

Our Philosophy: Perfection in the smallest detail

A good idea has its origins and roots far back in **experience**, but it can be developed to create **something never seen before**, and is therefore incomparable and unequalled.

For simple and easy cleaning of the valves, it is often sufficient to rotate the valve halves outwards by 180°, both of the active and the passive valve.



Before dismantling, the docking system can be mounted with a CIP dome having a static or rotating CIP nozzle to bind the dust particles to prevent dust from escaping. In most cases, the parts to be cleaned (active valve with bellows) are removed from the process station using a suction pad without the need to disconnect the hoses and cables from the actuators or controls.



With the need for ever-shorter downtimes, production can be resumed after five minutes simply by installing another active valve. This saves time and money - an unbeatable advantage.

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VALVES FOR HIGHEST REQUIREMENTS

An excellent concept

All new from square one – with a technology that makes this docking system unique. **Without any compromises** and with clear guidelines for this new docking system: **to make everything better.**

The new docking system consists of an active and a passive valve that are supported on two sides by high-grade precision bearings. The passive valve can be mounted on the inlet and/or outlet of a container. The active valve is operated either manually or automatically, is integrated into the filling or discharging side of the process station, and can be equipped with a diversity of options. When docking, the GMP designed locking pins centre the active and passive valve on to each other. Both split valves open simultaneously after docking. During filling and discharging the product is fully contained under perfect conditions.



Whether Alloy 59, HC 22, coatings, or special light weight materials for non-product contacting parts to save weight, seal materials in EPDM, VITON or Perfluoroelastomer – everything is possible. It's only a matter of requirements.



The docking process can be achieved either with a mobile container using a lifting column, or automatically with lifting cylinders mounted directly on to the active valve. After undocking, the active valve will return to its centred position. When redocking, the active valve will pinpoint the passive valve with an accuracy of ± 14 mm.



Details complying with ultimate technical requirements to ensure that the entire system meets ultimate process requirements.



Sophisticated in every detail

Automation is not always needed. Sometimes, less is more. Manual valves are easy to operate and do not need controls.



An active valve can be transformed into a passive valve, or an automatic active valve can be converted into a manual valve simply by eliminating or replacing a few parts. That means: a minor refit resulting in shorter downtimes without additional spare parts.



More convenience in practice

This new docking system is much easier and more convenient to operate, the positioning of the passive valve on to the active valve is 180° turnable.

Automatic container discharging system with manual active valve

The active and passive valve opening at the same time means that the product never comes into contact with the environment during refilling. Operating personnel are protected and full compliance with safety requirements is guaranteed. The products are manufactured and transported under sealed conditions with contamination values below $1 \mu\text{g}/\text{m}^3$. The low overall height of the system allows its installation not only in new plants; it can also be integrated with little effort in existing plants using a modular system.

