



The NEW Falk Ultramite

New Sizes/Types and Improved Total Cost of Ownership

Rexnord® Falk® Ultramite® provides unprecedented value and operational savings. New sizes in all product lines, plus a new mixer drive line. All with enhanced total cost of ownership at industry-leading prices.

Longer Service Life

An integral high-speed pinion is fully supported by bearings within the gearbox, not by motor bearings. Dual lip seals prevent contamination. Both features improve overall performance of the gear, as well as the motor.

Application Flexibility to Minimize Downtime

Ultramite is motor-independent, allowing the use of standard NEMA C-face or IEC motors. There is no need to drain oil, or remove the gear from the production line, when replacing the motor. Multiple mounting positions are available and include: base, wall, top, vertical, shaft, and flange.

Lowered total cost of inventory, less downtime, ease of maintenance, and utilization of the motor supplier of choice. Integral requires use of gear manufacturer specific motors with complex pinion output shafts.

Easiest On and Off

A torque-assist (TA) taper bushing eliminates binding found with twin-taper and single-flanged bushings. The inboard bushing location minimizes overhung load on the driven equipment bearings. Minimal shaft engagement is required for initial installation, as well as retrofits. Use of the TA taper bushing system significantly reduces installation and removal times. Standard tolerance drive shafting can be used, eliminating the need for expensive precision shafting.

Lifetime Removal Guarantee

Shaft mounted drives using our patented TA taper bushing are guaranteed to come off the shaft, regardless of length of service or operating conditions, or Rexnord will replace it for free.

Warranty

All Ultramite products come with a comprehensive, full three-year warranty that includes both bearings and seals.



Rexnord Falk Ultramite provides unprecedented value and operational savings. Paired with high efficiency motors.



UW Right Angle Helical Worm

Ratios: 8:1 to 60,000:1
Power: 1/4 to 50 hp (19 to 37 kW) capacity
Torque: Up to 46,000 in-lbs (5 kNm)
Available in inch or metric

- Eight sizes
- Straight bored hollow, tapered hollow shaft with TA bushing or solid output shafts
- Optional low-speed flange



UB Right Angle Helical Bevel

Ratios: 8:1 to 10,000:1
Power: 1/4 to 300 hp (.19 to 225 kW) capacity
Torque: Up to 292,000 in-lbs (33 kNm)
Available in inch or metric

- 11 sizes
- Straight bored hollow, tapered hollow shaft with torque-assist (TA) bushing or solid output shafts



UC Helical Concentric

Ratios: 1.4:1 up to 16,000:1
Power: 1/4 to 300 hp (.19 to 225 kW) capacity
Torque: Up to 183,000 in-lbs (20 kNm)
Available in inch or metric

- 13 sizes
- Base and option flange mounted designs



UJ Shaft-Mounted Offset Helical

Ratios: 5:1 to 20,000:1
Power: 1/4 to 180 hp (.19 to 200 kW) capacity
Torque: Up to 132,000 in-lbs (15 kNm)
Available in inch or metric

- Eight sizes
- Shaft-mounted designs utilize TA taper bushing
- CEMA screw conveyor design available



Ultramite Inline Mixer

Ratios: 5.6:1 – 224:1
Power: 1.5 to 50 hp (1.11 to 37.5 kW) capacity
Torque: Up to 220,000 in-lbs (25 kNm)

- Seven sizes
- Heavy duty output shaft
- Drywell available in sizes 310 and larger
- Utilizes industry standard C-face motors