

Falk Ultramite Gearmotors

– NEMA/IEC Compatibility and Drop-in Replacement



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

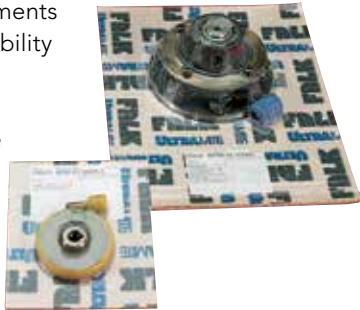
It's a winning combination. Start with a compact size that's the perfect fit for the .19 kW/.25 hp through 37 kW/100 hp power range. You can choose a standard plug-in high-efficiency National Electrical Manufacturing Association (NEMA)/International Electrotechnical Commission (IEC) motor from stock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

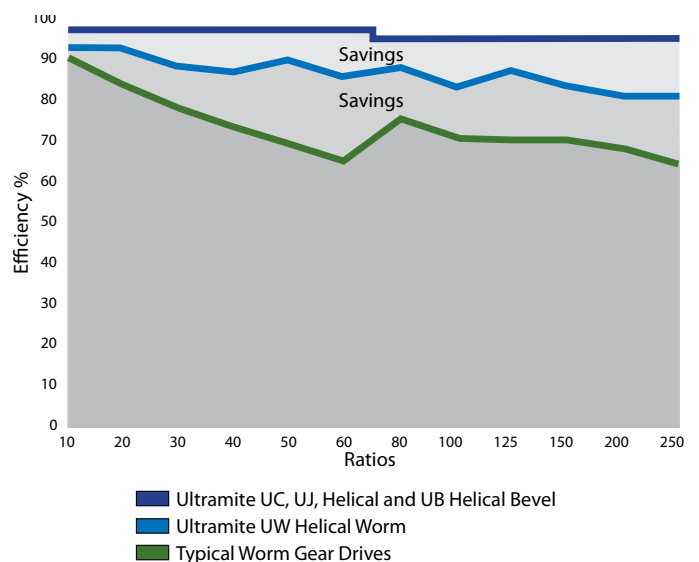
An innovative motor bushing eliminates fretting between motor and gear drive and delivers positive torque transfer. This patented design offers easy installation and allows quick, trouble-free changeout even after years of hard, continuous use.



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 hp to 300 hp (.19kW to 37kW) capacity, maximum torque 292,000 in-lbs
- 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

- 10 sizes
- 1/4 hp to 100 hp (.19kW to 37kW) capacity, maximum torque 44,000 in-lbs
- 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 hp to 100 hp (.19kW to 37kW) capacity, maximum torque 62,000 in-lbs
- 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



Falk Ultramite UJ Shaft-Mounted Offset Helical

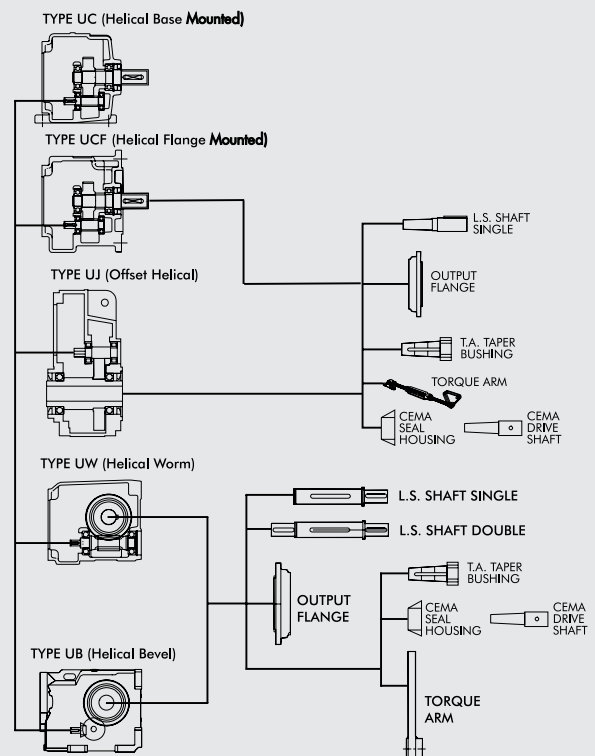
- 6 sizes
- 1/4 hp to 100 hp (.19kW to 37kW) capacity, maximum torque 65,000 in-lbs
- Ratios from 5:1 up to 20,000:1
- C-face and solid inputs, provide convenient, beltless packages
- Base, shaft, or flange mounted designs
- Shaft-mounted designs utilize Falk's unique TA Taper bushing
- CEMA screw conveyor design
- 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 Rexnord products, provide the ideal system match for your specific application.





866-REXNORD/866-739-6673 (Within the US)
414-643-2366 (Outside the US)
www.rexnord.com

Why Choose Rexnord?

When it comes to providing highly engineered products that improve productivity and efficiency for industrial applications worldwide, Rexnord is the most reliable in the industry. Commitment to customer satisfaction and superior value extend across every business function.

Delivering Lowest Total Cost of Ownership

The highest quality products are designed to help prevent equipment downtime and increase productivity and dependable operation.

Valuable Expertise

An extensive product offering is accompanied by global sales specialists, customer service and maintenance support teams, available anytime.

Solutions to Enhance Ease of Doing Business

Commitment to operational excellence ensures the right products at the right place at the right time.

REXNORD

Rexnord Company Overview

Rexnord is a growth-oriented, multi-platform industrial company with leading market shares and highly trusted brands that serve a diverse array of global end markets.

Process & Motion Control

The Rexnord Process & Motion Control platform designs, manufactures, markets and services specified, highly engineered mechanical components used within complex systems where our customers' reliability requirements and the cost of failure or downtime are extremely high.

Water Management

The Rexnord Water Management platform designs, procures, manufactures and markets products that provide and enhance water quality, safety, flow control and conservation.