

# INNOVATION INFORMATION SHEET

## Flex-Guard In-Line Flange Swivel



## **FLEX-GUARD**

### IN-LINE FLANGE SWIVEL

#### **Eliminate Hose Failure & Maximize Equipment Life.**

The UEA Flex Guard In-Line Flange Swivel is designed to eliminate hydraulic hose failure caused by excessive twisting and flex fatigue. Engineered for high-use hydraulic systems, these swivels ensure smooth rotation, reduce maintenance downtime, and extend hose life—ultimately saving you time and money.

Built with advanced seal technology, and precision ball bearings, the Flex Guard Swivel is the ideal solution for industries that rely on reliable, hydraulic performance.

#### **Advanced Seal Package for Maximum Protection**

At the core of the Flex Guard In-Line Flange Swivel is our innovative seal package, designed to prevent leaks. This advanced system features energized cap seals, which provide longer-lasting durability and maintain a secure seal under high pressure. A high-temperature urethane-loaded lip U-cup increases performance by preventing leaks at both low temperatures and pressures, ensuring reliable operation in fluctuating environments. A backup ring reinforces the seal structure, reducing wear and extending the lifespan of the flange swivel. This combination of high-performance sealing components delivers exceptional reliability.

**Prevent Hose Failure** – Eliminates excessive twisting and flex fatigue, extending hose lifespan.

**Handles Extreme Pressures** – Rated for 5,500+ psi working pressure and 16,000+ psi pressure spikes.

**Advanced Seal Technology** – Features a high-temp urethane loaded lip seal package for leak protection.

**Smooth, Reliable Rotation** – Dual-row ball bearings deliver free movement for the life of the machine.

**Versatile Configurations** – Available in multiple sizes and connection types for seamless integration.

#### **Flexible Configurations for Any System**

We offer a variety of connection options.

- -16 to -16 Code 62
- -16 to -24 Code 62
- -24 to -24 Code 62
- -24 to -24 Code 62 (Right Angle)
- -24 Code 62 to -24 ORB (Right Angle)
- -16 Code 62 to -16 ORB
- In-line -12 ORFS Swivel