Large Inlet (XL) Rotary Valves

The AL airlocks and BL blow through valves have been designed for many applications in the metering and pneumatic conveying of products in powder and granular form.

For applications where inlet size is more important than capacity and generally used for products with poor flowability, a range of valves with an enlarged inlet has been developed: the large inlet AXL and BXL valves.

The product line also includes USDA approved models for sanitary use in the food and pharmaceutical industry, the types Dairy and Dairy MZC. The stainless steel valves are easy detachable in a few minutes and meet the highest hygienic standards.

Product Information

The AXL valves are available in stainless steel. The BXL valves are available in stainless steel or aluminum. Other materials are optionally available on request.

The standard rotor has 9 fixed blades. Various rotor configurations are optionally available, such as adjustable blades, reduced capacity, scalloped, end disc, etc.

The valves have outboard ball bearings, and the shaft sealing is by means of gland packing, with the option of air purge.

The standard models are suitable for products up to a temperature of 304°F and a maximum pressure differential of 29 PSI.

Special configurations are available to accommodate temperatures between -392°F and +1652°F. Pressure shock resistant up to 145 PSI.

All models offer optimum venting through the large vent holes, which can be drilled to order.
**AXL ROTARY VALVE**

**FEATURES:**

- High filling efficiency
- Large inlet size in relation to rotor volume
- Sheared angle inlet
- Minimum air leakage
- Pressure shock resistant and flame proof models up to 145 PSI available
- Customized solutions
- Bored flanges in accordance with PN10, ANSI 150 and JIS
- Versions conforming to ATEX 94/9/EC available

Technical modifications are possible, dimensions in mm.
**BXL ROTARY VALVE**

**FEATURES:**
- High filling efficiency
- Large inlet size in relation to rotor volume
- Sheared angle inlet
- Minimum air leakage
- Pressure shock resistant and flame proof models up to 145 PSI available
- Customized solutions
- Bored flanges in accordance with PN10, ANSI 150 and JIS
- Versions conforming to ATEX 94/9/EC available

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![Technical modifications are possible, dimensions in mm.](image-url)
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FEATURES:
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- Sheared angle inlet
- Minimum air leakage
- Pressure shock resistant and flame proof models up to 145 PSI available
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Other Valves: