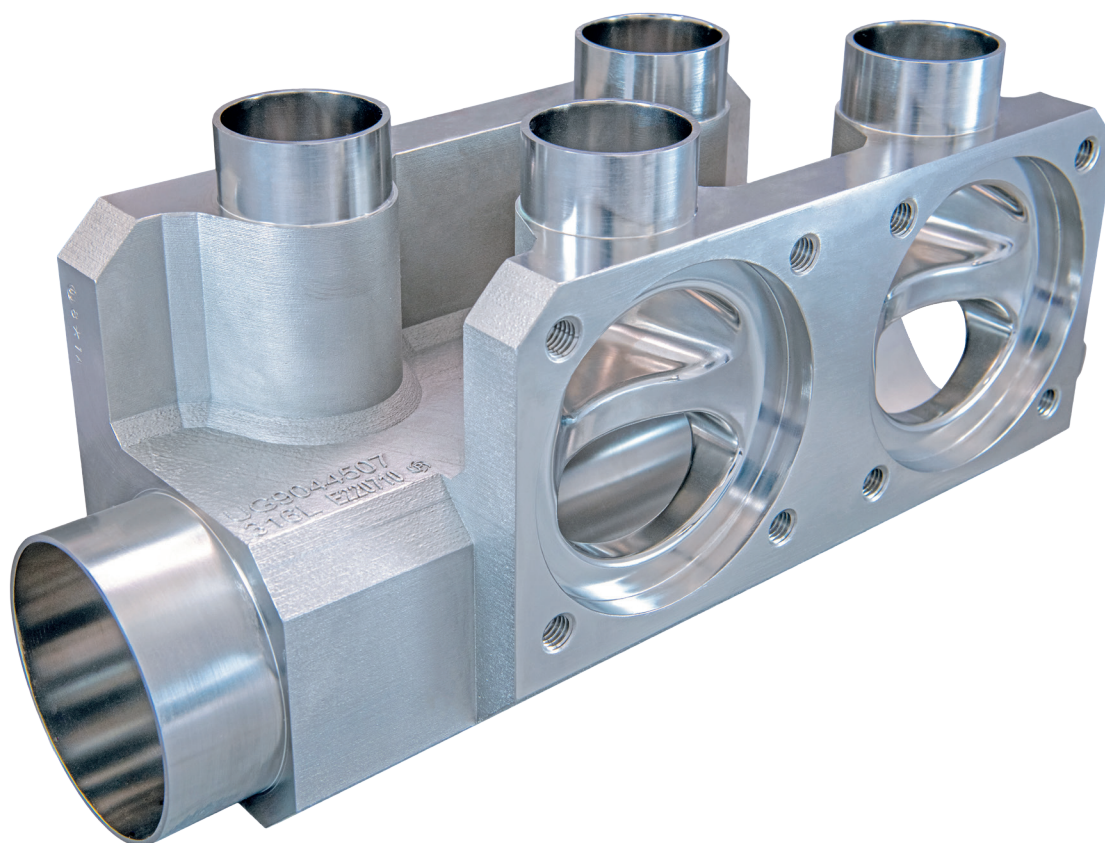


SISTO-C Additive

Innovative diaphragm valves produced with metal 3D printing



- Pharmaceutical industry
- Process engineering
- Biotechnology

- Life sciences
- Chemical industry
- Food industry

- Beverage industry
- Water treatment
- Homogenisation



SISTO-C



SISTO-C investment cast



SISTO-C BAV-F

More information
www.sisto-aseptic.com



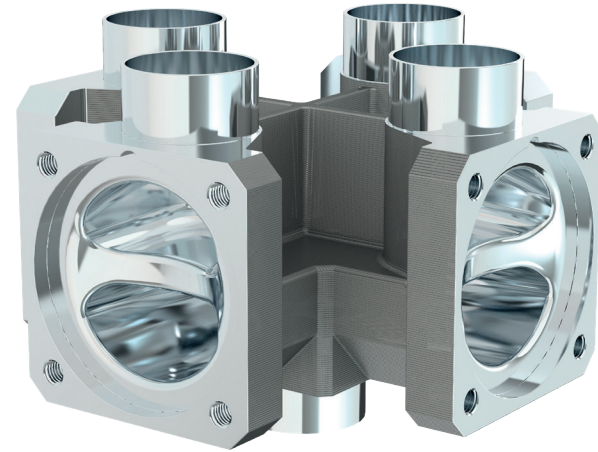
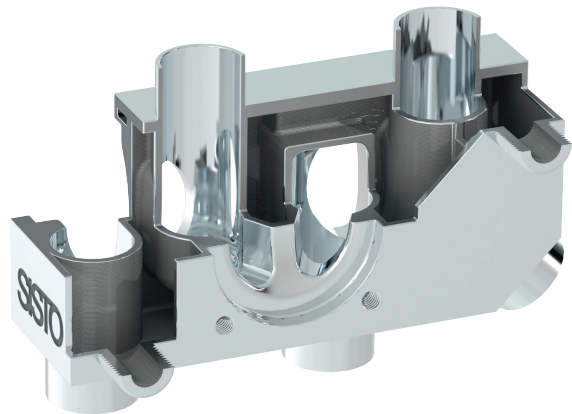
SISTO-C Additive

Why does SISTO use additive manufacturing for valves used in pharmaceutical applications?

Modern pharmaceutical manufacturing plants require high-quality components with outstanding levels of resistance. Components made from special materials such as nickel-based alloys are needed in particular to ensure reliable performance even under extreme conditions. However, these materials are often difficult to source as standard forged bars, resulting in significantly longer delivery times.

SISTO offers the solution: Additive manufacturing. In collaboration with KSB SE & Co. KGaA, we have taken metal 3D printing for diaphragm valves to a whole new level. As a result, our customers not only receive components with a very long service life, they also benefit from significantly shorter delivery times, greater flexibility and a manufacturing process that is precisely tailored to their requirements.

Additive manufacturing from SISTO – for maximum availability, maximum quality and maximum future-proofing.



Your benefits at a glance

Fast delivery times – especially for special materials
No waiting for forged materials. We manufacture flexibly, efficiently and with economical use of materials.

Superior material homogeneity

Powder metallurgy ensures a particularly uniform material structure – generally better than with conventional forged parts.

Lighter and more compact

Only the exact amount of material required is used:

- Less weight
- Space-saving design
- Optimised flow channels

Maximum design freedom

Complex shapes, integrated functions, shorter development times – perfect for customised and efficient solutions

Option for integrated sensors

- Temperature measurement
- pH measurement
- Cooling and heating circuits for valve temperature control

Quality and safety guaranteed

- Standard-compliant material properties
- Material certificate available on request
- TÜV-certified
- Compliant with PED 2014/68/EU

75%
reduction in cooling times

Metal 3D printing: Precision, flexibility and quality redefined



100%
SISTO quality

Why should you choose us?

Because we combine additive manufacturing with industrial precision to create valves that take performance, flexibility and quality to a whole new level.

Using cutting-edge 3D printing technology based on powder bed fusion, we combine maximum design freedom with first-class material quality to produce components that are precisely tailored to your requirements.





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