

*Xothermic, Inc. developed the Sweep Diverter Valve as a unique solution to a high cycle, high flow control application challenge.*

*This valve has specially developed seals and bearings to withstand intense use.*

*This seal/bearing design:*

- *increased operational time*
- *requires simple 10 minute seal and bearing replacement to place valve back into service*

*This valve:*

- *Is constructed for use with oxygen, but has applications with other media*
- *can be configured for different applications*



**TOP (Motor):** Positioning is performed by a DC stepper motor with input from analog 4-20 mA signal. Stepper motor provides precision positioning and speed control without the need for air or supplemental supplies. Other positioning signal options are: Profinet, CANopen and Ethernet TCP/ICP.

**BOTTOM (Ports):** This valve can be configured to close off all ports or cycle between the three ports. Configuration for the sweeping application requires cycling between two ports while the third is open. Other configurations are possible where tight shut-off is not needed.

