

ROTARY VALVE :

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

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

The Standard DST 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 :

- Square Inlet and Round Outlet Openings or Vice Versa
- 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

OPTIONS :

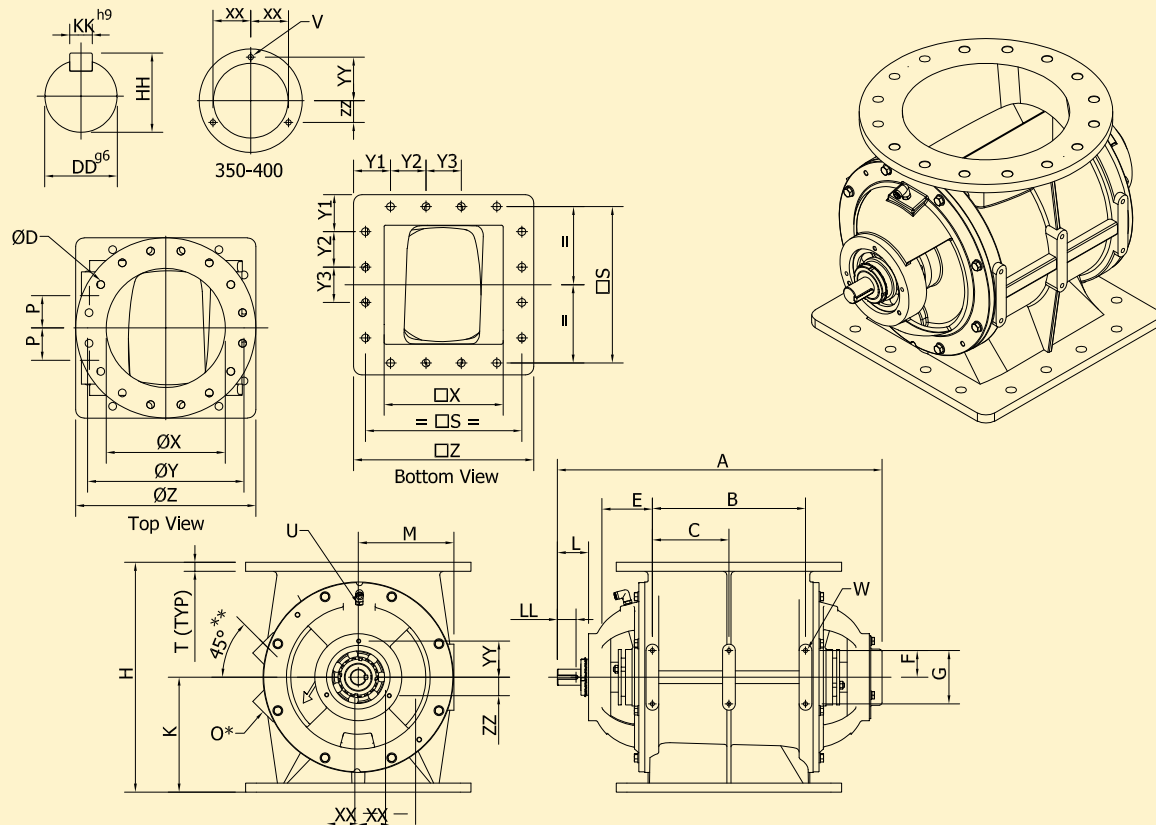
- Chrome Coating
- Tungsten Carbide Coating
- Air Purge Glands
- Cross Slide Rails
- Drop-out Box
- Inlet Restrictor
- Zero Speed Sensor
- Rotor Interference Sensor (RIS)
- High Temperature Modifications
- Pressure Regulator
- Flow Meter
- ATEX / IECEx Rated Electrical Components
- Product Contact Surfaces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

APPLICATIONS :

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

Rotary Valve

DST



	Swept Volume																	
Size	M ³	Ø X	□X	Ø Y	ØZ	□Z	Ø D	A	B	C	E	F	G	H	K	L	M	Ø* (BSP)
200	0.006	200	200	295	340	320	8xØ23	524	190	95	125	50	100	325	162.5	60	130	1"
250	0.011	250	250	350	395	370	12xØ23	609	234	117	138	62.5	125	380	190	72	160	1 ¼"
300	0.019	300	300	400	483	445	12xØ23	659	284	142	138	62.5	125	450	225	72	190	1 ¼"
350	0.034	350	350	460	530	530	16xØ23	763	360	180	150	62.5	125	540	270	74	225	1 ½"

Size	P	T	V	W	XX	YY	ZZ	DD	KK	HH	LL	□ S	Y1	Y2	Y3	U
200	53	14	3xM6	6xM10	37.1	52.5	37.1	30	8	33	36	273	104	113	-	1/4"
250	65	14	3xM8	6xM12	55.4	64	32	32	10	35	44	324	23	108	108	1/4"
300	75	21	3xM8	6xM12	55.4	64	32	32	10	35	44	384	30.5	128	128	1/4"
350	95	21	3xM10	6xM12	73.6	85	42.5	38	10	41	45	460	109	104	104	3/8"

All dimensions are in mm.

*Standard pre-drilled & plug tapped holes for Cast Iron execution.

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

Manufactured By

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