



- Medium duty rotary valves
- Easy discharging, even very poor flowing materials
- Double shearing edge on in- and outlet
- Available in 4 inlet sizes
- Rotor capacity 5,5 up to 34 ltr/rev
- Explosionproof up to 2 barg

## M-AX/R-AX medium duty rotary valves

The M-AX and R-AX medium duty rotary valves are specially designed for dosing and conveying of powders and granules in standard applications with limited differential pressure. These valves are very suitable to be used in low-pressure pneumatic conveying systems, for big-bag discharging or under cyclones and filters. They are fitted with closed bearings, dust-tight and sealed for life.

### M-AX

The M-AX valves are equipped with round connecting flanges and are available in four sizes. The rotor capacity ranges from 5,5 up to 34 ltr/rev.

### R-AX

The R-AX valves have a relatively large flange diameter in relation to the rotor capacity: it is a smart solution for applications where the flange size has a higher priority than the valve capacity. R-AX valves are equipped with a round and a square connecting flange, which allows the valve to be used as a transition piece from round to square or vice versa. This is very favourable for the installation height and saves any mounting parts. The R-AX valves are available in four sizes with at rotor capacity ranging from 5,5 up to 34 ltr/rev.

## Features M-AX

- Round-round flanges
- Easy discharging, even very poor flowing materials
- Double shearing edge on in- and outlet
- Suitable for pneumatic conveying with venturi adaptor
- Available in 4 inlet sizes: 175 up to 300 mm
- Rotor capacity: 5,5 up to 34 ltr/rev

## Features R-AX

- Round-square flanges
- Relatively large flange diameter ↔ rotor capacity
- Easy discharging, even very poor flowing materials
- Double shearing edge on in- and outlet
- Central vent connection in body → customer choice which side is in- or outlet
- Suitable as transition piece from round → square and vice-versa
- Available in 4 inlet sizes: 200 up to 350 mm
- Rotor capacity: 5,5 up to 34 ltr/rev



SPECIFICATIONS	M-AX	R-AX
Flange sizes (DN)	175-300	200-350
Rotor volume (ltr/rev)	5,5-34	5,5-34
Differential pressure	1 barg	1 barg
Standard design temperature	80 °C	80 °C
Internal ATEX zone II 1/- D Ex H IIIC Da/-	yes	yes
Flame proof	yes	yes
Explosion proof	up to 2 barg	up to 2 barg

## Executions

- Corrosion resistant version with stainless steel rotor for chemically aggressive products (3C/3N)
- Abrasion resistant version with steel rotor with hardened blades for abrasive products (4C)

## Options

- Rotation detection
- Ventilation bore on the body
- Various inlet and vent adaptors
- Various venturi en blow-through outlet adaptors

## Drives

- Direct in-line drive
- Bare shaft