



- For sanitary use
- Easy detachable rotor
- Low capacity
- Complete valve highly polished (inside and outside)
- Product surfaces FDA approved
- Maximum product temperature up to 100 °C
- System pressure up to 1 bar g
- Versions conforming to ATEC 94/9/EC available
- CIP-suitable versions conforming to EHEDG Type EL Class I available



SAL small sanitary rotary valves

The SAL (Sanitary AirLock) is a low capacity rotary valve with a highly polished surface on both the inside and outside.

The SAL is specially designed for metering purposes in applications where very high hygienic standards as well as ease of operation and cleaning are required. Therefore the SAL is very suitable for use in the pharmaceutical, food and chemical industries. The complete valve can be dismantled for inspection and cleaned in a matter of minutes, thus reducing eventual downtime and production loss.

The SAL is available in 3 sizes: DN80, DN100 and DN150, with capacities of 0,25, 0,8 and 2,5 litre per revolution at 100% filling. Larger sizes are available on request. The size 150 is also available in MZC version with supporting slide bars for easy removal of end cover and rotor without damaging the housing.

Size	80	100	150
Ltr/rev*	0,25	0,8	2,5

* at 100% filling

Product information

The SAL valve is machined from solid stainless steel, not cast material. The valve sizes 80 and 100 are made from solid DIN 1.4404 (AISI 316L) stainless steel and have an easy detachable full end disc rotor with 6 rotor pockets and tri-clamp flange connections. The SAL 150 is the same as the sizes 80 and 100 except that the rotor is fabricated open end design (Daibi rotor) and the flange connections are DN150 (6") drilled according to PN6.

The standard version has an easy detachable rotor, inboard bearings and a direct drive with PTFE lip seals for the shaft sealing. The standard versions are suitable for handling products up to 100 °C and a system pressure of 1 bar g.

Optional are an air motor or DC motor, as well as an air purge rotor shaft sealing. Other variations on the standard valve configuration are available on request.