

Double Deck Volume Pockets

A double deck volume pocket is used to add clearance volume to the end of a pipeline cylinder through the valve port. An unloader assembly is pneumatically actuated to either fully open or fully close the pocket. The volume pocket assembly is mounted in the valve port of the cylinder.

The unloader requires 80-100 psi of air or gas pressure to operate. Using a solenoid valve, it can be operated by electronic signals from a flow computer or PLC. In most cases, the pocket is normally unloaded with air or gas pressure required to load (close the pocket) the cylinder.

Contact Ariel Corporation for availability and data regarding double deck volume pocket applications.

