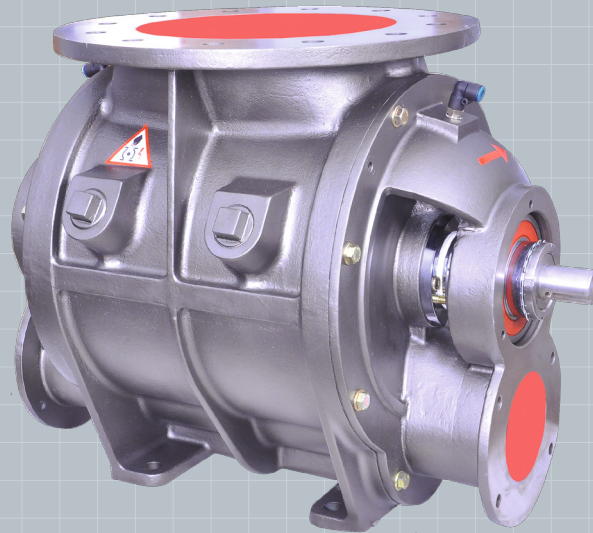




ROTARY VALVE :

Airlock range of **BLOW THRU' (BVT)** Rotary Valves are designed for Pneumatic Conveying of Products in Powder, Granular and Pellet form.

BVT Rotary Valves are available for use in Dairy, Food, Chemical, Plastics, Pet Food, Pharmaceutical and Other Dry Bulk Material Handling Industries.

The Standard BT Rotary Valve will have 9 Bladed Rotor.

Different Rotor Configurations are available.

Different Types of Shaft Sealings are provided depending on the Product and Application.

KEY FEATURES :

- Enlarged Inlet Opening
- Maximum Filling Efficiency
- Minimum Air Leakage
- ATEX Approved
- 10 bar Pressure Shock Resistance
- MOC in Cast Iron, Aluminium and Stainless Steel
- Chain & Direct Drives
- Easy to Maintain
- Outboard Bearings, Lubricated & Sealed for Life

DESIGN :

- Sizes from 200 to 350 mm
- DIN/ ANSI/ JIS Drilling Patterns
- Operating Temperature up to 150 deg C

APPLICATIONS :

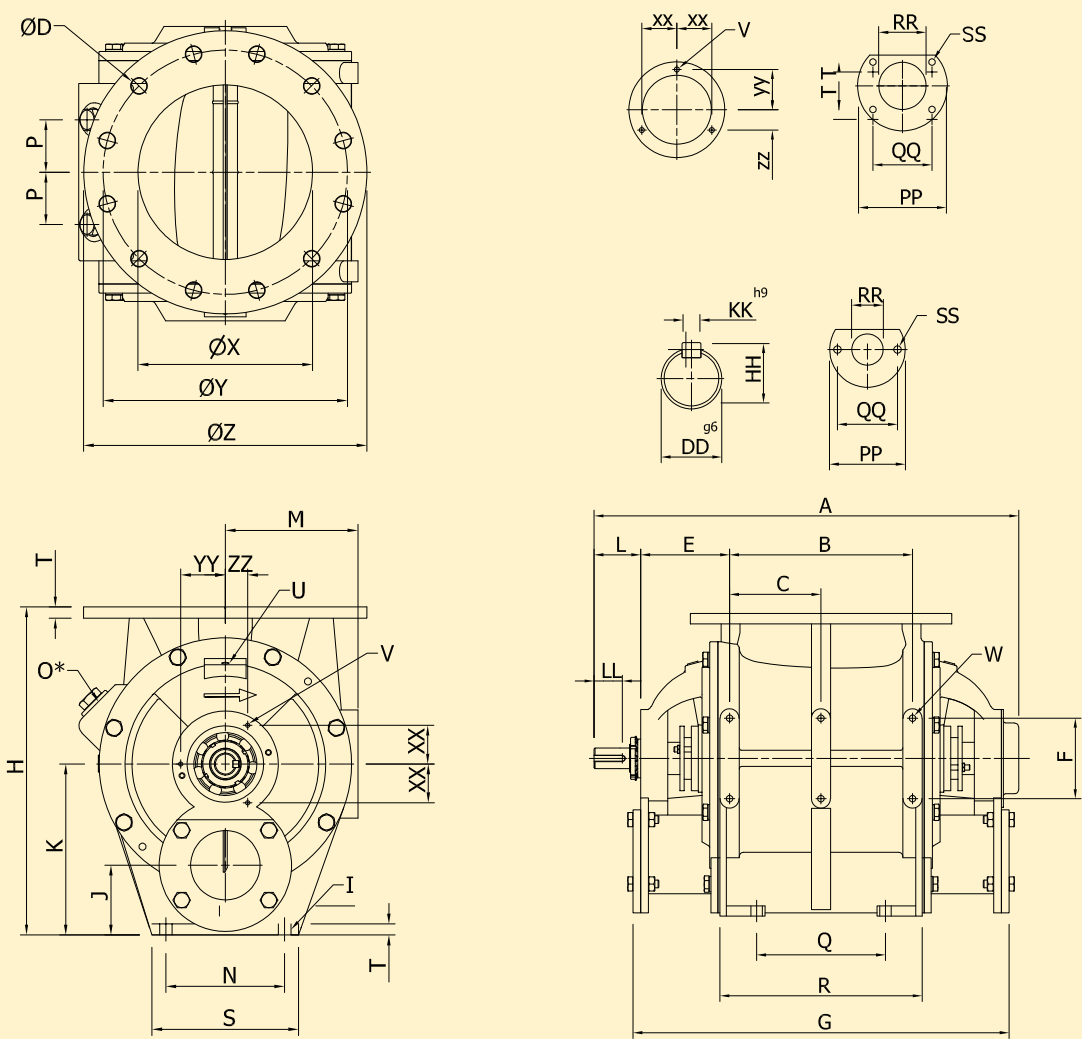
- Lean Phase Pneumatic Conveying
 - Pressure
 - Vacuum

OPTIONS :

- Chrome Coating
- Tungsten Carbide Coating
- Air Purge Glands
- Cross Slide Rails
- Inlet Restrictor
- Zero Speed Sensor
- Rotor Interference Sensor (RIS)
- High Temperature Modifications
- Pressure Regulator
- Flow Meter
- ATEX / IECEx Rated Electrical Components
- Product Contact Surfaces Polished to 0.8 µm
- 'U' Shaped Rotor Pocket

Rotary Valve

BVT



Size	Swept Volume	DIN															
	in M ³	$\varnothing X$	$\varnothing Y$	$\varnothing D$	$\varnothing Z$	A	B	C	E	F	G	H	I	J	K	L	M
200	0.006	200	295	8x $\varnothing 23$	343	524	190	-	125	100	460	340	4x $\varnothing 14$	75	175	60	165
250	0.011	250	350	12x $\varnothing 23$	406	609	234	-	138	125	534	415	4x $\varnothing 18$	90	215	72	197.5
300	0.019	300	400	12x $\varnothing 23$	483	659	284	142	138	125	584	495	4x $\varnothing 18$	100	245	72	222.5
350	0.034	350	460	16x $\varnothing 23$	530	763	360	180	150	125	684	595	4x $\varnothing 23$	120	295	74	225

Size	N	O* (BSP)	P	Q	R	S	T	U (BSP)	V	W	XX	YY	ZZ	DD	KK	HH	LL	PP	QQ	RR	TT	SS
200	130	1"	53	130	190	160	14	¼"	3xM6	4xM10	37.1	52.5	37.1	30	8	33	35	140	103.9	65	60.4	4x $\varnothing 12$
250	160	1 ¼"	65	160	230	200	16	¼"	3xM8	4xM12	55.4	64	32	32	10	35	43	170	114.7	80	80.3	4x $\varnothing 14$
300	170	1 ¼"	75	200	274	210	21	¼"	3xM8	6xM12	55.4	64	32	32	10	35	43	190	125	100	100	4x $\varnothing 14$
350	190	1 ½"	95	260	350	240	26	⅜"	3xM10	6xM12	73.6	85	42.5	38	10	41	44	230	163.8	125	114.7	4x $\varnothing 14$

All dimensions are in mm.

*Vent holes pre - drilled & plugged for Cast Iron execution.

Note: We reserve the right to modify the dimensions without prior notice.

Manufactured By

AIRLOCK INDIA PVT. LTD.

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