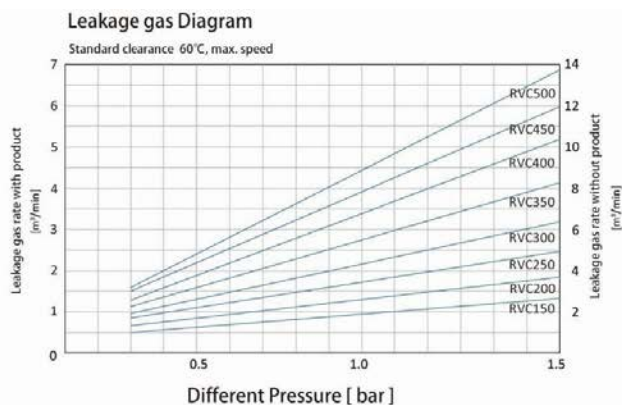


ROTARY VALVE RVC



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 RVC	100	150	200	230	250	300	350	400	450	500	600
Ltr/rev*	2.0	4.0	8.5	12	16	25	40	60	80	110	150

* at 100% filling

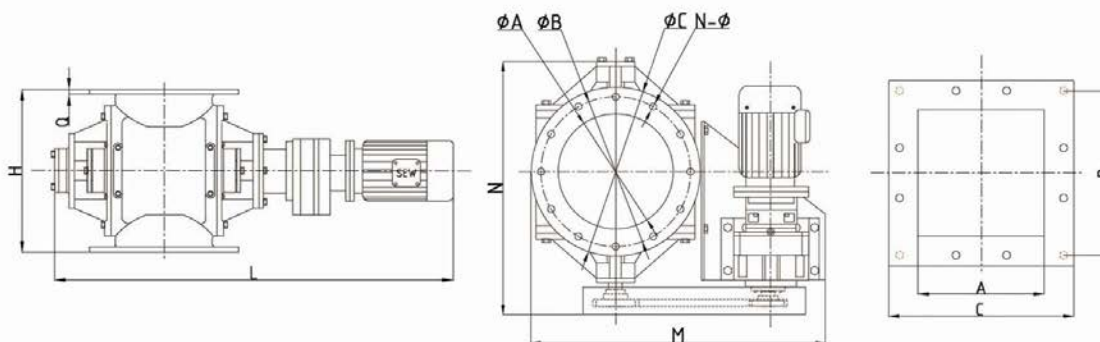
ROTARY VALVE RVC



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~150000Kg/H
	Application Medium	Powder and Granular form
Option	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)
	φA	φB	φC	Q	H	L	M	N	N-φ			
RVC	100	160	190	8	250	720			6-φ13	1~30	0.55	80
	150	220	250	8	300	780	600	560	8-φ13		0.75	100
	200	280	320	10	350	820	650	600	8-φ18		0.75	120
	230	310	350	10	380	850	720	640	8-φ18		0.75	165
	250	330	370	10	410	880	800	680	8-φ18		1.1	165
	300	390	440	15	460	1000	850	720	12-φ18		1.5	280
	350	450	500	15	520	1050	920	780	12-φ18		1.5	450
	400	500	550	20	580	1110	990	870	12-φ18		2.2	610
	450	550	600	20	640	1180	1100	930	12-φ18		2.2	710
	500	600	660	20	700	1250	1180	1000	16-φ22		3.0	820
	600	700	760	30	780	1350	1280	1080	16-φ22		3.0	950

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