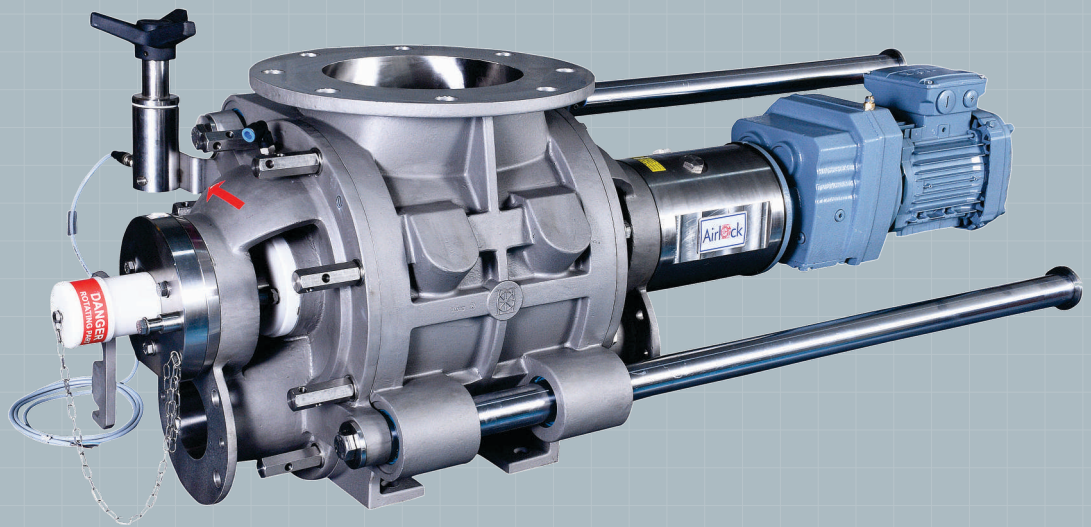


Rotary Valve

BT-DCSR



ROTARY VALVE

Our range of Blow through DCSR Rotary Valves has been designed for Pneumatic Conveying the products in powder, granular and pellet form.

A wide range of Rotary Valves are available for use in Dairy, Food, Pet Food, Pharmaceutical and other dry bulk material.

Rotary Valves come with easy detachable Rotor and End Cover to perform quick cleaning.

The **Rotary Valve** is available in different sizes from 150 - 350 mm.

FEATURES :

- Good throat opening and angle ensures maximum filling efficiency
- Reduced air leakage
- ATEX rated
- 10 bar pressure shock resistance
- USDA approval
- EHEDG approval
- Construction in Stainless Steel 316
- Supporting slide rails for easy removal of rotor and end cover
- Hygienic valve
- Increased safety at work
- Product contact surfaces are polished to 0.8 μm (150 grit) finish
- Dairy Sanitary Seals

OPTIONS :

- Chain & Direct Drives
- Air Purge Dairy
- Zero Speed Sensor
- Rotor Interference Sensor (RIS)
- High Temperature
- Product Contact Surface Polished to 0.4 μm

APPLICATION :

- ❖ Pressure
- ❖ Vacuum

DESIGN :

- Sizes from 150 to 350 mm
- DIN /ANSI /JIS drilling patterns
- Operating temperature up to 150 deg C. High temperature on request
- Designed for Lean Phase Conveying

PRODUCT DETAILS

Our Dairy Rotary Valves are supplied in Stainless Steel 316 material.

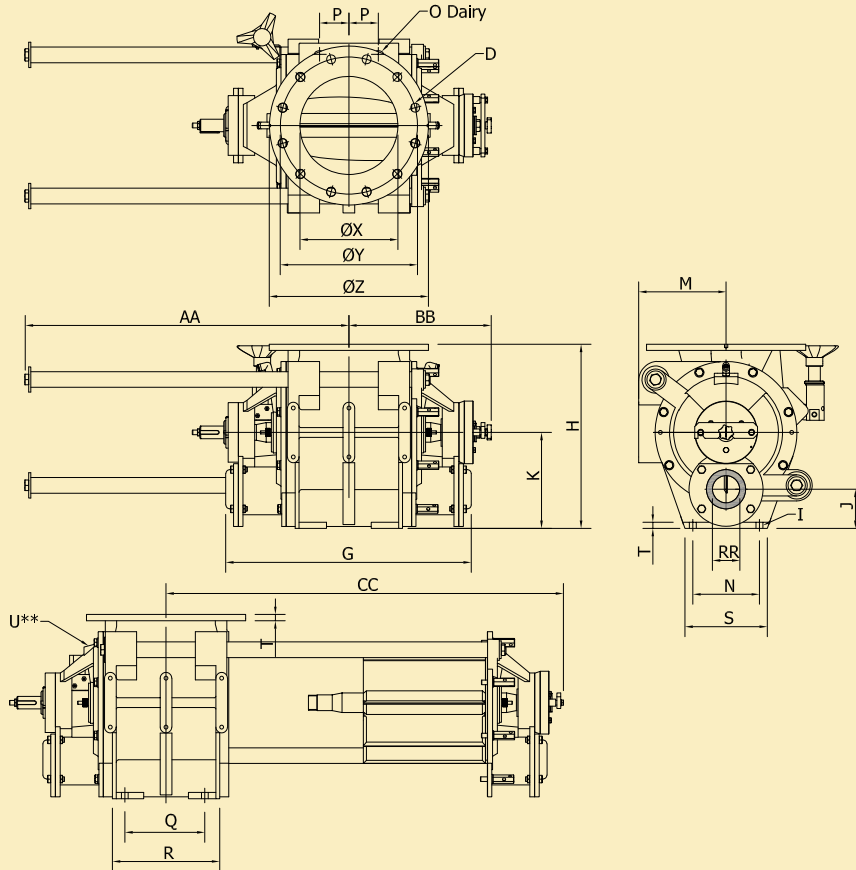
The standard Rotary Valve has fixed 8/9 bladed rotor with U-Shaped pockets.

We Provide different kinds of shaft sealing depending upon the product and application.

The **Rotary Valve** is supplied with optional features like pressure regulator, flow meter and inlet restrictor if required for the application.

Rotary Valve

BT-DCSR



| Type BT | Swept Volume | DIN | | | | | | | | | | | | | | | |
|---------|-------------------|-----------------|-----------------|----------------------|-----------------|-----|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|----|--------------------------------------|
| | In M ³ | $\varnothing X$ | $\varnothing Y$ | $\varnothing D$ | $\varnothing Z$ | H | I | J | K | M | N | P | Q | R | S | T | U** (BSP) |
| 150 | 0.003 | 150 | 240 | 8x $\varnothing 23$ | 285 | 295 | 4x $\varnothing 12$ | 65 | 155 | 143 | 110 | 40 | 100 | 154 | 140 | 12 | $\frac{1}{4}$ " ($\varnothing 10$) |
| 175 | 0.006 | 175 | 270 | 8x $\varnothing 23$ | 315 | 340 | 4x $\varnothing 14$ | 75 | 175 | 165 | 130 | 53 | 130 | 190 | 160 | 14 | $\frac{1}{4}$ " ($\varnothing 10$) |
| 200 | 0.011 | 200 | 295 | 8x $\varnothing 23$ | 343 | 410 | 4x $\varnothing 18$ | 90 | 215 | 198 | 160 | 65 | 160 | 230 | 200 | 14 | $\frac{1}{4}$ " ($\varnothing 10$) |
| 250 | 0.019 | 250 | 350 | 12x $\varnothing 23$ | 406 | 470 | 4x $\varnothing 18$ | 100 | 245 | 223 | 170 | 75 | 200 | 274 | 210 | 16 | $\frac{1}{4}$ " ($\varnothing 10$) |
| 300 | 0.034 | 300 | 400 | 12x $\varnothing 23$ | 483 | 565 | 4x $\varnothing 23$ | 120 | 295 | 225 | 190 | 95 | 260 | 350 | 240 | 21 | $\frac{3}{8}$ " ($\varnothing 10$) |
| 350 | 0.058 | 350 | 460 | 16x $\varnothing 23$ | 530 | 665 | 4x $\varnothing 23$ | 132 | 335 | 270 | 220 | 112 | 310 | 410 | 270 | 26 | $\frac{3}{8}$ " ($\varnothing 10$) |

| Type BT | O Dairy (UNEF) | G Dairy | RR Dairy | G | RR(max) | AA | BB | CC |
|---------|-------------------|---------|----------|-----|---------|------|-----|------|
| 150 | 1 $\frac{1}{8}$ " | 465 | 35 | 420 | 50 | 655 | 275 | 895 |
| 175 | 1 $\frac{1}{8}$ " | 505 | 50 | 460 | 65 | 635 | 295 | 875 |
| 200 | 1 $\frac{1}{8}$ " | 575 | 50 | 535 | 80 | 855 | 330 | 1110 |
| 250 | 1 $\frac{1}{8}$ " | 625 | 70 | 585 | 100 | 830 | 355 | 1085 |
| 300 | 1 $\frac{1}{8}$ " | 685 | 100 | 685 | 125 | 890 | 405 | 1155 |
| 350 | 1 $\frac{1}{8}$ " | 755 | 125 | 755 | 150 | 1055 | 440 | 1315 |

** Air Purge Connection

Note:
ANSI/JIS Flange drilling hole are available on request.
We reserve the rights to modify the dimensions without prior notice.
All dimensions are in mm

Marketed by

AIRLOCK INDIA PVT. LTD.

1/15-8, Ponnandampalayam,
Arasur - Annur Road, Thennampalayam,
Coimbatore - 641 659, Tamilnadu, INDIA
Phone : +91 (0422) 6678535
Email : sales@airlockintl.co.in
Web : www.airlockintl.co.in