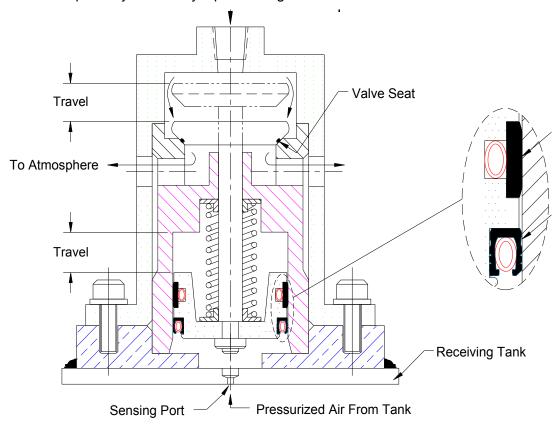


## BAL SEAL® SEALS IN COMPRESSOR UNLOADER VALVES

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/cm<sup>2</sup>)

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 the Technical Sales Department.