

PENTAIR® SÜDMO™ BV PERFORM

HYGIENIC BUTTERFLY VALVE RANGE

Your Process Must-have

Pentair Südmo BV Perform is the comprehensive shut-off butterfly valve range that makes more than just economic sense.

Created from over 60 years of hygienic process equipment expertise, Pentair Südmo BV Perform are a cost-effective, reliable, and easy-to-use range of butterfly valves for your process requirements.

It makes economic sense

Thanks to the unique seal design, Pentair Südmo BV Perform Butterfly Valves are more durable and easier to maintain, which means lower maintenance costs.

The durable design will also allow for longer production cycles.

A valve you can count on

Pentair Südmo BV Perform can withstand harsh process conditions, with the valve seal sitting firmly on the butterfly disk.

Their durability also results in less process downtime, and they comply with the latest market-relevant sealing regulations, including FDA and EG1935/2004.

Uncomplicate matters

Get instant valve positioning feedback thanks to easy integration with feedback unit Pentair Südmo SensoTop.

Because of the valve disk's compact valve design and guidance, Pentair Südmo BV Perform has low switching friction, making them easier to operate.

HOW TO USE PENTAIR SÜDMO BV PERFORM

Pentair Südmo BV Perform Butterfly Valves are used to shut off product flows, such as distribution panels, receiving stations, or containers in hygienic applications.

The valves are intended for use across numerous applications in the beverage and food, dairy, pharmaceutical, and cosmetic industries.



Butterfly Valves BV Perform
with pneumatic actuation
and SensoTop

FEATURES

- ◆ Better resistance against high operating pressures.
- ◆ Complexity reduction on parts and executions optimizing delivery times.
- ◆ Easier adaption of feedback units with uniform actuator concept.
- ◆ Perfect fit for the cost-effective positioning feedback unit Pentair Südmo SensoTop
- ◆ Compliant with the latest market-relevant sealing regulations (e.g., FDA and EG1935/2004).

BENEFITS SNAPSHOT

- ◆ Lower wear and longer production cycles thanks to a durable design.
- ◆ Lower maintenance costs and less downtime due to the unique seal geometry.
- ◆ Greater resilience to harsh process conditions, with the value seal sitting firmly on the butterfly disk.
- ◆ Low switching friction means a more straightforward operation.

PENTAIR® SÜDMO™ BV PERFORM

TECHNICAL DATA

Pentair® Südmö™ BV Perform offers a wide range of different options, including a variety of manual handles and pneumatical actuators. Different pipe classes and multiple options of pipe connections, such as butt welds, tri-clamps and wafer style.

MATERIAL

Product contact

1.4404 (AISI 316L)

Non-product contact

1.4307 (AISI 304 L)

Seals

Standard: EPDM

Optional:

HNBR

VMQ

FPM

PTFE

All seals FDA-compliant.

Other seal materials on request.

OPERATING TEMPERATURES

for EPDM seals

130 °C (266 °F) continuous

150 °C (300 °F) short sterilization

PRESSURES

Control air pressure

Standard 6 bar (87 psi) – 8 bar (116 psi)

Operating pressure

Standard 10 bar (145 psi)

FINISH

Product contact

$Ra \leq 0,8 \mu m$

Non-product contact

$Ra \leq 1,6 \mu m$

CONNECTIONS

Pipe dimensions to

- DIN 11850 Series 2 (DIN 11866 Series A)

- ASTM A270 (ASME BPE-2009 / DIN 11866 Series C)

- DIN EN ISO 1127 (DIN 11866 Series B)

FOR MORE INFORMATION:

Contact us or visit [FOODANDBEVERAGE.PENTAIR.COM](https://www.foodandbeverage.pentair.com)



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