



# GMP ROTARY VALVES

WD 150, WD 180, WD 250



## MATERIAL EXAMPLES

- food phosphates
- active pharmaceutical ingredients
- activated carbon
- cell culture feed
- coffee
- dry herbal extracts
- icing sugar
- iron hydroxide
- plastic granules

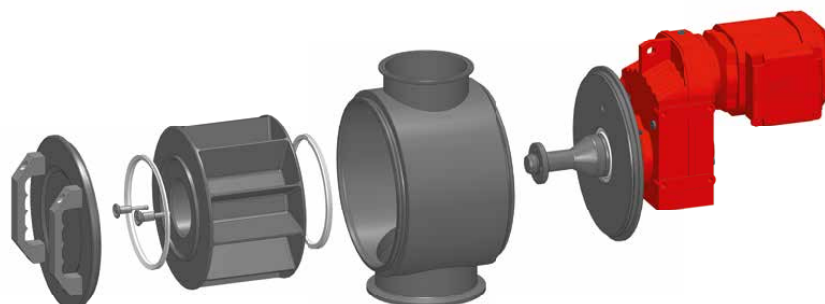


# GMP ROTARY VALVES

## WD 150, WD 180, WD 250

The Rotary Valves series WD 150-250 are used for dosing and discharging a broad range of bulk materials. The rotary valve is mainly used in the pharmaceutical, food, chemical and plastics processing industries. As required, different rotation speeds and electrical power may be applied. The design is in stainless steel 1.4404 with FDA-compliant sealing material and a twin shaft seal with sealing gas in accordance with GMP standards. Surfaces in contact with product are laid out in  $Ra \leq 0,8 \mu m$ . The rotary valve can be dismantled completely and efficiently through two clamps and warrants easy cleaning processes for GMP validation.

| Model/size               | WD 150                       | WD 180                       | WD 250                       |
|--------------------------|------------------------------|------------------------------|------------------------------|
| Gear motor               | 0,25 kW                      | 0,25 kW                      | 0,37 kW                      |
| Throughput (100%filling) | 0,53 l/turn<br>max. 2,0 m³/h | 1,48 l/turn<br>max. 2,5 m³/h | 5,11 l/turn<br>max. 7,8 m³/h |
| Weight                   | approx. 52 kg                | approx. 64 kg                | approx. 75 kg                |
| Inlet/Outlet (DIN 32676) | Clamp DN 80/DN 100           | Clamp DN 100/DN 125          | Clamp DN 125/DN 150          |



### OPTIONS

Request your specific RV layout. We prepare your customized solution based on our modular system and integrate the RV into your production environment. Ask us for peripheral components like a big bag connection hopper, weighing solutions, metal separators and sieves, bag and big bag discharge and charging stations as well as comprehensive pneumatic transport solutions to and from the RV.

### FULL SERVICE

Optimize the operational performance of your rotary valves with our dedicated maintenance services. We warrant short term availability of original spare parts throughout the life time of your unit.

