Waste Water Treatment
Drop-Through Rotary Valves RV - RVR

RV Rotary Valves are the right quality choice for controlled discharging of materials especially in all those applications in which controlled feeding is required.

Description
RV Drop-Through Rotary Valves consist of a tubular cast iron or stainless steel casing, a horizontally mounted rotor with 8 V-shaped cross section compartments, a drive unit and a casing cover opposite the drive end.

Function
RV Rotary Valves have been developed for maximum versatility in application. They are suitable for controlled discharging and feeding of powdery or granular materials from silos, hoppers, pneumatic conveying systems, bag filter houses, or cyclones.

Application
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Benefits
- No oxidation or corrosion to the contact parts due to the 304/316 SS construction or Nickel coating treatment;
- Zone 22 ATEX certified;
- Square or round flanges assure system compatibility and matching WAM® flanges;
- Quick integration into the process thanks to lightweight design and easy handling;
- Modular design and easy maintenance thanks to small number of components.
Technical Features / Performance ▼

- Feed rate: 2.2 to 19.5 litres per revolution (0.08 to 0.7 cu ft per revolution)
- Working temperature from -20 °C up to +150 °C (-4 °F up to 302 °F)
- Maximum differential pressure 0.3 BAR (4.35 psi)
- Cast iron or 304/316 SS design
- Nickel coating available
- Rotor with chamfered blades available
- Easy access to internal mechanical parts
- Sturdy compact structure
- Small footprint
- Drive unit mounted directly on shaft without further bearing assembly or coupling
- Square or round flanges and inlet spouts
- Total compatibility with WAM® standard flange drilling on inlet and outlet
- Different construction material and treatments available depending on material handled

Overall Dimensions ▼

<table>
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<tr>
<th>Type</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
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This datasheet does not show the complete range but only the models most suitable for the application.