



- Simple and cost-effective solution for the dosing of powders and granules
- High level of dosing accuracy
- Hygienic design
- No rotating parts
- CIP / SIP
- Possible integrated fluidization for improved flowability
- No risk of particle release, dust-free
- Easy integration into transfer and packaging lines
- Ergonomic



Easy Cleaning



User Friendly



High Accuracy



Cost Effective



No Rotating Parts

DosiValve® has been especially designed to avoid typical flow and accuracy problems when using standard rotating or vibration valves even when handling difficult products.

This dosing unit either works through conventional gravity charging and discharging applications (drums, big bags, containers, silo, hoppers, etc.) or active powder charging, i.e. in combination with the PTS Powder Transfer System® over a distance in a safe and contained manner. The pneumatically actuated piston opens and closes according to set parameters. By varying both the frequency of the piston's movement and the stroke, speed, weight and precision are controlled.

DosiValve® - Gravity Charging

DosiValve® can be directly installed into

the chute between the equipment to be discharged and the filling station.

The valve is sealed and guarantees full tightness to gas and liquid. In case of difficult products such as sticky or bridging powders, it can be combined with a fluidization cone or alternatively, when the product is slightly agglomerated and difficult to fluidize, DosiValve® can be combined with an agitated hopper promoting the powder flow.

DosiValve® - Active Charging

DosiValve® combined with the PTS Powder Transfer System® is the optimal solution for accurately transferring and dosing in a single operation. The system allows to transfer powder out of process equipment such as dryers etc. and directly doses it into the final packaging.

Design

- AISI 316L stainless steel, electro-polished
- DIN / AINSI flanges / TriCLamp connections

Options

- Various materials available (HC22)
- Fluidization cone for optimized product flow
- Available in a range of sizes



Left

Active powder charging using the DCS® Drum Containment System in combination with the DosiValve® and PTS Powder Transfer System®.

Below

DosiValve® shown in closed and open position.

