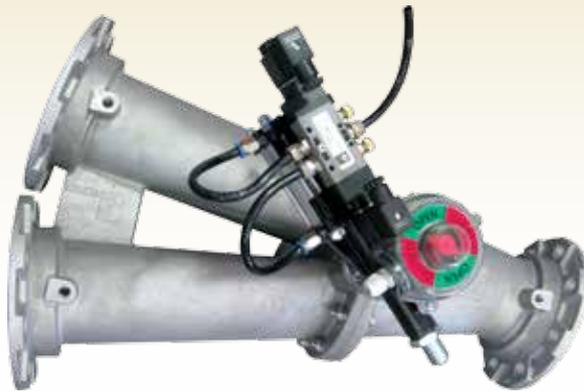


# Flour Milling

## Diverter Valves VAB



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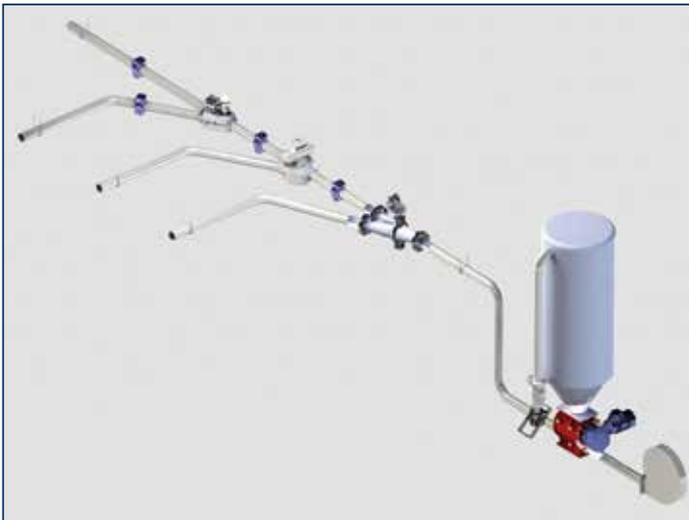


### Description ▼

The VAB Flap diverter Valve consist of a robust body manufactured in two sections, split at a centre flange for ease of access to the internal sealing flap. The flap components and actuating cylinder are connected to the drive shaft which in turn is integrated into the valve body.

### Function ▼

Two-way flap type diverter valve, is designed to meet the pneumatic conveying industry's requirement to re-route powder, pellets or granules from one discharge point to another with minimal pressure drop and high sealing efficiencies. The flap diverter valve uses a swinging flapper to divert material from one duct to another one.



### Application ▼

The VAB Flap Diverter Valves are fitted directly to the pneumatic conveying ducts whenever is needed to switch the flow of material to different production lines.

### Benefits ▼

- ✓ No contamination due to the Nickel Plating food certified;
- ✓ Use with different materials in a one configuration only;
- ✓ Quick integration into the process thanks to its light weight and easy handling;
- ✓ Modular design and easy maintenance thanks to small numbers of components;
- ✓ Small divert angle of 22.5°;
- ✓ Low pressure drop – minimal transition effect;
- ✓ Smooth internals - no lodgment points;
- ✓ Various actuators available, Pneumatic, electric and manual types;
- ✓ Available in 7 size ranging from 50 up to 200 mm;
- ✓ ATEX Compliance Group II Cat. 1D/3D c T135°C.

# Flour Milling

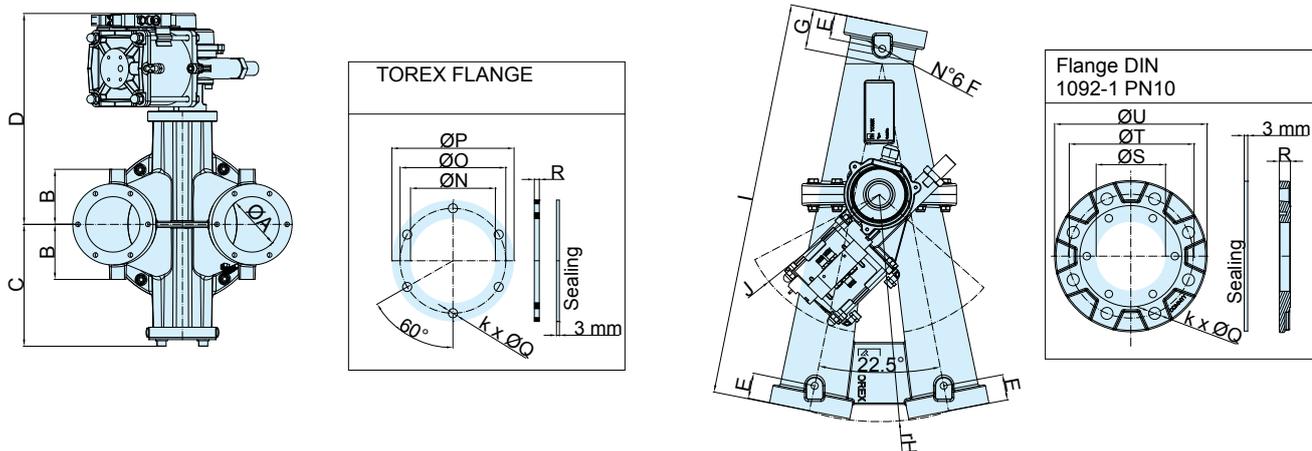
## Diverter Valves VAB



### Technical Features / Performance ▼

- ▶ Material of construction: Aluminum Casting
- ▶ Moveable Flap: Epdm
- ▶ Working Temperature: from - 20°C To 80°C
- ▶ Working Pressure: Max.+ 2.0 bar and -0.3 bar
- ▶ Actuators: Pneumatic (CP101 + MIC23), Electric (AE), Manual (CM)
- ▶ Diameter Range: It will be available in the following diameter:  
50 Mm – 65 Mm - 80 Mm – 100 Mm – 125 Mm – 150 Mm – 200 Mm
- ▶ Atex Certification available for Group II Cat. 1D/3D C T 135°C
- ▶ It can be used either diverter or converger

### Overall Dimensions ▼



| Size | A   | B   | C   | E  | F   | G   | r H | I   | Pneumatic Actuator |       | Electric Actuator |     |
|------|-----|-----|-----|----|-----|-----|-----|-----|--------------------|-------|-------------------|-----|
|      |     |     |     |    |     |     |     |     | D                  | r J   | D                 | r J |
| 50   | 50  | 60  | 153 | 32 | 70  | 45  | 448 | 493 | 281                | 205   | 363               | 275 |
| 65   | 65  | 70  |     |    |     | 47  | 497 | 545 |                    |       |                   |     |
| 80   | 80  | 80  |     |    |     | 59  | 514 | 574 |                    |       |                   |     |
| 100  | 100 | 90  | 178 | 37 | M16 | 559 | 629 | 712 | 330.5              | 412.5 | 495               | 290 |
| 125  | 125 | 110 | 203 |    |     | 74  | 639 | 818 |                    |       |                   |     |
| 150  | 156 | 125 | 277 |    |     | 74  | 745 | 818 |                    |       |                   |     |
| 200  | 206 | 150 |     |    |     | 857 | 922 |     | 402                |       |                   |     |

Dimensions in mm

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