

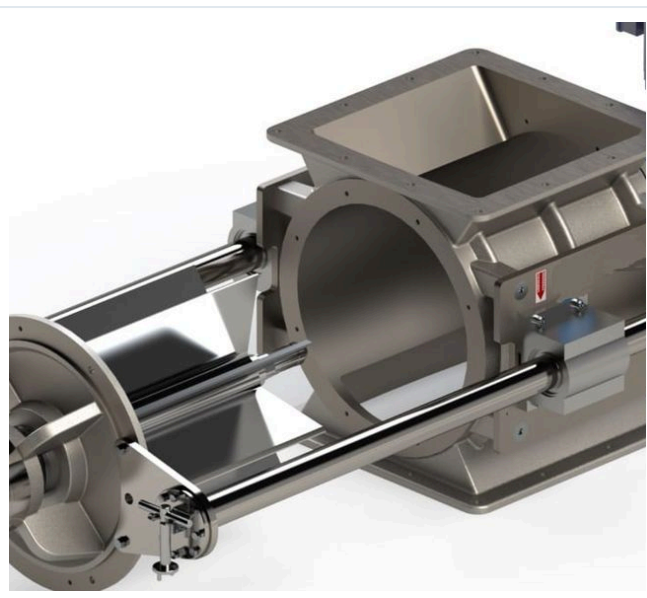


Heavy Duty Blowing Seal Rotary Valve **RV-Z Series**

A blowing-seal rotary valve designed specifically for positive-pressure pneumatic conveying systems: tubular cast iron / stainless steel housing, horizontal V-pocket rotor, and a purge port on the housing side where compressed air forms an air-curtain seal in the rotor-to-housing clearance — significantly reducing air leakage and wear and efficiently forcing powder / granular material into the conveying pipeline. Maximum differential pressure 0.8 bar; ATEX Zone 22 version available.

- ◆ Air-curtain blowing seal for less leakage and wear under positive-pressure conveying
- ◆ V-pocket rotor for smooth, residue-free discharge
- ◆ Cast iron / stainless steel housing, heavy-duty and durable, with large openings for easy maintenance
- ◆ Volume per revolution from 4 to 60 L/r, dimensionally interchangeable with the heavy-duty series
- ◆ Optional ATEX Zone 22 explosion-proof version for combustible dust atmospheres
- ◆ Suits sewage sludge, sugar refining, food and cement packing industries

Model	Volume per Rev. (L/r)	Speed (r/min)	Power
RV-Z150	4	24	0.75kW
RV-Z200	8	24	1.1kW
RV-Z250	16	32	1.5kW
RV-Z300	25	32	1.5kW
RV-Z350	40	38	2.2kW
RV-Z400	60	38	2.2kW



Quick-Clean Hygienic Rotary Valve **RV-Q Series**

A quick-clean rotary valve certified to USDA Dairy and EHEDG hygiene standards: conical bore plus guide-rail design allows the rotor to be withdrawn by hand without scratching, with full-through access from both ends for thorough internal cleaning without special tools, minimizing cleaning downtime. Ideal for frequent product changeovers and high-hygiene food, dairy, pharmaceutical and chemical applications.

- ◆ USDA Dairy / EHEDG hygiene certification meeting food and drug sanitary standards
- ◆ Conical bore + guide rail for tool-free rotor extraction and quick cleaning
- ◆ Full-through openings at both ends for dead-corner-free internal inspection and cleaning
- ◆ Contact surfaces mirror-polished to $Ra \leq 0.8\mu m$, meeting GMP cleanliness requirements
- ◆ Optional IPx9K external high-pressure hot-water wash certification; easily removable Rota-lign bearing assembly
- ◆ Especially suited to frequent changeovers and clean production of high-value materials

Model	Volume per Rev. (L/r)	Speed (r/min)	Power
RV-Q150	4	24	0.75kW
RV-Q200	8	24	1.1kW
RV-Q250	16	32	1.5kW
RV-Q300	25	32	1.5kW
RV-Q350	40	38	2.2kW
RV-Q400	60	38	2.2kW

Selection guide: select according to conveying differential pressure, volume per revolution and speed. For positive-pressure pneumatic conveying systems, prefer the RV-Z blowing seal series; for frequent changeovers and high-hygiene requirements, prefer the RV-Q quick-clean series. Both integrate seamlessly with upstream feeding and downstream conveying equipment.