



High Strength Rotary Airlock Valve , DN100MM - 1200MM Chain Operated Valve

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: 400
- Volume: 50L
- Material: Carbon Steel Or Stainless Steel Or Other Materials
- Transport Of Materials: Lotus Root Starch
- Drive: Chain
- Work Temperature: Original
- Work Pressure: Original
- Highlight: **low pressure valves**

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Product Description

Upper and lower round flanges, positive or negative pressure conveying rotary valve ,rotary airlock feeder

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

Forming Machine Process

1. CNC Lathe Processing
2. High precision CNC machining center processing
3. General lathe processing
4. The machine punch the product parts
5. Cold Forming Molding
6. Welding Assembly

Rotary valve is often used in lotus root starch.

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 powers, granules, crystals, or pellets are used. Rotary valve is commonly used in industrial and agricultural applications as a component in a bulk or specialty material handling system. Components of a rotary valve include a rotor shaft, housing, end plate, and packing seals and bearings.

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	Chain 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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