-couplings made of steel with a synthetic, elastic element interposed between them. The motor-side half-coupling is in fact a clamping device which allows the motion transmission without the key being applied on the motor shaft.

- Greater flexibility by replacing only the motor-side half-coupling and the flange
- Possibility of using brushless motors even without key
- Total elimination of contact oxidation
- Significant reduction of the operating temperatures of the gearbox in the motor connection area

# ABOUT DIEQUA

Founded in 1980 by Dietmar Quaas, and now owned by his sons, DieQua Corporation has expanded from a single product line to become a leading manufacturer and supplier of an extensive line of high-quality power transmission and precision motion control products, including gearboxes, servo gearheads, screw jack systems, speed reducers, cycloidal reducers, and connecting components. The company also offers custom product modifications and complete design solutions for virtually any application. DieQua Corporation serves a wide range

of industries, including medical and health care, marine engineering, renewable energy, mining, transportation, steel, forestry and lumber, water and wastewater, automotive, and factory automation, to name a few.

An experienced and knowledgeable technical sales, customer service, and engineering support staff, as well as local distributors, ensure that DieQua customers in North America, Mexico and South America select the optimum components, systems, and best design solutions for their specific requirements.

## The DieQua family of products



Spiral Bevel  
Gearboxes



Servo  
Gearheads



Cycloidal Reducers  
& Positioners



Screw Jack  
Systems



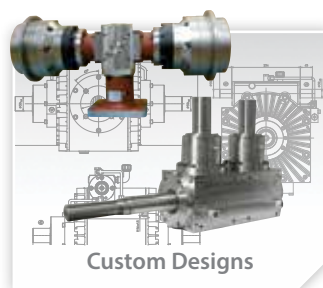
Helical  
Speed Reducers



Speed Modulating  
Gearboxes



Zero Backlash Couplings  
and Line Shafts



Custom Designs

## The DieQua Advantage

### Engineering Support

DieQua Corporation has several decades of combined experience specifying power transmission and motion control components. This assures proper selection of components and systems to suit your unique requirements.

### Warehousing

We pride ourselves for our extensive in-stock inventory. For fast product turnaround, DieQua Corporation stocks many components of various ratios and sizes, ready to ship fast.

### Manufacturing and Assembly

DieQua Corporation now manufactures or assembles most of the products, for on-time delivery of standard orders as well as prototypes. We are ISO 9001 certified and are constantly improving our quality systems to ensure our customers receive the best products.