

NEW SÜDMO VALVE RANGE

RV SOLID

NON-RETURN VALVES

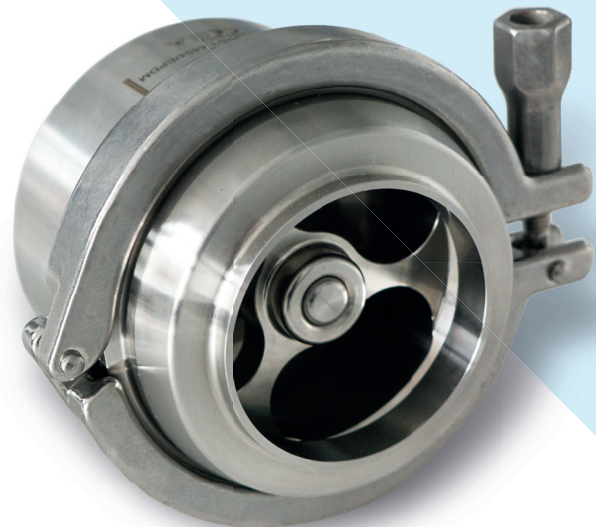
CHALLENGE

In hygienic production processes there are situations where a flow stream is only required in one direction. Backflow needs to be prevented in supply lines or when shutting off pumps. Corresponding valve technology needs to be robust to withstand high flows and pressures but also be easy to clean by common CIP processes.

SOLUTION

The new RV SOLID non-return valve range from Südmö safely avoids backflow in piping.

Front side sealing O-Rings, flow optimized cross sections and an excellent surface quality allows for easy and efficient CIP cleaning. The robust construction allows the valve to perform in even harsh process conditions. The 3A certificate confirms hygienic design and quality components. The RV Solid is suitable for use in the US Dairy industry and is the benchmark for hygienic non-return valves.



CUSTOMER BENEFITS

- **Optimal Cleanability**
- **3A TPV Certification**
- **Robust Design**
- **Easy to Maintain**



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TYPICAL APPLICATIONS

- Avoiding backflow after shutting off pumps
- Avoiding backflow into supply lines

TECHNICAL DATA

Valve Sizes

DN 10-150 / OD 0,5" - 6"

Material Product Wetted Area

1.4404 (AISI 316L)

Operating Pressure

10 bar (145 psi)

Product Wetted Surfaces

Ra ≤ 0,8 µm

Product Wetted Seals

EPDM (FDA/EG1935)

Optional FKM (FDA/EG1935)

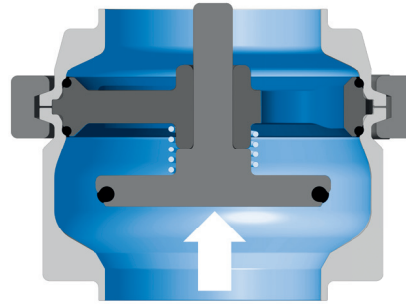
TYPICAL PRODUCTS AND APPLICATIONS

Beverage

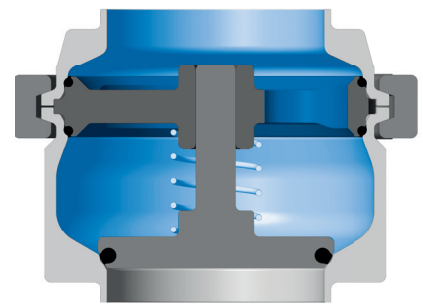
- Beer
- Spirits
- Wine
- Soft Drinks
- Iced Tea
- Fruit Juices
- Water

Dairy & Food

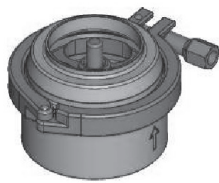
- Cheese
- Yoghurt
- Milk
- Whey Products
- Soups
- Vegetable Purees
- Pet Food



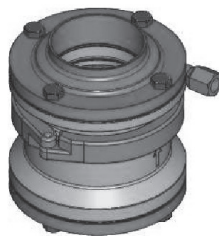
Valve position: Open



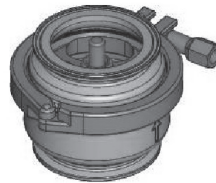
Valve position: Closed



P745
Welding End



P750
Sandwich Style



P760
Tri-Clamp



PENTAIR SÜDMO GMBH

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