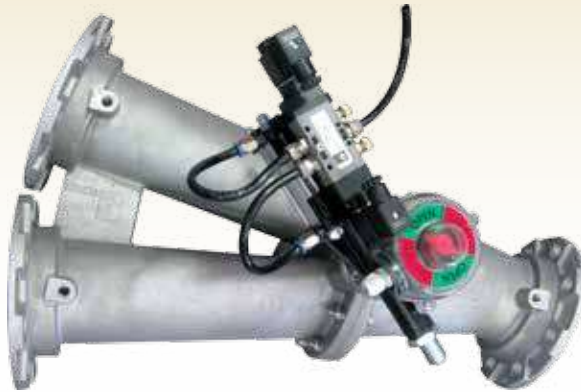


Flour Milling

Diverter Valves VAB

46

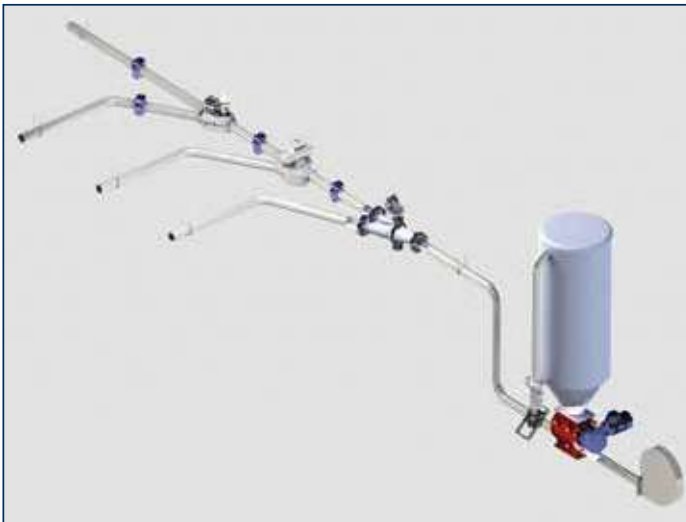


Description ▼

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

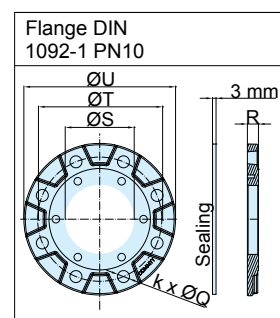
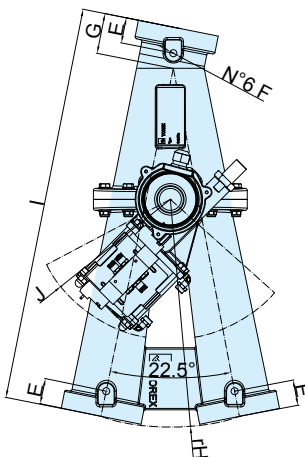
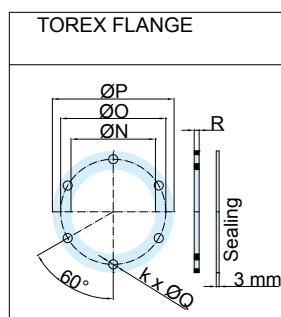
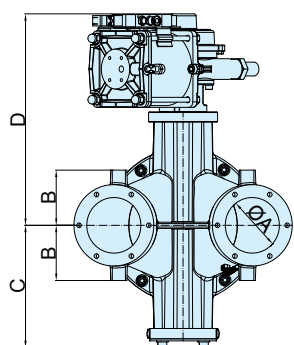
Diverter Valves VAB



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 ▼



									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				47	497	545				
80	80	80	178	37		59	514	574	305.5		387.5	
100	100	90				559	629					
125	125	110	203	65	M16	74	639	712	330.5		412.5	
150	156	125	277			74	745	818	402		495	290
200	206	150				857	922					

Dimensions in mm