

SERVOLIFT

Experts in Process, Handling & Design

Weighing & Dosing Valve System Type: Double-V



Innovation in Powder Metering Technology

SERVOLIFT & Co.Ra Double V valve is a innovative system to accurately weigh-off and dose powders without a "feeder".

- *Reduce cleaning and changeover time up to 90%*
- *Eliminate product contacting surfaces up to 80%*
- *Eliminate cross contamination possibilities*



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SERVOLIFT
35 Righter Road
Randolph, NJ 07869
Ph: 973-442-7878 - www.servo-lift.com

The Advantage: Proven Designs - Fully Customized - Unmatched Experience

Double-V Profile

The CO.RA/Servolift Double-V dosing valve system is a revolutionary product that replaces all other feeding technologies on the market today.

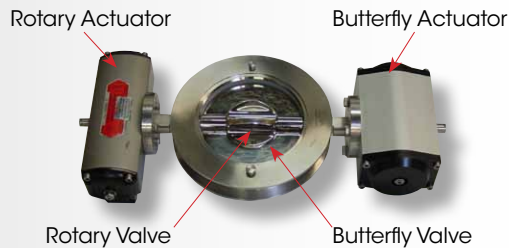
The system can be set up for either Loss-in-Weight or Gain-in-Weight feeding, and can handle both powders and granules.

The unit can dose directly out of a product container or hopper, and eliminates traditional feeder flaws such as residual product waste and product re-working (degradation and segregation).

Can you currently disassemble, clean, and reassemble your dosing system in 15 minutes? If not then the Double-V might be your solution.



System Features



The CO.RA/Servolift Double-V dosing valve is a combination butterfly valve and rotary valve which allows for both bulk and dribble feeding.

With sizes ranging from 6" to 10" any flow rate can be achieved.

Materials of Construction

Double-V valve Controls can be customized to suit every individual process requirement.

- 316L Stainless Steel - High mirror polish ~0.05 Ra micron
- 304 Stainless Steel - non product contact parts
- Anodized Aluminum Actuators
- Platinum cured silicone seal (FDA CFR 177.2600)

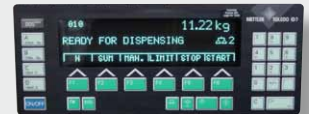
Other Advantages

- Most GMP feeder on the market
- Lightest Weight & Lowest Profile of any feeder on the market
- No tools required to assemble or disassemble
- Least product contact surfaces of any feeder system

HOW IT WORKS

STEP 1

Set weight limits on the weigh controller. Press start for automatic operation.



STEP 2

The butterfly valve opens up to maximum for fast bulk dosing.



STEP 3

The butterfly valve continually closes until 90-95% of the target weight is achieved.



STEP 4

The butterfly valve shuts off and the rotary valve starts fine dosing until the target weight is met.

