

Series DVA

Ready To Install Diverter Assembly



- ▶ Ease of installation
- ▶ Ease of Maintenance
- ▶ Long Cycle Life
- ▶ Designed for Abrasives and Slurries
- ▶ 1" thru 8" Line Sizes



The Series DVA from RKL Controls is a complete, ready-to install diverter valve assembly. The Series DVA consists of an ANSI 125# flanged 45° Y-pipe, leading to (2) Series SG air-operated pinch valves, each finished with a flanged spool piece. The unit is controlled through a 4-way dual-solenoid. Each valve is equipped with a pressure gauge for a local visual indication of valve position, and a pressure transmitter to provide remote electronic indication of valve position. The dual-solenoid allows the assembly to be operated either traditionally with one valve opening as the other closes, or independently allowing either valve to be opened or closed as the operator chooses.

The heart of the Series DVA is the Series SG pinch valve from RKL Controls. The SG is completely self-contained and requires no external actuator. Air pressure within the body of the valve pinches an elastomer sleeve closed. The sleeve is abrasion resistant and comes in a range of synthetic elastomers. Since there are no moving parts within the Series SG, cycle life is extremely high.

By providing a complete assembly, RKL Controls simplifies the task of adding a diverter to a piping system. Compared to other diverter valves that use an external actuator and geared operating mechanism, the Series DVA is lighter, more flexible and easier to maintain. The Series SG valves can be removed from the assembly independently so wear on one side of the diverter will not affect the performance of the other.

Typical Applications for the Series DVA include mixing, blending, pH Control, filling and loading. The Series DVA is equally capable on dry powders, wet slurries, abrasives and pure liquids.

Materials of Construction

Valve Bodies: Cast Iron or Aluminum

Spool pieces: Cast Iron

Sleeves Available in: Pure Gum Rubber, Neoprene, Buna-N, Chlorobutyl, Hypalon®, EPDM, Viton® and Food Grade EPDM.

