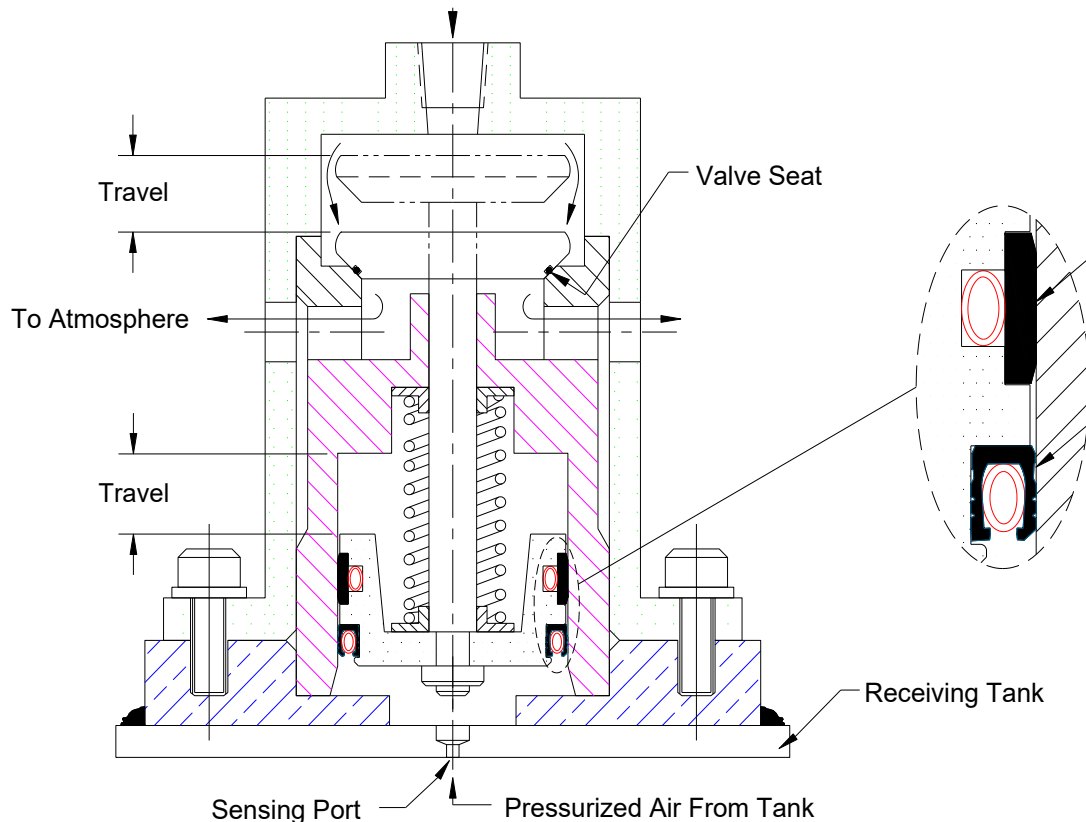


BAL SEAL® SEALS IN COMPRESSOR UNLOADER VALVES

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.

PATENTS: The items described in this page include products that are the subject of issued United States and foreign patents or products where patents are pending, including the following: Patents 6,641,141 B2; 7,210,398 B2; 6,161,838; 5,992,856; 5,134,244

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Bal Seal Engineering is certified to ISO 9001 | www.balseal.com