

SOLUTION HIGHLIGHTS///

SHAFT SEAL FLOW CONTROL



Discover our solution that boosts the reliability of AL and BL high-duty rotary valve series (including AXL, BXL, BXXL and NR) even more: the DMN-WESTINGHOUSE shaft seal flow control. This flow control system is designed to create a stable airflow to the rotor shaft seals, generating a continuous overpressure compared to the line pressure. Unlike pressure control, airflow control allows you to register blockages or leaks.



PERFECT FOR CIP PROCESSES

With flow control, your system will be less prone to pressure variations, making it the go-to solution for CIP processes. On top of that, accurate flow control prevents the build-up of powder residue on the shaft seals that could lead to contamination, leakage, damage and downtime for cleaning and repair.

FOR NEW AND EXISTING VALVES

The shaft seal flow control is designed for our AL and BL range of high-duty rotary valves with a size of 150 to 350. The flow control is available for new valves and can easily be retrofitted on existing valves.

FULL CONTROL

The shaft seal flow control features two flow sensors. This way, the airflow can be monitored and adjusted precisely for each shaft seal. Customers can choose between an analogue flow sensor and a digital sensor. The digital flow sensors offer the advantage of setting threshold values for the airflow, combined with a clear signal when these limits are being exceeded. Digital flow sensors can also be connected to PLC systems to receive feedback remotely.



CLEAN INSTALLATION

Uniquely for the MZC platform, the airflow hoses are fitted with safe quick-release air couplings. When the MZC valve must be opened, the hoses can be neatly stored on a connector mounted to the flow control unit, preventing the hoses from being damaged or tangled up between moving parts.

RETROFIT SALES KIT

For existing AL and BL valves, a retrofit sales kit is available. The kit contains couplings, brackets, and extra parts to retrofit the desired shaft seal flow control to the existing AL or BL rotary valve the customer has installed. For the MZC platform, the retrofit kit also contains safe quick-release air couplings.

INVEST IN RELIABILITY

Our shaft seal flow control sells at a higher price than our pressure control system. That might sound expensive, but preventing a single production interruption for cleaning or repair will repay the difference in cost at once.

AVAILABLE TODAY

Offer your customers a boost in reliability with the shaft seal flow control.

