



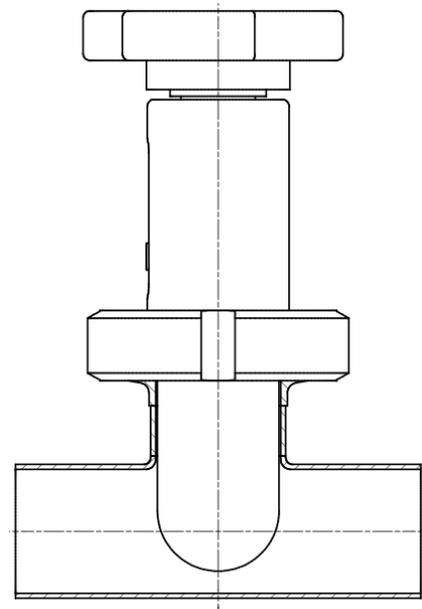
M&S throttle valves are used to limit the volume flow of liquid media in hygienic installations and piping systems. A cylindrical valve cone with a rounded head reduces the passage in the valve, but does not allow a complete shut-off of the flow.

The valve is operated manually and the flow can pass through it from both sides. An optical position indicator informs about the position of the valve cone.

Throttle valve with rotary crank



Cross section throttle valve with hand wheel



Usage

Features

Versions

- For limiting the volume flow of liquid media in hygienic installations and piping systems.

Usage

Features

Versions

- Operationally safe and robust design;
- Flow possible through both sides of the valve;
- No complete shut-off of the flow;
- Simple mounting/dismounting of the valve mechanism on the housing;
- Visual indication of valve position;
- Can be cleaned and sterilised (CIP/SIP).



Usage

Features

Versions

- Sizes
  - \* DN 25 - DN 100.
- Process connections
  - \* LM (liner/nut-male) according to DIN 11851;
  - \* Optionally with welding ends or other connecting elements from the M&S product range.
- Materials
  - \* Housing: 1.4301/AISI 304, 1.4404/AISI 316L;
  - \* Gaskets (FDA compliant): EPDM, FKM, NBR.
- Surfaces
  - \* In contact with product  $Ra \leq 1,6 \mu\text{m}$ , not in contact with product  $Ra \leq 3,2 \mu\text{m}$ ;
  - \* Other surfaces on request.
- Permissible working pressure
  - \* 10 bar.
- Permissible working temperature
  - \* Depending on gasket material.

