



## Carbon Steel / Stainless Steel Rotary Valve Grains Separating And Discharging Use

### Our Product Introduction

#### Basic Information

- Place of Origin: China
- Brand Name: OEM
- Certification: CE & 900
- Model Number: ZRO
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: Plywood Cases
- Delivery Time: 15-60 Days
- Payment Terms: L/C, T/T
- Supply Ability: Based On Order



#### Product Specification

- Flange: Upper And Below Round
- Flange Size: 250
- Volume: 14L
- Material: Carbon Steel Or Stainless Steel Or Other Materials
- Transport Of Materials: Grains
- Drive: Direct
- Work Temperature: Original
- Work Pressure: Original
- Highlight: **square flange valve**

## Product Description

### Rotary Feeder Valve

#### How do we ensure finished product quality (FQC inspection)

1. Visual Inspection
2. Material Grade Measurement
3. Dimension Inspection
4. Roughness Detection
5. Roughness Detection
6. Leakage Test

#### Surface Treatment

We offer the following processes to choose:

1. Mechanical Polishing (MP) to improve brightness (gloss, matte)
2. Acid Cleaning for Anti-corrosion
3. Electrolysis Polish (EP) to improve surface smoothness
4. Custom Process: Bright Annealing treatment eliminate stresses to improve toughness

Rotary valve is often used in grains.

Rotary valve is applied to discharge powder or granular material either in positive air pressure or in negative air pressure of pneumatic conveying system. Also it is a necessary device for ventilation and move dust systems. Rotary valve is especially suitable for separating and discharging powder and small particulate matter in the process of positive and negative suction. Rotary airlock feeders have wide application in industry wherever dry free-flowing powders, granules, crystals, or pellets are used. Rotary valve is primarily used for discharge of bulk solid material from hoppers/bins, receivers, and cyclones into a pressure or vacuum-driven pneumatic conveying system. Components of a rotary valve include a rotor shaft, housing, end plate, and packing seals and bearings.

**Our company** is specialist in design and production of high quality water valve, and has grown to become one of the leading manufacturers for fluid control valve. We design and manufacture a wide range of fluid valve, such as float control valve, trunnion ball valve, water pressure reducing valve, rotary airlock valve, sanitary butterfly valve, hydraulic check valve, sewage air release valve, etc. Our constant technical innovation combined with stringent quality control systems has enabled us to deliver high performance and outstanding value in industrial applications.

#### Main parameters and option

Pressure Range	2bar system and differential pressure
Work temperature	-20 ~200
Main Size	DN100mm~1200mm(4"~48")
Flange Standard	PN10/ANSI150lbs/JIS/GB/HG/SH or customised
Drive Mode	Direct Drive with OSHA Guard
Capacity	100KG~150000KG/H
Application Medium	Powder and granular form
Rotor	Adjust blades scalloped rotor
Shaft Sealing	Gland Packing or AirPuge seals
Else	Vent opening

#### Technical Parameters

Model	Installation Dimension									Working temperature	RPM (rpm/min)	Motor power (KW)	Weight (KG)
	ØA	ØB	ØC	H	Q	L	M	N	n-Ø				
2L	100	160	190	250	8	720			6-Ø13	Inboard bearings≤80  Outboard bearings≤300	3~33	0.55	80
4L	150	220	250	300	8	780	600	560	8-Ø13			0.55	100
8L	200	280	320	350	10	820	650	600	8-Ø18			0.75	120
14L	250	330	370	420	10	880	800	680	8-Ø18			1.1	165
24L	300	380	420	450	15	1000	850	720	8-Ø18			1.5	280
35L	350	450	500	520	15	1050	920	780	12-Ø18			2.2	450
50L	400	500	550	580	20	1110	990	870	12-Ø18			3.0	610
68L	450	550	600	640	20	1170	1100	930	12-Ø18			3.0	710
90L	500	600	660	750	20	1230	1180	1100	16-Ø22			4.0	820
150L	600	700	760	810	30	1350	1300	1120	16-Ø22			5.5	950

\*Note: If match special flange, please let us know before production.



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