BAL SEAL® SEALS IN LOW-PRESSURE HYDRAULIC CYLINDERS

Low-pressure hydraulic cylinders are extensively used in industrial, agriculture, processing, and manufacturing equipment and other industrial machinery. Hydraulic cylinders must operate with minimal downtime in harsh environments and conditions; failure during production is costly.

Bal Seal® seals enhance performance and ensure sealing repeatability, which reduces production expenses by minimizing costly downtime.

Operating Parameters
- Sealing pressure: 3,000 psi (211 kg/cm²)
- Typical speed: Slow
- Temperature: -65°F to 250°F (-54°C to 121°C)
- Media: Hydraulic oil, environment and dirt particles

Features:
- High-pressure, double-acting Bal Seal seals with canted coil spring energizer for long seal life
- High-pressure backup rings – designed for minimal seal extrusion and fabricated from non-scratching, low-friction materials
- Bal Seal spring-energized guide rings hold the piston concentric for reduced seal wear and reduced cylinder bore scratching
- Canted coil energized environmental seals provide maximum external sealing, minimal friction and long life

For more information and technical assistance, contact a technical sales representative.