

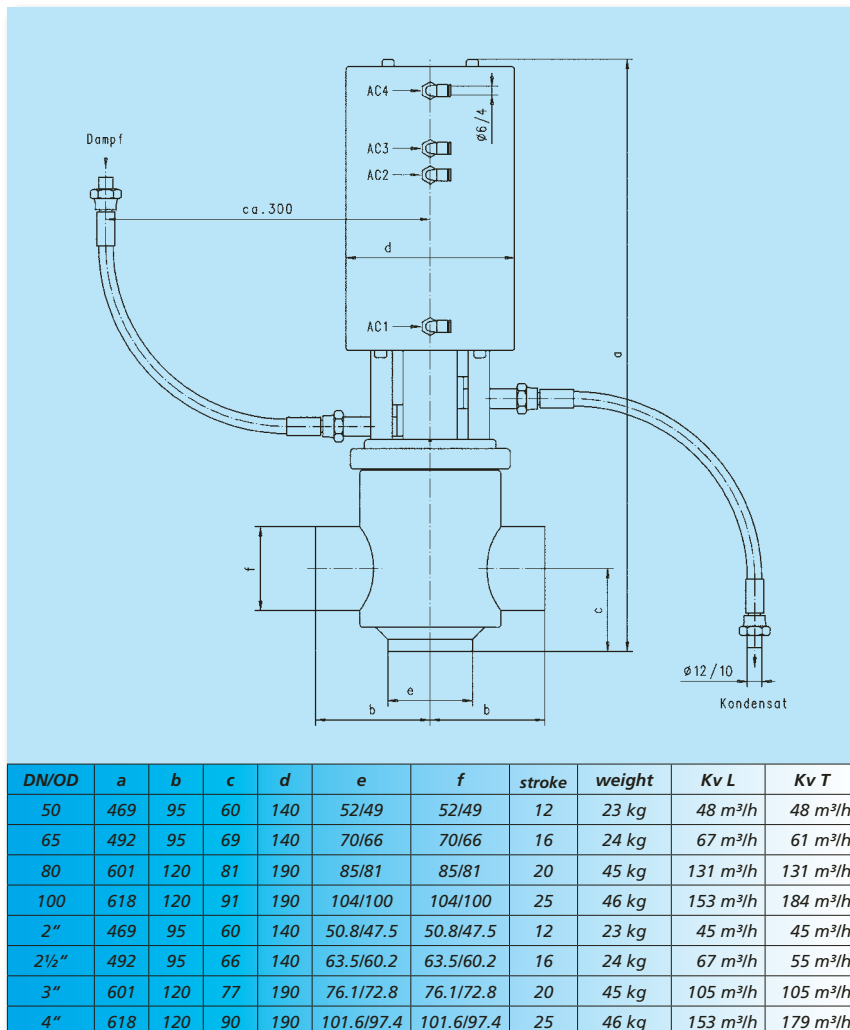
## Aseptic Double Seat Valve N35



### **m**aximum **t**echnical **s**afety

- the valve for the highest demands
- for aseptic production plants
- secure product separation through constant steam pressure in the exclusion area
- valve seats can be raised individually
- for chemical or thermal sterilisation
- hygienic design
- easily CIP cleanable
- 3A Sanitary Standard
- entirely made of stainless steel
- solid construction
- secure, reliable function
- long service life
- ISO 9001: 2000
- made in Switzerland

## Technical Data



Also available for your special needs, like products with solid parts, etc.

### Optional features

- Control top with feedback and solenoid valves
- Feedback unit with proximity switches
- Bellow monitoring system

### Special design

- Housing with MIX connections, nozzles at the side with larger widths

### Applications for the N35 series

MTS aseptic double seat valves of the N35 series are manufactured with nominal widths of 50, 65, 80 and 100. They are shut-off units used primarily in the dairy, beverage and food industry, but also in the cosmetic, pharmaceutical and chemical industry.

MTS Prozesstechnik AG  
St.Gallerstrasse 19  
Postfach 261  
CH-9042 Speicher AR  
Tel. +41 71 343 77 00  
Fax +41 71 343 77 11  
info@mtsag.ch  
www.mtsag.ch

### Connections

DIN 11850 1 + 2  
Inch / ISO

### Product pressure

max. 6 bar  
recommended lower  
than steam pressure

### Steam pressure

max. 4 bar saturated steam, 152 °C,  
recommended 2 to 3 bar  
134 to 144 °C

### Steam consumption

Sterilisation approx. 4 kg/h  
Seat cleaning approx. 35 kg/h

### Compressed air

min. 6 bar, max. 8 bar  
dry and oil free

### Materials

product-wetted  
1.4404 / 1.4435 / 1.4571  
Ra ≤ 0.8 µm

### Actuator

1.4301, bright metal

### Seals

EPDM-FDA

### Service lives

**Bellow**  
200,000 strokes or 3 years

### Product seals

4,000 strokes or 6 months

### Actuator seals

200,000 strokes or 3 years

### Air connections

AC1, cleaning upper valve seat  
AC2, standby position  
AC3 + AC2, open valve  
AC4, cleaning lower valve seat

### Operating temperature

max. 150 °C

