



ROTARY VALVE :

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

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

The Standard DT 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 :

- 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 100 to 500 mm
- DIN/ ANSI/ JIS Drilling Patterns
- Operating Temperature up to 150 deg C

APPLICATIONS :

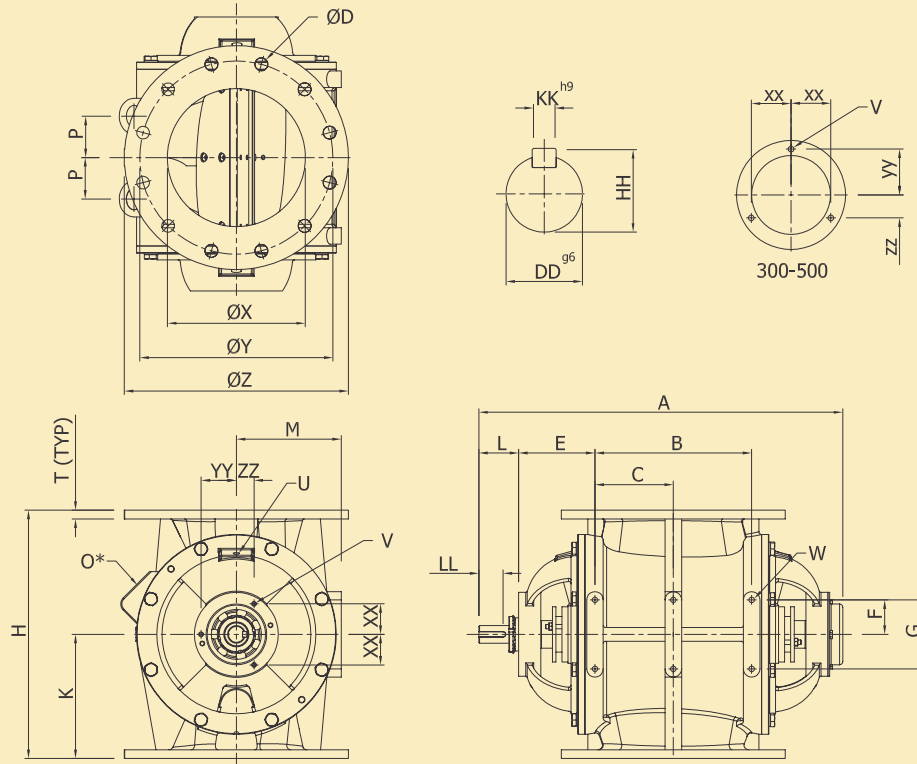
- Lean Phase Pneumatic Conveying
 - Pressure
 - Vacuum
- Gravity Feeding
- Metering

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

DT



Size	Swept Volume in M ³	DIN				A	B	C	E	F	G	H	K	L	M	Ø* (BSP)
100	0.001	100	170	4xØ18	210	328	90	-	84	32.5	75	180	90	54	90	-
150	0.003	150	240	8xØ23	285	484	146	-	127	50	100	280	140	60	110	¾"
175	0.006	175	270	8xØ23	315	524	190	-	125	50	100	330	165	60	130	1"
200	0.011	200	295	8xØ23	343	609	234	-	138	62.5	125	390	195	72	160	1 ¼"
250	0.019	250	350	12xØ23	406	659	284	142	138	62.5	125	450	225	72	190	1 ¼"
300	0.034	300	400	12xØ23	483	763	360	180	150	62.5	125	540	270	74	225	1 ½"
350	0.058	350	460	16xØ23	530	833	420	210	155	62.5	125	660	330	74	270	1 ½"
400	0.091	400	515	16xØ26	595	944	500	250	154	100	200	750	375	108	325	2"
450	0.135	450	565	20xØ26	615	1052	572	286	170	150	300	855	427.5	111	380	2"
500	0.230	500	620	20xØ27	670	1147	650	325	171	130	340	960	480	110	435	2"

Size	P	T	U (BSP)	V	W	XX	YY	ZZ	DD	KK	HH	LL
100	-	10.5	⅛"	2xM6	4xM8	35	-	-	25	8	28	39
150	40	12	¼"	3xM6	4xM10	37.1	52.5	37.1	30	8	33	36
175	53	14	¼"	3xM6	4xM10	37.1	52.5	37.1	30	8	33	36
200	65	14	¼"	3xM8	4xM12	55.4	64	32	32	10	35	44
250	75	16	¼"	3xM8	6xM12	55.4	64	32	32	10	35	44
300	95	21	⅜"	3xM10	6xM12	73.6	85	42.5	38	10	41	45
350	112	26	⅜"	3xM10	6xM12	73.6	85	42.5	38	10	41	45
400	125	26	⅜"	3xM10	6xM16	73.6	85	42.5	50	14	54	70
450	163	26	⅜"	3xM10	6xM16	73.6	85	42.5	60	18	64	70
500	180	28	⅜"	3xM10	6xM16	99.6	115	57.5	60	18	64	70

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

All dimensions are in mm.

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

Manufactured By

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