

**SINOSPARE**

**SINOSPARE**

## Rotary Airlock Valve Series



Sinospare (Xiamen) Mechanical Technology Co., Ltd.

Address: 1801, No.1811 HuanDao East Road, Xiamen, China

Telephone: +86-592-6533662

Fax: +86-592-6533552

E-mail: [sales@sinospare.com](mailto:sales@sinospare.com)

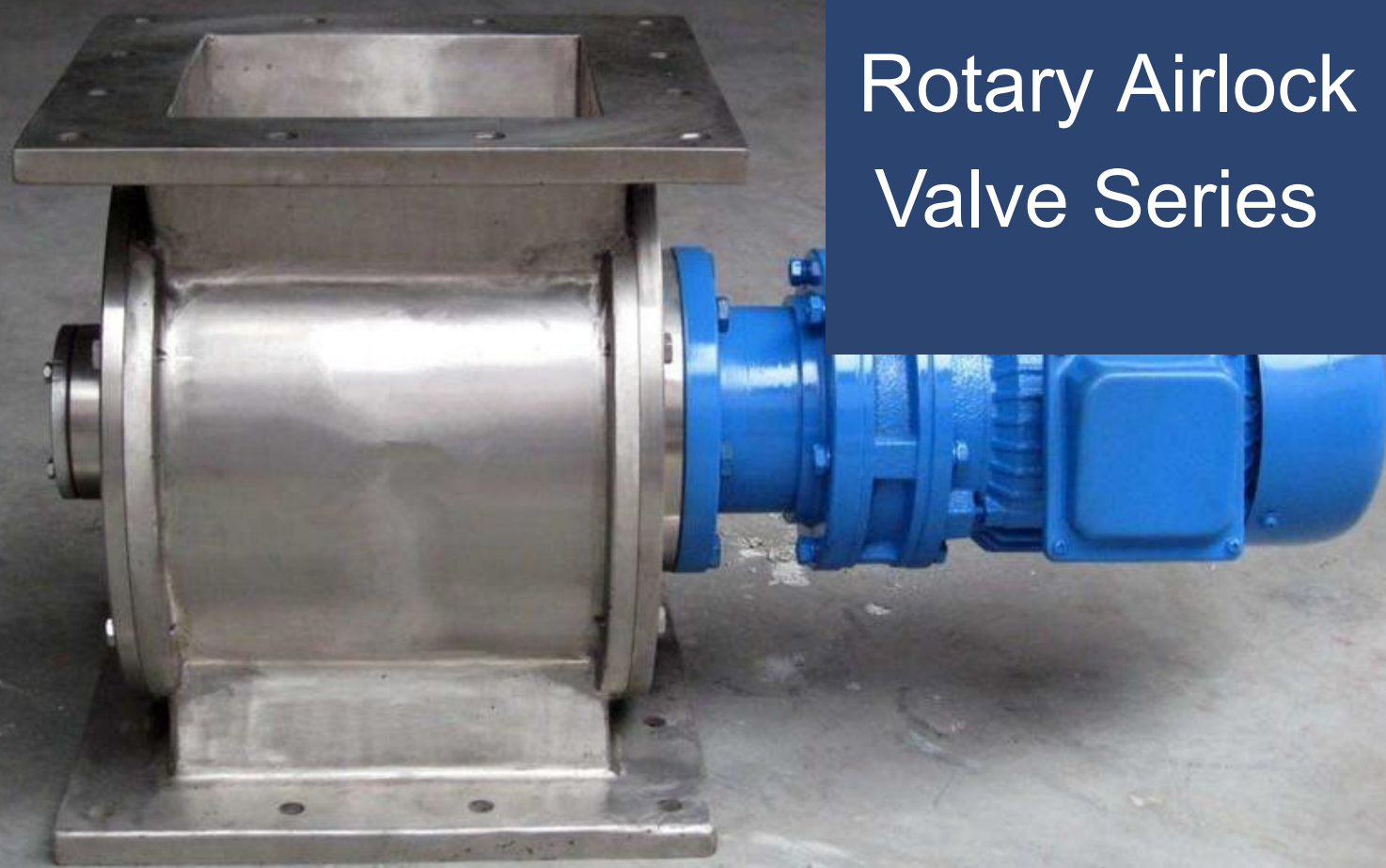
SINCE 2009

Sinospare (Xiamen) Mechanical Technology Co.,Ltd

[www.sinospare.com](http://www.sinospare.com)



# Rotary Airlock Valve Series



**SINOSPARE**



**YC-HX Upper Square  
Lower Round Rotary  
Airlock Valve**



**YN-HX Rotary  
Airlock Valve**



**CN-HX Rotary  
Airlock Valve**



**YJ-HX Rotary  
Airlock Valve**



**CJ-HX Explosion-  
Proof Rotary Airlock  
Valve**



**CJ-HL Rotary  
Airlock Valve**



**YJ-HL Rotary Airlock  
Valve**



**RVG Rotary Airlock  
Valve (Fast Cleaning  
Type)**



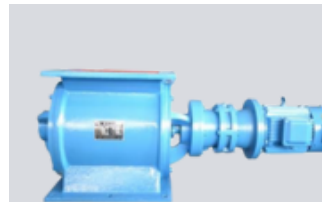
**CJ-HX Rotary Airlock  
Valve**



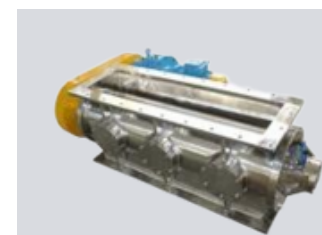
**CJ Rotary Airlock  
Valve**



**YJ-H Rotary Airlock  
Valve**



**YJ-HX Inverter  
Rotary Airlock Valve**



**Stainless Steel  
Rectangular Rotary  
Airlock Valve**



**RVA Rotary Airlock  
Valve (Anti-Seize  
Type)**



**YXD Rotary Airlock  
Valve**



**Electro-Hydraulic Plate  
Type Rotary Airlock  
Valve**



**Electro-Hydraulic  
Push Rod Double  
Layer Mushroom Head  
Rotary Airlock Valve**



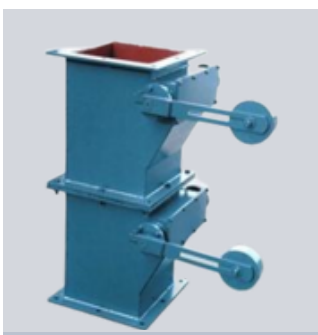
**Plug Type Rotary  
Airlock Valve**



**Intelligent Double  
Layer Rotary Airlock  
Valve**



**Electro-Hydraulic  
Corner Double Layer  
Mushroom Head  
Rotary Airlock Valve**



**Heavy Hammer Type  
Double Layer Rotary  
Airlock Valve**



**Two Locking Air  
Rotary valve**






**Electric Double-Deck  
Flap Rotary Airlock  
Valve**

## Double Flap Series

Accurate unloading, solid and efficient - double-deck rotary airlock valve,  
reliable choice for cement production





INDUSTRIES		
 Chemical	 Construction	 Food
 Pet Food	 Pharmaceutical and Cosmetics	 Plastics
SYSTEMS		
 Bulk Material	 Dust Collector	 Pneumatic Conveying
TYPES		
 Airlock with metering	 Metering / Feeding	 Rotary Airlock

1. According to the material characteristics and pressure-free environment, the impeller structure can be closed at both ends.
2. For the materials with strong abrasiveness, the general material of ash unloading valve has short service life and air leakage. The material contact part can be sprayed with tungsten carbide to prolong the service life.
3. For good insulation, anti-adhesion, anti-corrosion, heat insulation requirements, can be sprayed Teflon to achieve the requirements.

## >>>Rotary Airlock Valve

Used for discharging or adding materials to different pressures of positive or negative pressure pneumatic conveying system, can be uniform, continuous supply of materials to the delivery tube. In order to \* pneumatic output pipe gas, solid is more stable, so that the pneumatic conveying can work normally; at the same time can be rotary valve on the lower part of the air pressure isolation to play a role in locking air, is a pneumatic conveying and general dust removal in the necessary equipment.

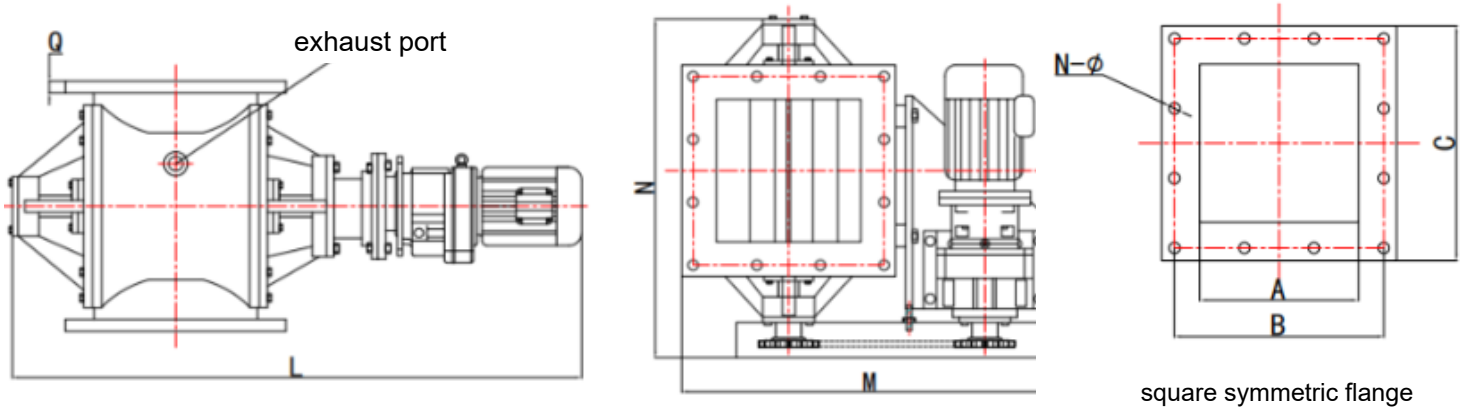
Upper and lower square flange connection, the whole machine structure is close, simple to use, can adapt to different installation occasions.



## >>>Main Parameters and Optional Accessories

Main Parameters	Pressure Accessories	2 bar system pressure and differential pressure
	Operating Temperature	-20°C-500°C
	Main Specifications	DN50mm-DN1000mm(2"-48")
	Flange Standard	pn10/ansi150ibs/jis/gb/hg
	Driving Method	direct motor or chain drive
	Conveying Capacity	20Kg~150000Kg/h
Optional Accessories	Motor	explosion-proof/Inverter/Induction speed control/Protection level/Energy efficiency requirements, etc
	Reducer	helical gear / cycloid / worm gear
	Rotors and Blades	adjustable blades / v-shaped rotor / oblique right-angle rotor
	Seals	PTFE packing seal / air seal (powder)
	Coating Material	teflon/teflon/tungsten carbide/ceramic plating
	Other	installation of exhaust port/observation port/access port

## >>>Product Physical Drawings and Size Charts



MULTI-  
CAPACITY

Model		Installation Dimension(mm)									Operating Temperature	Speed (rpm)	Motor Power(kw)	Weight (kg)
		ΦA(DN)	ΦB	ΦC	H	Q	L	M	N	N-Φ				
YC-HX YN-HX CN-HX CJ-HX CJ-HL YJ-H YJ-HL RVG RVA YXD CJ	2L/R	100	170	200	250	14	780			8-Φ13	Built-in≤80℃ Externals≤300℃	3-35	0.55	80
	4L/R	150	220	250	300	16	820	490	540	8-Φ13			0.75	100
	8L/R	200	280	320	350	16	880	560	580	8-Φ18			0.75	120
	14L/R	250	330	370	420	18	960	620	640	12-Φ18			1.1	140
	24L/R	300	360	420	460	18	1080	700	680	12-Φ18			1.5	170
	35L/R	350	420	480	520	20	1200	760	740	12-Φ18			1.5	210
	50L/R	400	480	520	540	22	1300	820	790	16-Φ18			2.2	240
	68L/R	450	550	600	580	22	1400	850	840	16-Φ18			2.2	300
	90L/R	500	600	660	600	24	1520	960	900	16-Φ22			3.0	400
	150L/R	600	700	760	640	26	1640	1020	1000	16-Φ22			3.0	500
	200L/R	700	800	860	660	26	1760	1080	1100	16-Φ22			4.0	650

