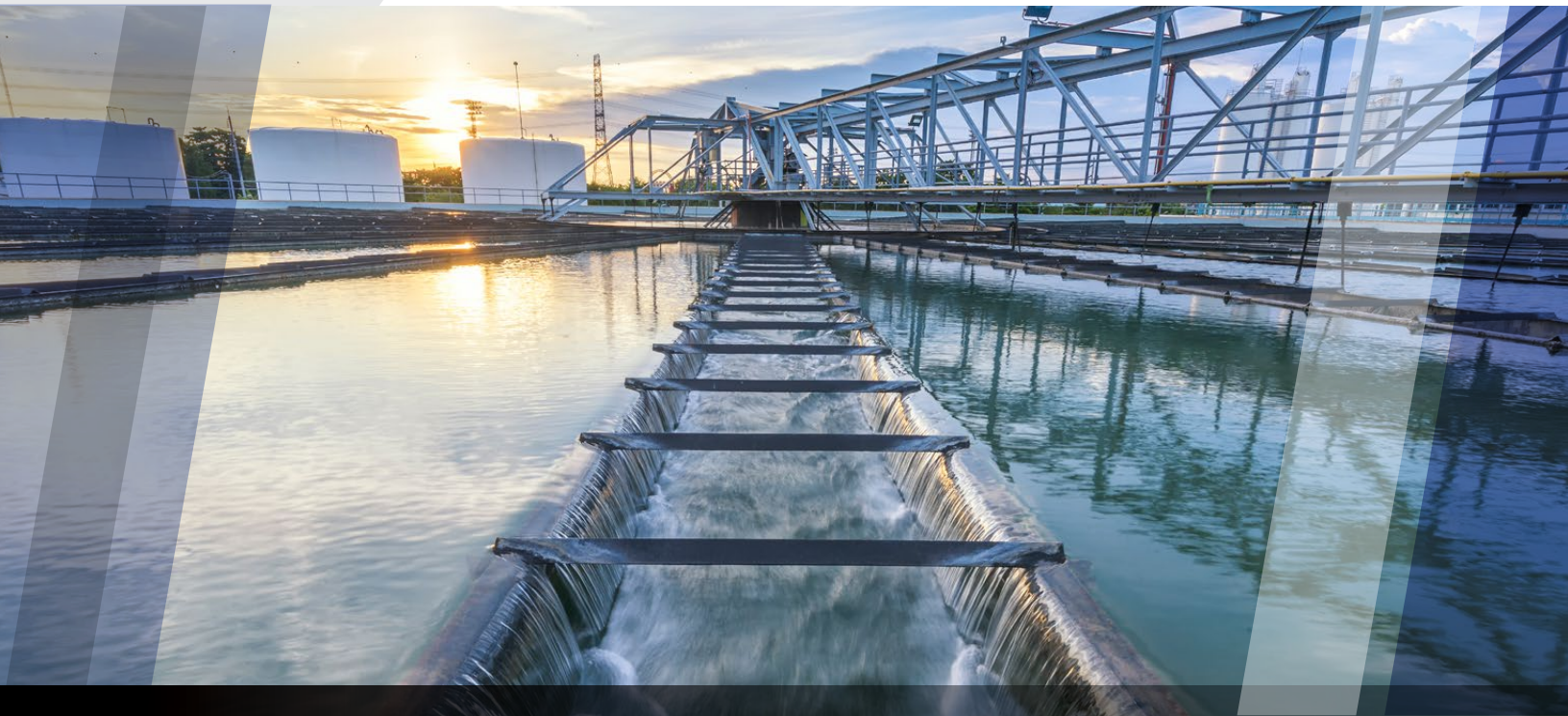
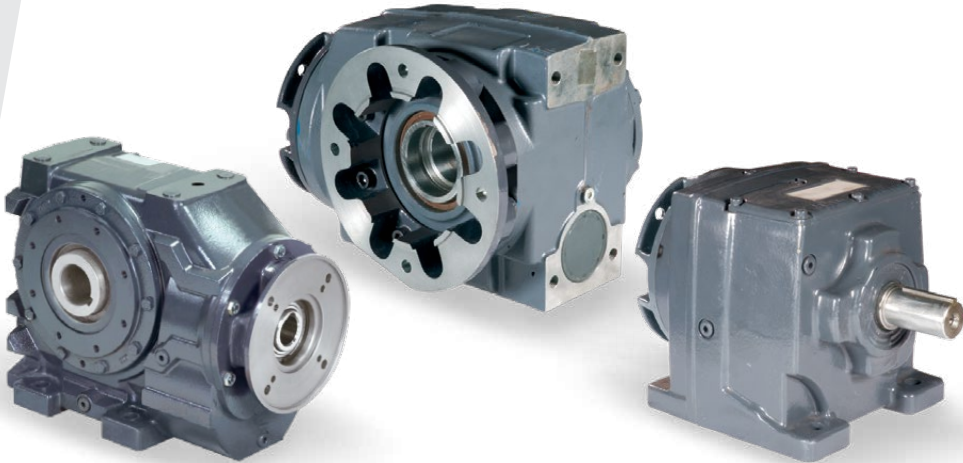


**FALK®**



# FALK® ULTRAMITE® GEARMOTORS

NEMA/IEC COMPATIBILITY  
AND DROP-IN REPLACEMENT



**RegalRexnord™**

# FALK® ULTRAMITE® GEARMOTORS

## Falk Ultramite Delivers Local Availability, NEMA/IEC Compatibility Plus Drop in Replacement

It's a winning combination. Start with a compact size that's the perfect fit for the .19 kW/.25 hp through 37 kW/100 hp power range. You can choose a standard plug-in high-efficiency National Electrical Manufacturing Association (NEMA)/International Electrotechnical Commission (IEC) motor from stock for an easy bolt-up mounting to the gear drive.

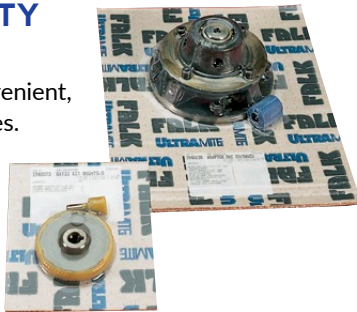
Add positive torque transfer without corrosion or fretting, energy efficiency over worm gear drives and quick availability no matter where you're located – and you've got the Falk Ultramite Drive, a genuine contender in the fight for increased factory floor productivity.

What's more, the Ultramite product line is backed by Regal Rexnord, a global leader in the power transmission and conveying industry. It's got the right size, the right statistics and the right name.

## LOCAL AVAILABILITY

The Ultramite product line is assembled from a family of convenient, cost-saving kitted sub-assemblies.

The Ultramite sub-assembly kits are stocked at Rexnord facilities and distributors, offering a wide range of sizes, ratios and types for assembly. This totally modular approach to your complete gear drive and spare parts requirements ensures maximum local availability with the quickest possible turnaround times. In fact, completed assemblies can be available within hours.



## CUSTOMER PREFERRED MOTORS

The Ultramite drive accepts standard, off-the-shelf NEMA/IEC C-face and flange mounted motors, permitting the use of customer-preferred motor brands. The choice of motor manufacturer and specifications is up to you – the Ultramite accommodates industry standard frame sizes without costly motor adapter systems and special replacement motors, making it ideal for use with variable speed motors and drives.

## PATENTED BUSHING

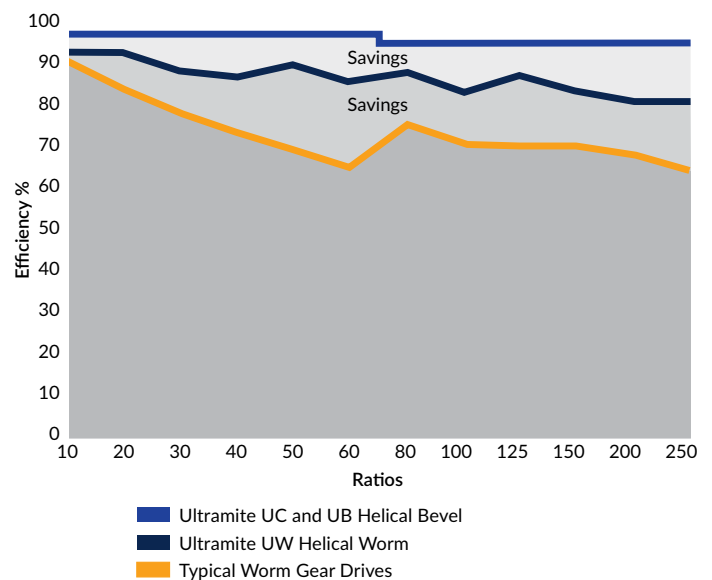
An innovative motor bushing eliminates fretting between motor and gear drive and delivers positive torque transfer. This patented design offers easy installation and allows quick, trouble-free changeout even after years of hard, continuous use.



## COST SAVINGS

Ultramite drives are more efficient than worm gearing. As a result, a smaller motor may be used at times in comparable selections, providing the customer both initial and long-term savings over worm gear drives.

### Ultramite vs. Worm Gear Drives High Operating Efficiency Means Savings

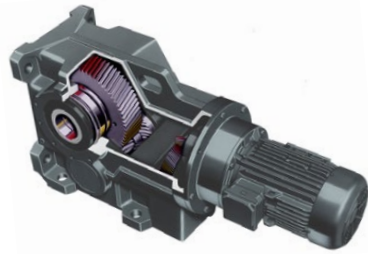


## INDUSTRIES SERVED

- Food & Beverage
- Mining
- Grain
- Paper
- Forest Products
- Steel
- Waste & Water Treatment

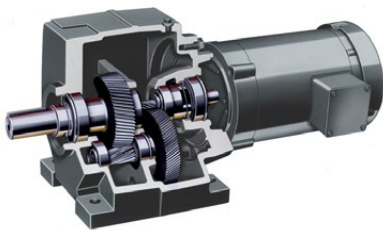
## APPLICATIONS

- Unit handling
- Mixing/Blending
- Aerators/Separators
- Pasteurizers/Coolers/Warmers
- Elevators
- Stackers/Reclaimers
- Dryers
- Pumps



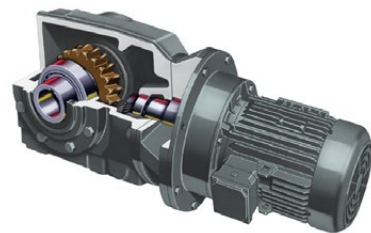
### Falk® Ultramite® UB Right-Angle Helical Bevel

- 11 sizes
- 1/4 to 300 hp (.19 to 225 kW) capacity, maximum torque 292,000 in-lbs (33 kNm)
- Ratios from 8:1 up to 10,000:1
- C-face and solid inputs, inch or metric
- Solid or hollow outputs with TA Taper bushings (exclusive lifetime removal guarantee)
- Base, shaft, or flange mounted designs
- Horizontal or vertical mounting



### Falk Ultramite UC Helical Concentric

- 13 sizes
- 1/4 to 300 hp (.19kW to 225 kW) capacity, maximum torque 183,000 in-lbs (20 kNm)
- Ratios from 1.4:1 up to 12,000:1
- C-face and solid inputs, inch or metric
- Base and flange mounted designs
- Horizontal or vertical mounting



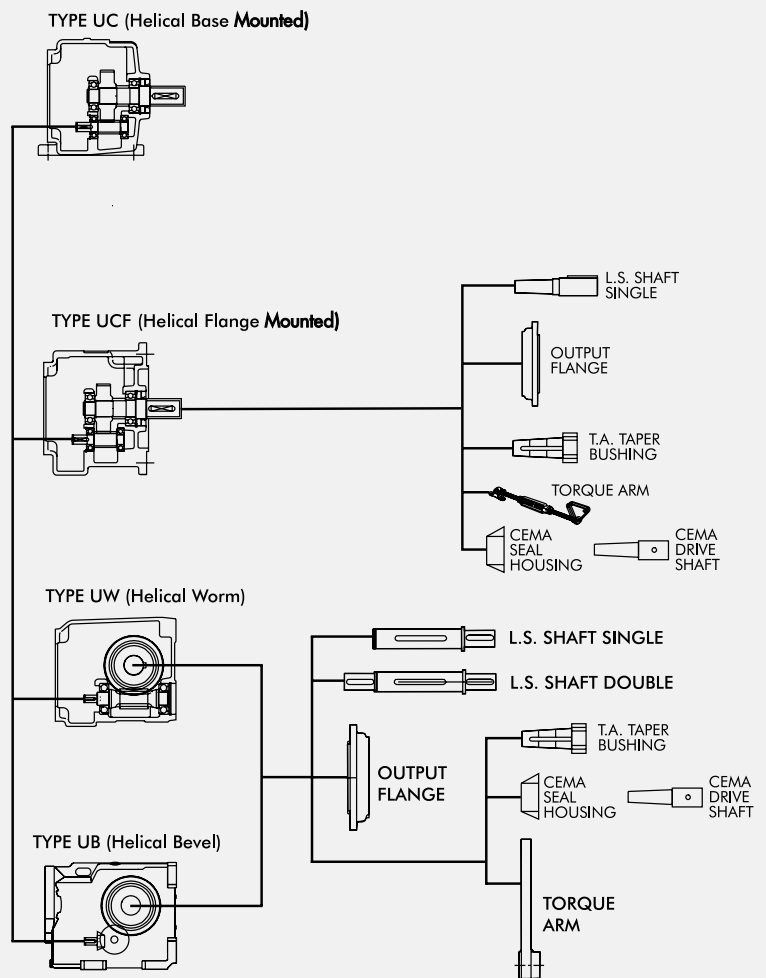
### Falk Ultramite UW Right-Angle Helical Worm

- 8 sizes
- 1/4 to 50 hp (.19 to 37 kW) capacity, maximum torque 46,000 in-lbs (5 kNm)
- Ratios from 8.1 through up to 60,000:1
- C-face and solid inputs, inch or metric
- Base, shaft, or flange mounted designs
- Solid or hollow outputs with TA Taper bushing (exclusive lifetime removal guarantee)
- Horizontal or vertical mounting

## Application Flexibility

The modular design of the entire Ultramite product line allows accessories to be quickly and easily fitted to the drive, delivering the versatility and flexibility needed for maximum application coverage. All four Ultramite designs match industry-standard critical mounting dimensions of popular gearmotors.

- Base-to-centerline distance
- Low speed shaft diameter
- Mounting bolt-hole patterns (foot or flange mounted)
- Additional accessories, combined with other Regal Rexnord products, provide the ideal system match for your specific application.





# FALK®

## Motion Control Solutions Regal Rexnord

Contact us: [rexnord.com/contact](https://www.regalrexnord.com/contact)

[regalrexnord.com](https://www.regalrexnord.com)

The proper selection and application of products and components, including assuring that the product is safe for its intended use, are the responsibility of the customer. To view our Application Considerations, please visit <https://www.regalrexnord.com/Application-Considerations>. To view our Standard Terms and Conditions of Sale, please visit <https://www.regalrexnord.com/Terms-and-Conditions-of-Sale> (which may redirect to other website locations based on product family).

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