POLİMAK®

Rotary Valves

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Rotary Valves Models

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ATEX Certified Loading Bellows

ATEX

FT Series
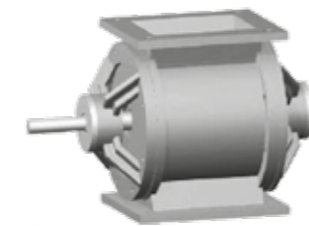Flow through rotary airlocks are used in wide range of applications.

ATEX
ATEX certified rotary valves for powdered bulk solids that have explosion risk.

BT Series
Blow through rotary valves are used in pneumatic transport systems. They are suitable for tranfering sticky powdered materials.

OS Series
The Off Set type rotary feeders are used for preventing crackage of delicate materials like sunflower seed and peanut. These models are also suitable for hard to shear pellets like nylon or plastic granules.

Option D
It is used in abbrasive materials and dusty environments

Rotary Airlock
Rotary airlocks are important components of pneumatic conveying systems. Rotary airlock is also known as rotary valve, rotary feeder or airlock feeder. The main function of a rotary valve is to control flow of bulk solids from silo, mixer, cyclone or hopper under gravity, pressure and vacuum conditions.

Rotary Airlock   Application Areas
Silo Discharge: The rotary valve placed under the silo or dust collection system is used to control the bulk solid discharge.

Dosage Control: By controlling the rotation speed of the airlock feeder, volumetric metering and dosing of granular solids is achieved.

Dust Collection: The airlock mounted under a cyclone is used for discharging the cyclone.

Pneumatic Transportation: Rotary valves mounted under cyclones, silos or hoppers are used to feed the pneumatic conveying line.

Option SS
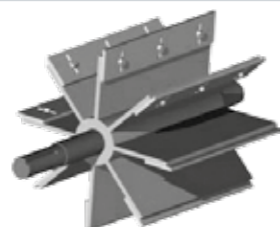Stainless steel material is used in food and chemical industry
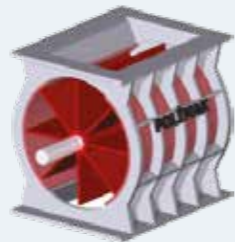
Option H
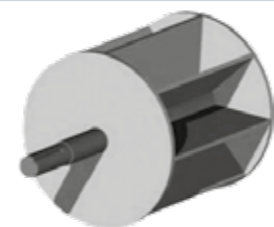Hardox materials is used in highly abbrassive conditions.
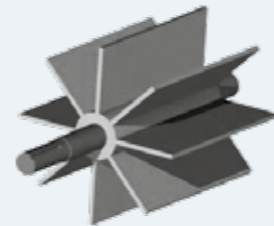
Open End Rotors
Open end rotors are generally used in blow through type rotary feeders.

Scalloped Rotors
The scalloped rotor design is suitable for sticky materials.

Adjustable Bladed Rotors
Adjustable blades are used in handling abbrassive materials for longer operational

Closed End Rotors
Closed end rotors reduce air leakage. They prevent wear on side covers of airlock when handling abrasive materials.