Armaturen GmbH

Product information

M&S-T-Butterfly valves

M&S T-butterly valves are used to distribute or divert flowable media.

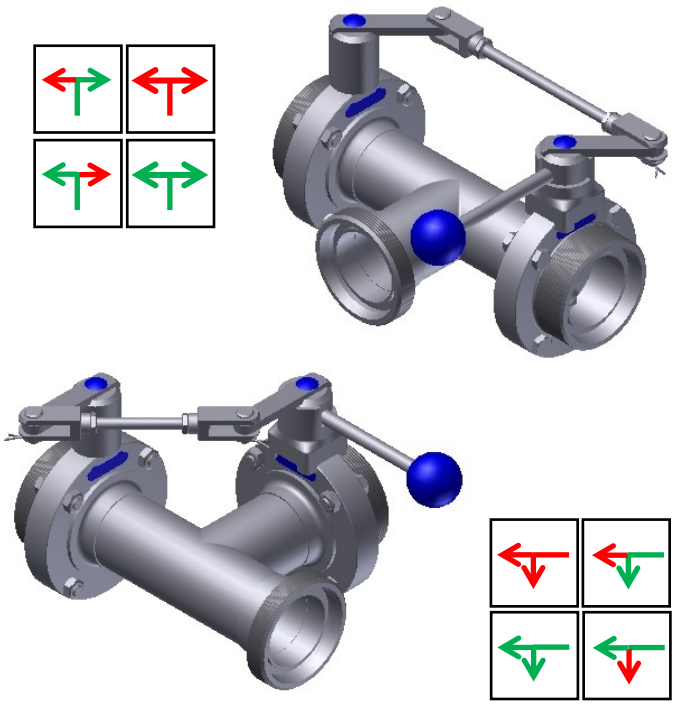
Arranged in a three-way system, they consist of a tee with two manually or pneumatically operated butterfly valves.

The butterfly valves can be switched individually or are coupled with a switching combination. This combines the valves into an "either-or" circuit (1 valve closed - 1 valve open) as well as an "and" circuit (all valves open or closed).

The T-butterfly valves are constructed with the type SV04. Due to their optimised design, these guarantee very good cleanability and longer service life of the gaskets.

Variants with male connections

Switching possibilities forced control



Usage | Features | Versions

- For diverting or distributing liquid, viscous or, to a certain extent, gaseous products in pipelines, apparatus and on tanks and containers.
- Preferably in hygienic production plants and cleaning processes, but can also be used in energy supply.

Usage | **Features** | Versions

- Compact combination of easy-to-clean butterfly valves type SV04;
- Manual operation with switching linkage for forced control, automatic individual control with pneumatic actuators;
- CIP/SIP-capable;
- Hygienic design for diverting products with butterfly valve technology;
- Better hygienic properties than a three-way ball valve;
- Less expensive than a switch-over seat valve.

Industriestraße 24-26 ● 26446 Friedeburg ● Germany ● fon +49 4465 807-0 ● fax +49 4465 807-40 ● info@ms-armaturen.de ● www.ms-armaturen.de

Armaturen GmbH

Product information

M&S-T-Butterfly valves

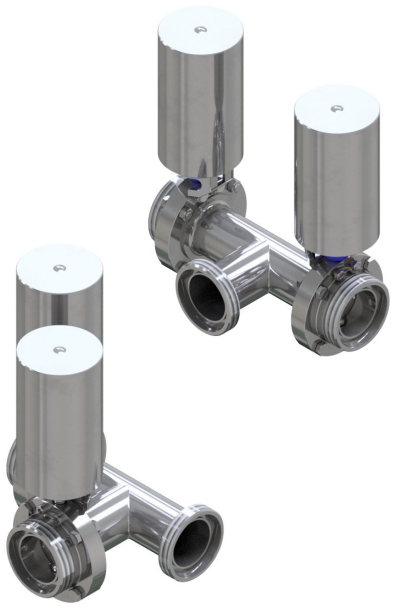
Usage

Features

Versions

Special designs with reduced pipe ends for special applications.

- Minimisation of the dead end in front of the flap;
- Reduction of the product residue in front of the closed outlet;
- Switching distances can be individually controlled with pneumatic valves;
- Can be equipped with two or three butterfly valves;
- Valves can also be equipped with positioner.



Usage

Features

Versions

- Sizes :
  - DN 25 - DN 100.
- Process connections:
  - Weld ends;
  - Connecting elements from the M&S product range.
- Operation:
  - Manual or pneumatic.
- Automation:
  - End position feedback via proximity sensors or double sensor;
  - Different control heads (BUS systems) or positioners.
- Operating pressure:
  - 10 bar.
- Materials:
  - 1.4301/AISI 304, 1.4404/AISI 316L, other stainless steels, titanium or hastelloy;
  - Valve gaskets: VMQ red (also transparent), HNBR (FDA compliant); EPDM, FKM (FDA compliant and USP Class VI)
- Surfaces:
  - In contact with product *Ra* ≤ 0,8 µm;
  - Not in contact with product *Ra* ≤ 1,6 µm.
- Operating temperature:
  - Depending on gasket material (see data sheet gasket qualities).
- Also available as ATEX version

M&S Armaturen GmbH
Industriestraße 24-26 ● 26446 Friedeburg ● Germany ● fon +49 4465 807-0 ● fax +49 4465 807-40 ● info@ms-armaturen.de ● www.ms-armaturen.de