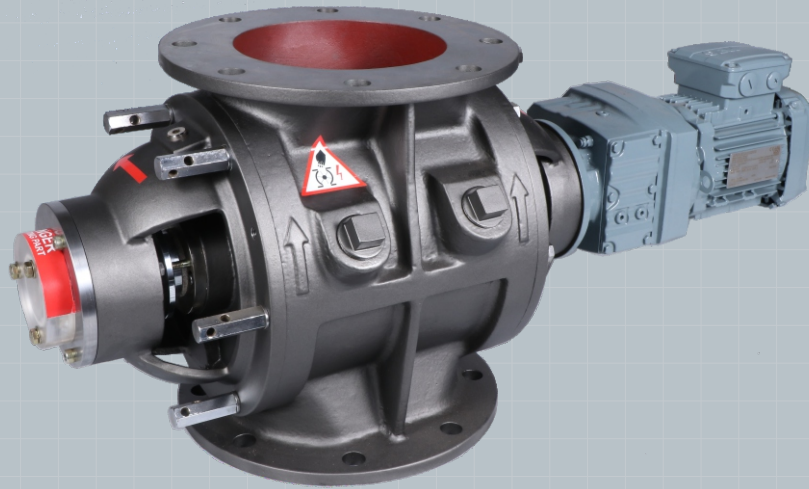




ROTARY VALVE

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

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

The Standard SD 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.

FEATURES :

- Easily Demountable
- Maximum Filling Efficiency
- Minimum Air Leakage
- ATEX Approved
- 10 bar Pressure Shock Resistance
- MOC in Cast Iron and Stainless Steel
- Easy to Maintain
- Outboard Bearings, Lubricated and Sealed for Life
- Only Direct Drive

APPLICATION :

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

DESIGN :

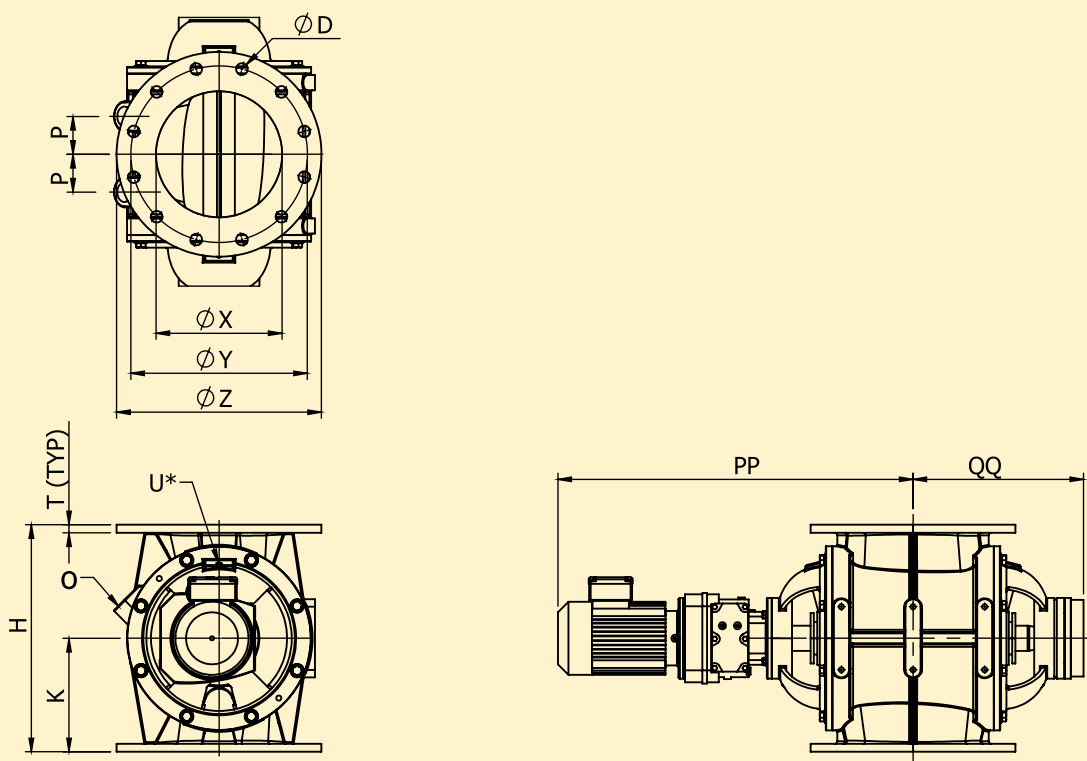
- Sizes from 150 to 350 mm
- DIN / ANSI / JIS Drilling Patterns
- Operating Temperature up to 150 deg C

OPTIONS :

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

Rotary Valve

DT-SD



Size	Swept Volume M ³	DIN				ANSI		H	K	O	P	T	U*(BSP)
		ØX	ØY	ØD	ØZ	ØY	ØD						
150	0.003	150	240	8xØ23	285	241.3	8xØ23	280	140	3/4"	40	12	1/4"
175	0.006	175	270	8xØ23	315	-	-	330	165	1"	53	14	1/4"
200	0.011	200	295	8xØ23	343	298.4	8xØ23	390	195	1-1/4"	65	14	1/4"
250	0.019	250	350	12xØ23	406	361.9	12xØ25.4	450	225	1-1/4"	75	16	1/4"
300	0.034	300	400	12xØ23	483	431.8	12xØ25.4	540	270	1-1/2"	95	21	3/8"
350	0.058	350	460	16xØ23	530	476.2	12xØ28.6	660	330		112	26	

Size	PP	QQ	Type SEW
150	585	255	RF 37
175	600	285	RF 37
200	685	310	RF 47
250	715	340	RF 47
300	810	400	RF 57
350	850	440	RF 67

*Air purge Connection

All dimensions are in mm.

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

Manufactured By

AIRLOCK INDIA PVT. LTD.

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