BAL SEAL® SEALS IN COMPRESSOR UNLOADER VALVES

Many compressor systems operate in a constant speed mode, reducing high starting-load electrical surges. These systems require a method to prevent pressure build-up in the receiving tank. Compressor unloader valves divert the flow from the compressor once the desired tank pressure has been reached.

Bal Seal seals provide low-friction while maintaining relatively constant sealing loads over long periods of time. They also provide excellent service in minimally lubricated environments while offering a high degree of chemical compatibility with many liquids and gases.

Operating Parameters
Sealing pressure: 300 psi (21 kg/cm²)
Temperature: 250°F (121°C)
Media: Air or gasses
Additional: Low friction, long life and chemical compatibility

Seal Selection: P15X

Features:
- Seal design retains the seal in the low step grooves during valve operation
- Long-lip design provides improved spring retention
- Patented, canted-coil spring energizer provides near-constant force over the spring deflection range, which ensures low frictional drag, consistent sealing and long life

For more information and technical assistance, consult our Technical Sales Department.