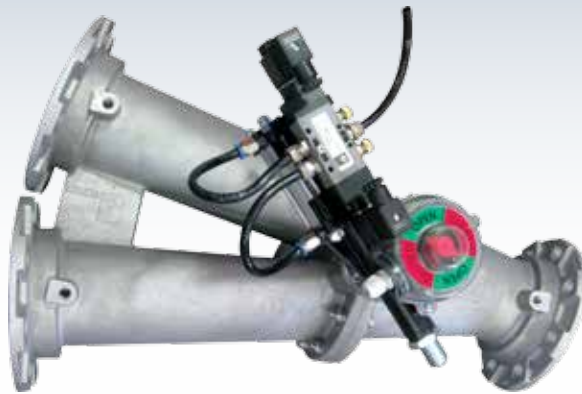


Lime Dosing

Flap Diverter Valve - VAB

25

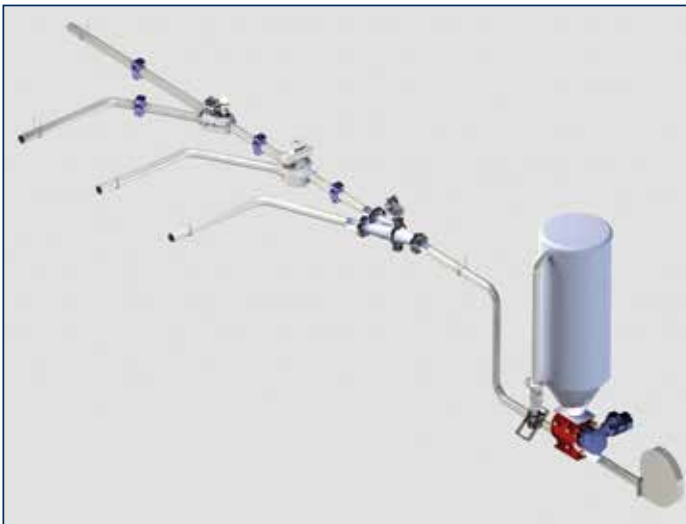


Description ▼

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.**

Lime Dosing

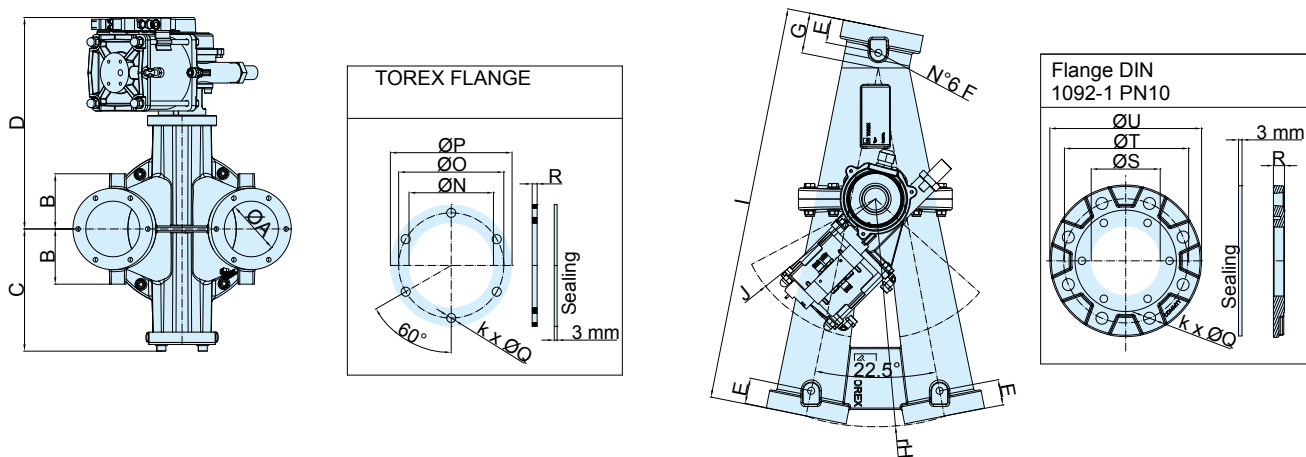
Flap Diverter Valve - VAB



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 ▼



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	305.5	412.5			
125	125	110	203	65		74	639	712	330.5	495	290	
150	156	125	277	74		745	818	402				
200	206	150		857	922							

Dimensions in mm

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This datasheet might not show the complete range but only the models specialised for the application.