

Lime Dosing

Flap Diverter Valve - VAB

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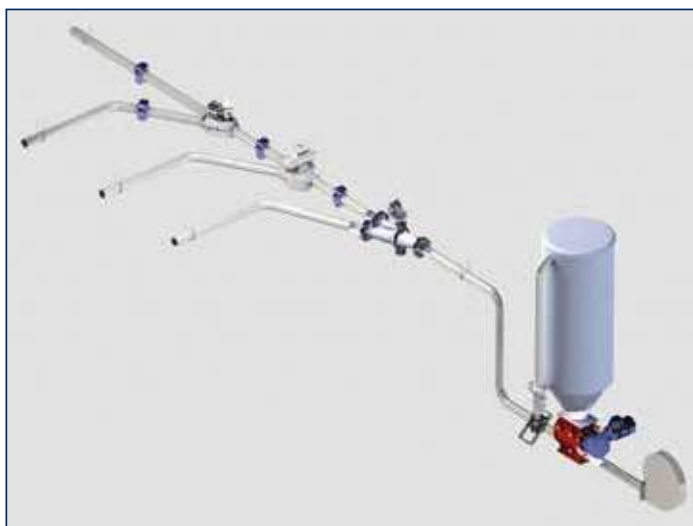


Description ▼

The VAB Flap Diverter Valve consists of a robust casing manufactured from two sections, divided in the middle of the flange for ease of access to the internal sealing flap. The flap components and actuating cylinder are connected to the drive shaft which is integrated into the valve body.

Function ▼

The VAB Flap Diverter Valve is designed to meet pneumatic conveying requirements to re-route powders, pellets or granules from one discharge point to another with minimum pressure drop and high sealing efficiency. The Flap Diverter Valve uses a swinging flapper to convey material from one duct to another.



Application ▼

VAB Flap Diverter Valves are fitted directly to the pneumatic conveying ducts when diverting the material flow to different pneumatic lines is needed.

Benefits ▼

- ✓ **Lightweight and easy to handle;**
- ✓ **Modular design for easy maintenance;**
- ✓ **Low pressure drop;**
- ✓ **Smooth internal surfaces - no sedimentation corners;**
- ✓ **Pneumatic, electric or manual actuator;**
- ✓ **7 sizes ranging from 50 to 200 mm;**
- ✓ **Flap Diverter Valve - VAB can be used as Diverter or Converter.**

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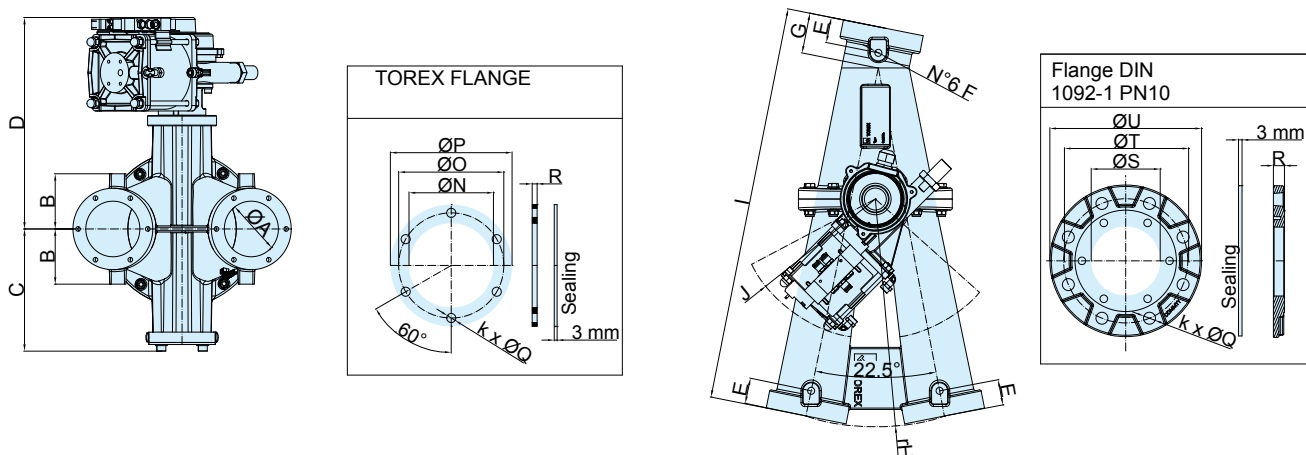
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Technical Features / Performance ▼

- ▶ Material: cast aluminium
- ▶ 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: 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

Overall Dimensions ▼



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

Dimensions in mm