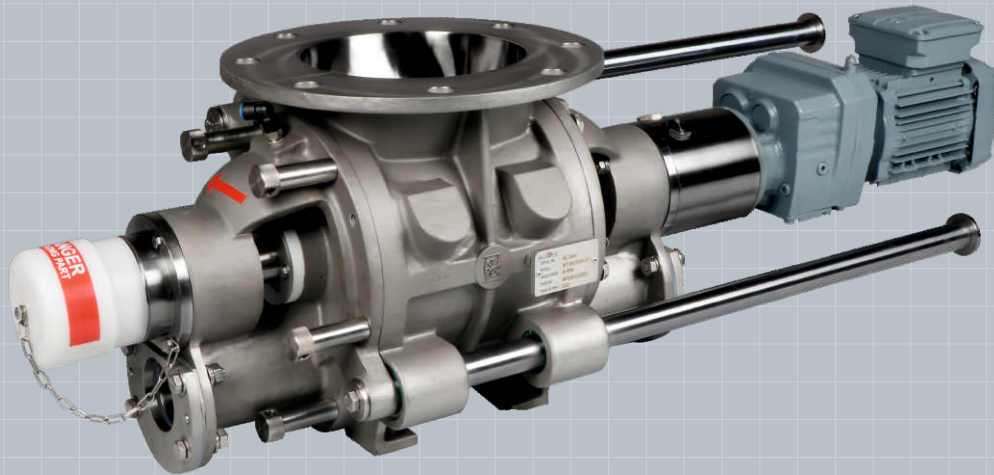


# Rotary Valve

# BVT-DCSR V2TE



## ROTARY VALVE

Airlock range of **DCSR V2TE BLOW THRU'** Rotary Valves (2T & 2TE) are designed for Pneumatic Conveying of Products in Powder, Granular and Pellet form.

These Valves are available with Dairy Sanitary Seals (DSS) for use in Dairy, Food, Chemical, Plastics, Pet Food, Pharmaceutical Industries and other Dry Bulk Material Handling Industries.

DCSR VER V2TE Rotary Valve comes with Easy Detachable Rotor and End Cover to perform Quick and Easy Cleaning.

The Highlight of VER V2TE Rotary Valve is Rotor can be Rotated for Easy Cleaning in Pulled Out Condition.

The Standard DCSR Rotary Valve up to 300 mm Size will have Fixed 8 Bladed Rotor with U-Shaped Pockets and Size 350 mm will have Fixed 9 Bladed Rotor with U-Shaped Pockets.

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

### FEATURES :

- Enlarged Inlet Opening
- Good Throat Opening and Angle
- Ensures Maximum Filling Efficiency
- Reduced Air Leakage
- 10 bar Pressure Shock Resistance
- ATEX Rated
- USDA Approved
- EHEDG Approved
- Construction in Stainless Steel 316
- Supporting Cross Slide Rails for Easy Removal of Rotor and End Cover
- Increased Safety at Work
- Product Contact Surfaces Polished to 0.8µm (150 Grit) Finish
- Rotor can be rotated for Easy Cleaning
- Alignment of Rotor Shaft into the Drive Shaft has been made Easier for Docking

### DESIGN :

- Sizes from 200 to 350 mm
- DIN / ANSI / JIS Flange Drilling Pattern
- Operating Temperature up to 150 deg C
- Designed for Sanitary Standards

### APPLICATION :

- ❖ Lean Phase Pneumatic Conveying
  - Pressure
  - Vacuum

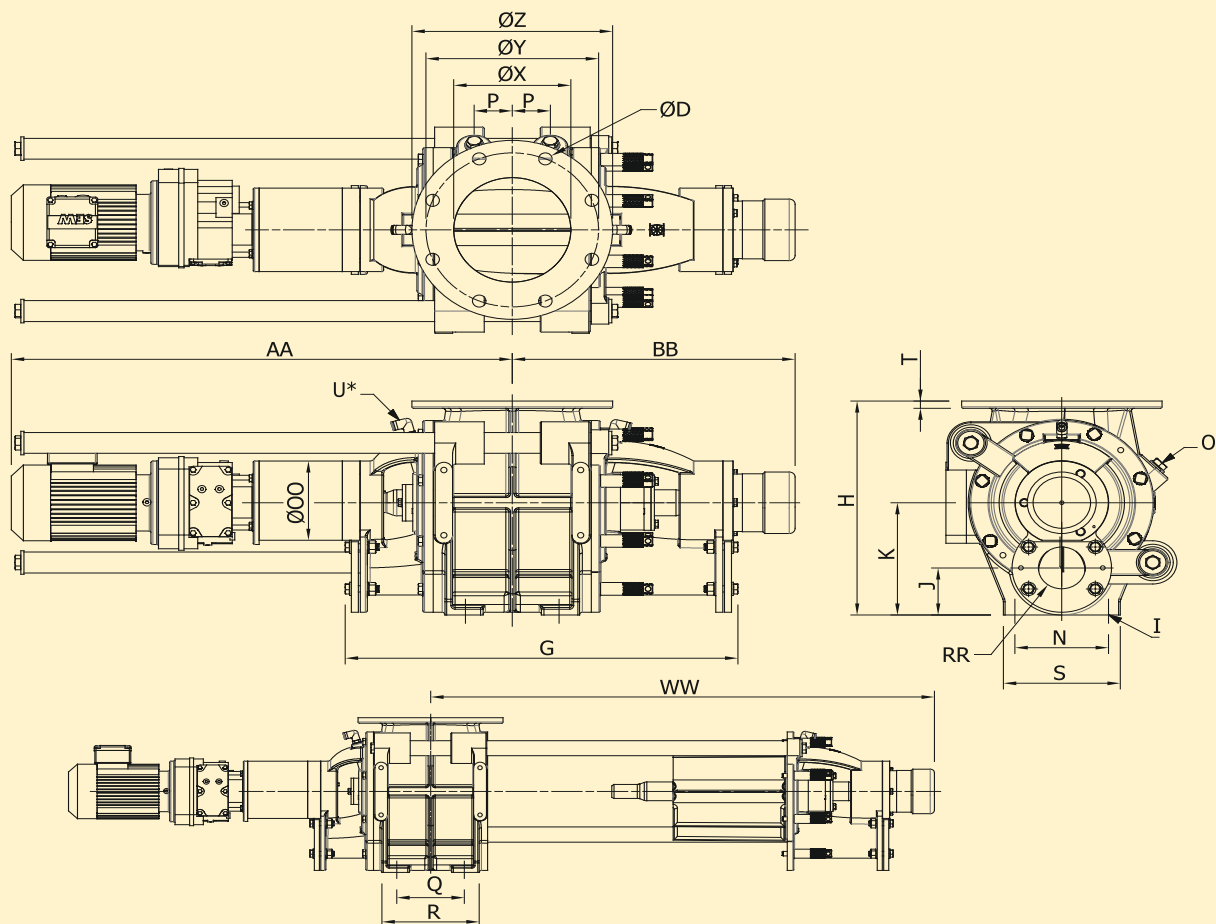
### OPTIONS :

- Chain & Direct Drives
- Zero Speed Sensor
- Rotor Interference Sensor (RIS)
- High Temperature Modifications
- Product Contact Surface Polished to 0.2µm
- Pressure Regulator
- Flow Meter
- Inlet Restrictor
- Flame Proof
- ATEX / IECEx Rated Electrical Components

# Rotary Valve

# BVT-DCSR

## V2TE



|      |                             | DIN |     |        |     | ANSI  |          |     |       |     |     |     |    |     |
|------|-----------------------------|-----|-----|--------|-----|-------|----------|-----|-------|-----|-----|-----|----|-----|
| Size | Swept Volume m <sup>3</sup> | ØX  | ØY  | ØD     | ØZ  | ØY    | ØD       | H   | I     | J   | K   | N   | P  | Q   |
| 200  | 0.006                       | 200 | 295 | 8xØ23  | 343 | 298.4 | 8xØ23    | 340 | 4xØ12 | 75  | 175 | 130 | 53 | 130 |
| 250  | 0.011                       | 250 | 350 | 12xØ23 | 406 | 361.9 | 12xØ25.4 | 410 | 4xØ18 | 90  | 215 | 160 | 65 | 160 |
| 300  | 0.019                       | 300 | 400 | 12xØ23 | 483 | 431.8 | 12xØ25.4 | 470 | 4xØ18 | 100 | 245 | 170 | 75 | 200 |
| 350  | 0.034                       | 350 | 460 | 16xØ23 | 530 | 476.2 | 16xØ28.6 | 565 | 4xØ23 | 120 | 295 | 190 | 95 | 260 |

| Size | R   | S   | T  | U*<br>(BSP) | O (DAIRY)<br>UNEF | G Dairy | RR Dairy | G   | RR<br>(Max) | AA   | BB  | ØOO | WW   |
|------|-----|-----|----|-------------|-------------------|---------|----------|-----|-------------|------|-----|-----|------|
| 200  | 190 | 160 | 14 | ¼"          | 1 ⅝"              | 545     | 50       | 505 | 65          | 740  | 385 | 120 | 880  |
| 250  | 230 | 200 | 16 | ¼"          | 1 ⅝"              | 695     | 50       | 650 | 80          | 865  | 500 | 160 | 1130 |
| 300  | 274 | 210 | 21 | ¼"          | 1 ⅝"              | 745     | 70       | 700 | 100         | 940  | 525 | 160 | 1190 |
| 350  | 350 | 240 | 21 | ⅜"          | 1 ⅝"              | 855     | 100      | 810 | 125         | 1140 | 595 | 200 | 1550 |

\* 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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