



M&S butterfly valves are shut off devices that are used in almost every production line in the foodstuff, beverages, cosmetic, chemical and pharmaceutical industries.

The butterfly valve type SV04 is a further development of the type Classic. It was optimized in terms of hygiene, design, and assembly friendliness. Gasket service life and vacuum tightness have also been significantly improved by the new gasket geometry.

The type SV04 represents state-of-the-art in M&S technology.

Product family type SV04



Usage

Features

Versions

- To shut off liquid, viscous and in a limited way gaseous media in pipelines, instruments and containers.
- Mainly in hygienic production lines or for cleaning processes as well as in energy supply.
- Also to control the flow volume in connection with a positioner.
- To deflect media flows by means of distributor combinations (T-SV).
- Design as leakage butterfly valve for safe media separation (e.g. to separate product from cleaning media).

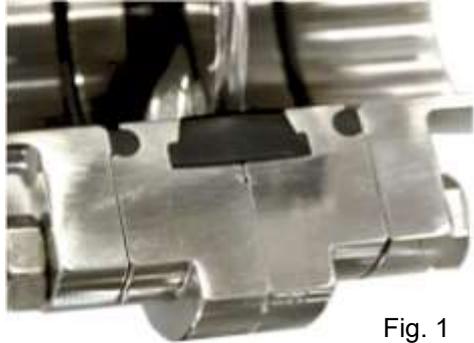
Usage

Features

Versions

- Hygienic design.
- Very easy to clean and sterilize as well as durable, robust, reliable and safe to operate.
- Vacuum-tight sealing technology.
- Housing parts and flaps in principle made of forged primary material.
- Gaskets in principle FDA-compliant.
- Marking of heat number, manufacturer and material.
- EHEDG-certified until 2019 (re-certification pending).
- Assembly-friendly.
- Modular system (see page 3).



Usage	Features	Versions
<p>Special features:</p> <p>General</p> <ul style="list-style-type: none"> • Optimized sealing technology <ul style="list-style-type: none"> * to increase service life by: <ul style="list-style-type: none"> ◇ Reducing the walking force in the closing area. ◇ Less friction due to oval shaft passage. * for safe gasket seat in vacuum conditions or high flow speed thanks to T-geometry (figure 1). • Assembly-friendly/handling <ul style="list-style-type: none"> * Simple adaption of the pneumatic actuators due to separate attachment holes. * Easy assembly of the proximity switches by prepare receptacles (figure 2). • Optionally 16 bar on housing stability (up to DN 100). • Optional acceptance acc. to TA-Luft (with marking). • ATEX version optional. <p>Between flanges version (BF)</p> <ul style="list-style-type: none"> • Improved hygienic properties by <ul style="list-style-type: none"> * sealing and centring the housing following DIN11864. * Compact installation dimensions. * Flush closed outer contour (figure 1). 		 <p>Fig. 1</p>  <p>Fig. 2</p>

Usage	Features	Versions
<ul style="list-style-type: none"> • Sizes <ul style="list-style-type: none"> * DN 15 - DN 200 • Process connections <ul style="list-style-type: none"> * Weld ends * Connecting elements from the M&S portfolio • Operation <ul style="list-style-type: none"> * hand, pneumatic or electrical • Automation <ul style="list-style-type: none"> * Different control heads (FIELD BUS systems) or position controllers • Operating pressure <ul style="list-style-type: none"> * 10 bar (DN 15 - DN 150), 6 bar DN 200 * Optionally 16 bar on housing stability • Materials <ul style="list-style-type: none"> * Housing: 1.4301/AISI 304, 1.4404/AISI 316L, other stainless steels, titanium or hastelloy * Gaskets: VMQ red (also transparent), HNBR (FDA-compliant); EPDM, FKM (FDA-compliant and USP Class VI) • Surfaces <ul style="list-style-type: none"> * In contact with product $Ra = 0.8 \mu m$ * Not in contact with product $Ra = 1.6 \mu m$ • Operating temperature <ul style="list-style-type: none"> * Depending on the seal material (see datasheet of gasket qualities) • Also available as ATEX version 		



Usage

Features

Versions

