

# BETTER IN ROTARY VALVES

Rotary Airlocks and Blowing Seals



SAMPLING • DOSING • MIXING • STORAGE • CONVEYING • DEDUSTING • DISCHARGING • FILLING • ENGINEERING



[www.rotary-valve.info](http://www.rotary-valve.info)

## HIGH DUTY



**Type H-AR**

### Application:

- Mounted below powder hoppers or as dust explosion barrier (Type HAR-1)
- Dosing, pneumatic conveying

### Features:

- ATEX 95 certified
- Flange size: DN 150 - DN 500
- Volume: 2,5 - 125 ltr/rev
- Body and end covers: cast iron or stainless steel
- Corrosion/abrasion resistant coatings optional
- Rotor: steel or stainless steel
- 8 fixed or 9 adjustable rotor blades
- Outboard, dust-tight ball bearings
- Max. operating pressure differential 1,5 bar
- Certified dust-explosion and flameproof up to 10 bar



**Type H-GR**

### Application:

- Pneumatic conveying

### Features:

- ATEX 95 certified
- Flange size: DN 150 - DN 350
- Volume: 2,5 - 58 ltr/rev
- Body and end covers: cast iron or stainless steel
- Corrosion/abrasion resistant coatings optional
- Rotor: steel or stainless steel
- 8 fixed or 9 adjustable rotor blades
- Outboard, dust-tight ball bearings
- Max. operating pressure differential 1,5 bar



**Type H-AX**

### Application:

- Mounted below powder hoppers for abrasive and/or mildly sticky products
- Dosing, pneumatic conveying.

### Features:

- ATEX 95 certified
- Flange size: DN 150 - DN 350 (square/circular)
- Volume: 2,5 - 34 ltr/rev
- Body and end covers: cast iron or stainless steel
- Corrosion/abrasion resistant coatings optional
- Rotor: steel or stainless steel
- 8 fixed or 9 adjustable rotor blades
- Outboard, dust-tight ball bearings
- Max. operating pressure differential 1,5 bar

## MEDIUM DUTY



**Type R-AX**

### Application:

- Mounted below powder hoppers for abrasive and/or mildly sticky products
- Dosing, pneumatic conveying of non-abrasive products

### Features:

- ATEX 95 certified
- Flange size: DN 150 - DN 350 (square/circular)
- Volume: 2,5 - 34 ltr/rev
- Body and end covers: cast iron/steel
- Corrosion/abrasion resistant coatings optional
- Rotor: steel or stainless steel
- 8 fixed or 9 adjustable rotor blades
- Max. operating pressure differential 1 bar



**Type M-AX**

### Application:

- Mounted below powder hoppers for abrasive and/or mildly sticky products
- Dosing, pneumatic conveying of non-abrasive products

### Features:

- ATEX 95 certified
- Flange size: DN 150 - DN 350 (circular)
- Volume: 2,5 - 58 ltr/rev
- Body and end covers: cast iron/steel
- Corrosion/abrasion resistant coatings optional
- Rotor: steel or stainless steel
- 8 fixed or 9 adjustable rotor blades
- Max. operating pressure differential 1 bar



**Type S-AX**

### Application:

- Below dust filters and cyclones

### Features:

- ATEX 95 certified
- Flange size: DN 250 (square/circular)
- Volume: 9,5 ltr/rev
- Body and end covers: SmartLite™ cast iron
- Rotor: steel
- 8 blade rotor with Polyurethane blade tips
- Max. operating pressure differential 0,5 bar
- Certified dust-explosion and flameproof up to 1.14 bar (Type SAX 250-1)

**SmartLite™**

## SPECIAL DUTY

### Application:

- Accurate discharge of poor flowing products
- Volumetric and gravimetric dosing
- Pneumatic conveying



**Type HZ**

### Features:

- Atex 95 certified
- Flange size: DN 150 - DN 700
- Volume: 0,5 - 60 ltr/rev
- Construction: steel or stainless steel
- Corrosion/abrasion resistant coatings optional
- Special agitators available for poor flowing products

**ATEX 95**



### Special executions

- Quick-release rotor in various executions
- High temperature resistant execution up to 400°C
- Larger executions available up to 547 ltr/rev
- Sanitary valve execution
- Mobile valve execution
- Pulsed air injection system

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