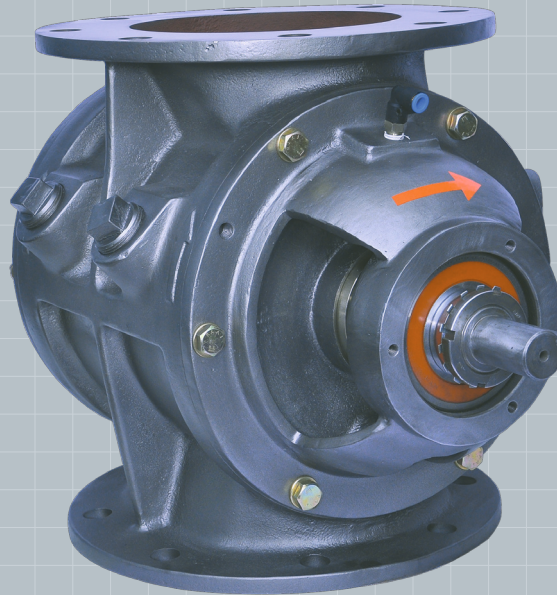


ROTARY VALVE :

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

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

The Standard DVT 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 / Outlet Openings
- 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 :

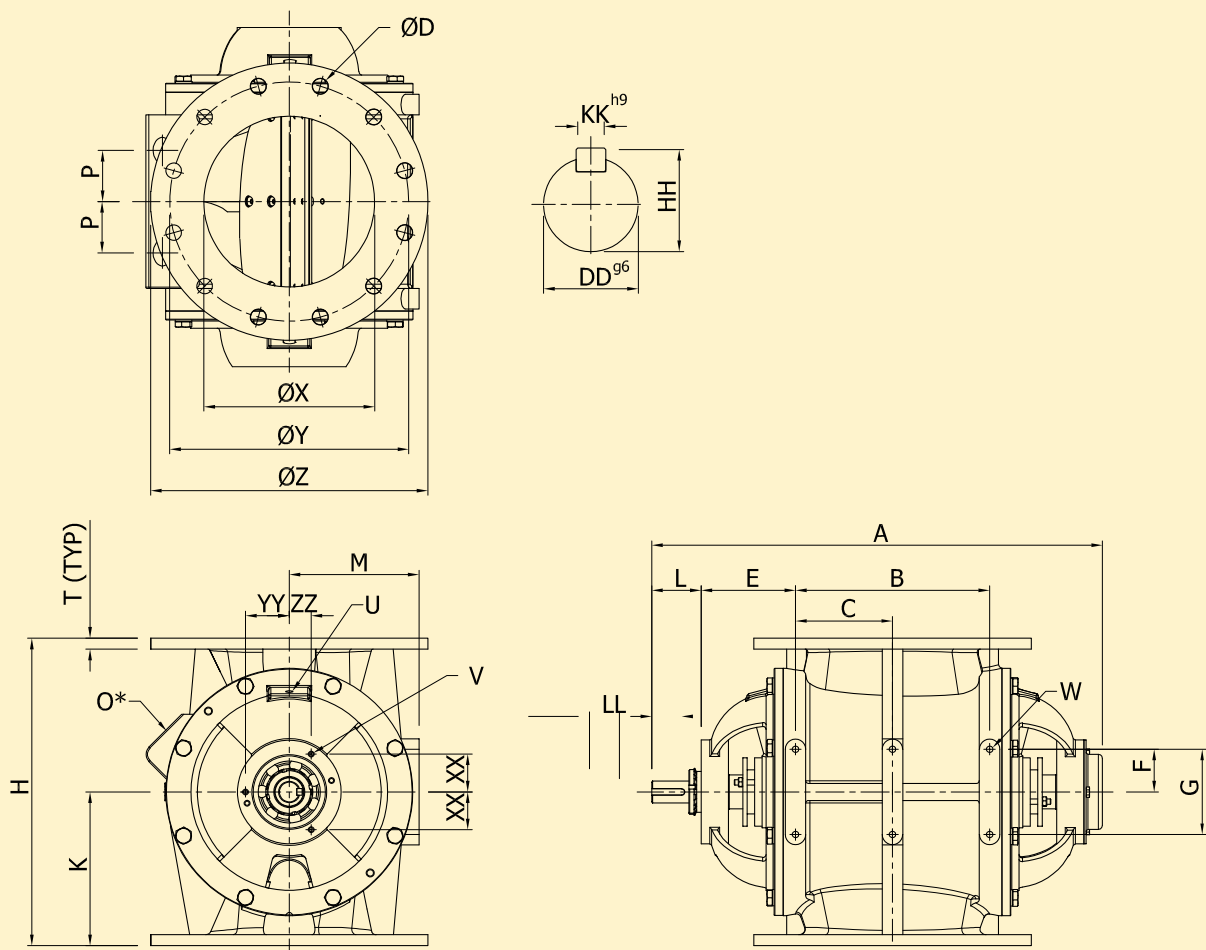
- Lean Phase Pneumatic Conveying
 - Pressure
 - Vacuum
- Gravity Feeding
- Metering

OPTIONS :

- Chrome Coating
- Tungsten Carbide Coating
- Air Purge Glands
- Cross Slide Rails
- Drop-out Box
- 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

DVT



	Swept Volume	DIN														
Size	in M ³	Ø X	Ø Y	Ø D	Ø Z	A	B	C	E	F	G	H	K	L	M	Ø* (BSP)
200	0.006	200	295	8xØ23	343	524	190	-	125	50	100	330	165	60	165	1"
250	0.011	250	350	12xØ23	406	609	234	-	138	62.5	125	390	195	72	197.5	1 ¼"
300	0.019	300	400	12xØ23	483	659	284	142	138	62.5	125	450	225	72	222.5	1 ¼"
350	0.034	350	460	16xØ23	530	763	360	180	150	62.5	125	540	270	74	225	1 ½"

Size	P	T	U (BSP)	V	W	XX	YY	ZZ	DD	KK	HH	LL
200	53	14	¼"	3xM6	4xM10	37.1	52.5	37.1	30	8	33	36
250	65	16	¼"	3xM8	4xM12	55.4	64	32	32	10	35	44
300	75	21	¼"	3xM8	6xM12	55.4	64	32	32	10	35	44
350	95	21	⅜"	3xM10	6xM12	73.6	85	42.5	38	10	41	45

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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