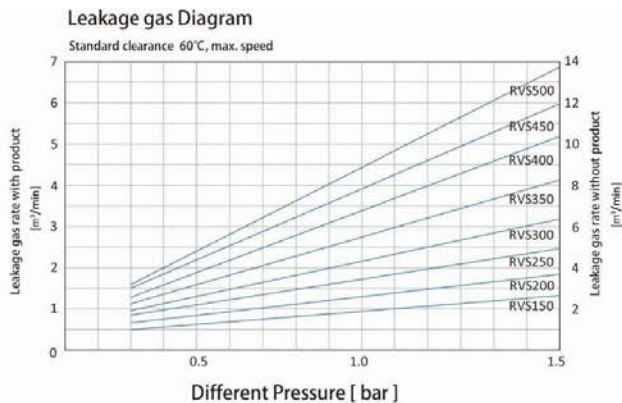


ROTARY VALVE RVS



Product Introduction

It is applied to discharge powder or granular material either in positive air pressure or in negative air pressure of pneumatic conveying systems. Also it is a necessary device for ventilation and move dust system.

Product Feature

- ★ Sheared Enlarge inlet/outlet without restriction of cross section for highest capacity.
- ★ Outboard bearing design, combined seal structures including packing, Oil Seal, labyrinth, shaft gas seal and mechanical seal.
- ★ Minimum gap between rotor and body can lock the air efficiently.
- ★ Configuration is design at high filling rate, the maximum rate up to 100%.
- ★ Torque protector and zero switch interlock with remote control system to effectively protect normal operation and service of equipment. (customised).
- ★ Optimum vent opening is design for pressure balance inside the shell and improve the filling rate. (customised).
- ★ We fits SEW drives as our standrad, other drives can be fitted on request. Whilst have a perference for direct drives, chain, air and hydraulic drives can be also supplied.

Construction of Valve

Parts Name	Construction Material Type 1	Construction Material Type 2	Construction Material Type 3	Construction Material Type 4
Body	HT250	SS201	SS304	SS316
Impeller	HT250	SS201	SS304	SS316
Shaft	SS201	SS201	SS304	SS304
Side Cover	HT250	SS201	SS304	SS316
Seal Material	PTFE/NBR/FG	PTFE/NBR/FG	PTFE/NBR/FG	PTFE/NBR/FG

Size Type RVS	100	150	200	250	300	350	400	450	500	600	700
Ltr/rev*	2.0	4.0	8.5	16	25	40	60	80	110	150	200

* at 100% filling

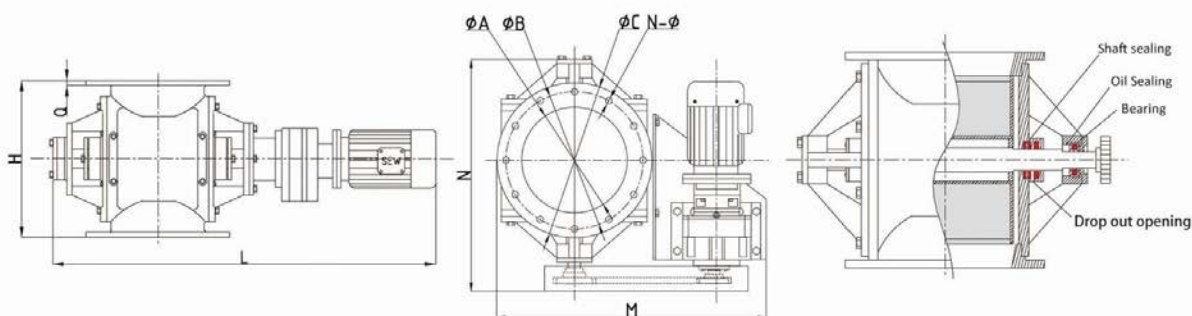
ROTARY VALVE RVS



Main Parameters and Option

Main Parameters	Pressure Range	2 bar system and differential pressure
	Work Temperature	-20°C~300°C
	Main Size	DN100 ~ 1200 (4" ~ 48")
	Flange Standard	PN10, ANSI 150lbs, JIS, GB, HG, SH or customised
	Drive Mode	Direct Drive/ Chain Drive with OSHA Guard
	Capacity	100 KG~200000Kg/H
Option	Application Medium	Powder and Granular form
	Rotor	Adjust blades, reduce capacity, scalloped, end disc etc.
	Plating	Nickel and chrome plating and Tungsten coating
	Else	Drop out box, air purge regulation station, vent opening etc.

Product Schematic Drawing



Technical Parameters

Type	Installation Dimension									RPM	Motor	Weight (kg)
	ØA	ØB	ØC	Q	H	L	M	N	N-Ø			
R V S	100	180	220	8	250	720			8-Ø18	1~30	0.55	80
	150	240	285	8	320	780	600	560	8-Ø22		0.75	100
	200	295	340	10	370	820	650	600	8-Ø22		0.75	120
	250	350	395	10	430	880	800	680	12-Ø22		1.1	165
	300	400	445	15	490	1000	850	720	12-Ø22		1.5	280
	350	460	505	15	550	1050	920	780	16-Ø22		1.5	450
	400	515	565	20	600	1110	990	870	16-Ø24		2.2	610
	450	565	615	20	660	1180	1100	930	20-Ø24		2.2	710
	500	620	670	20	720	1250	1180	1000	20-Ø24		3.0	820
	600	725	780	30	780	1350	1280	1090	20-Ø30		3.0	950
	700	840	895	30	895	1430	1380	1180	20-Ø30		4.0	1150

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