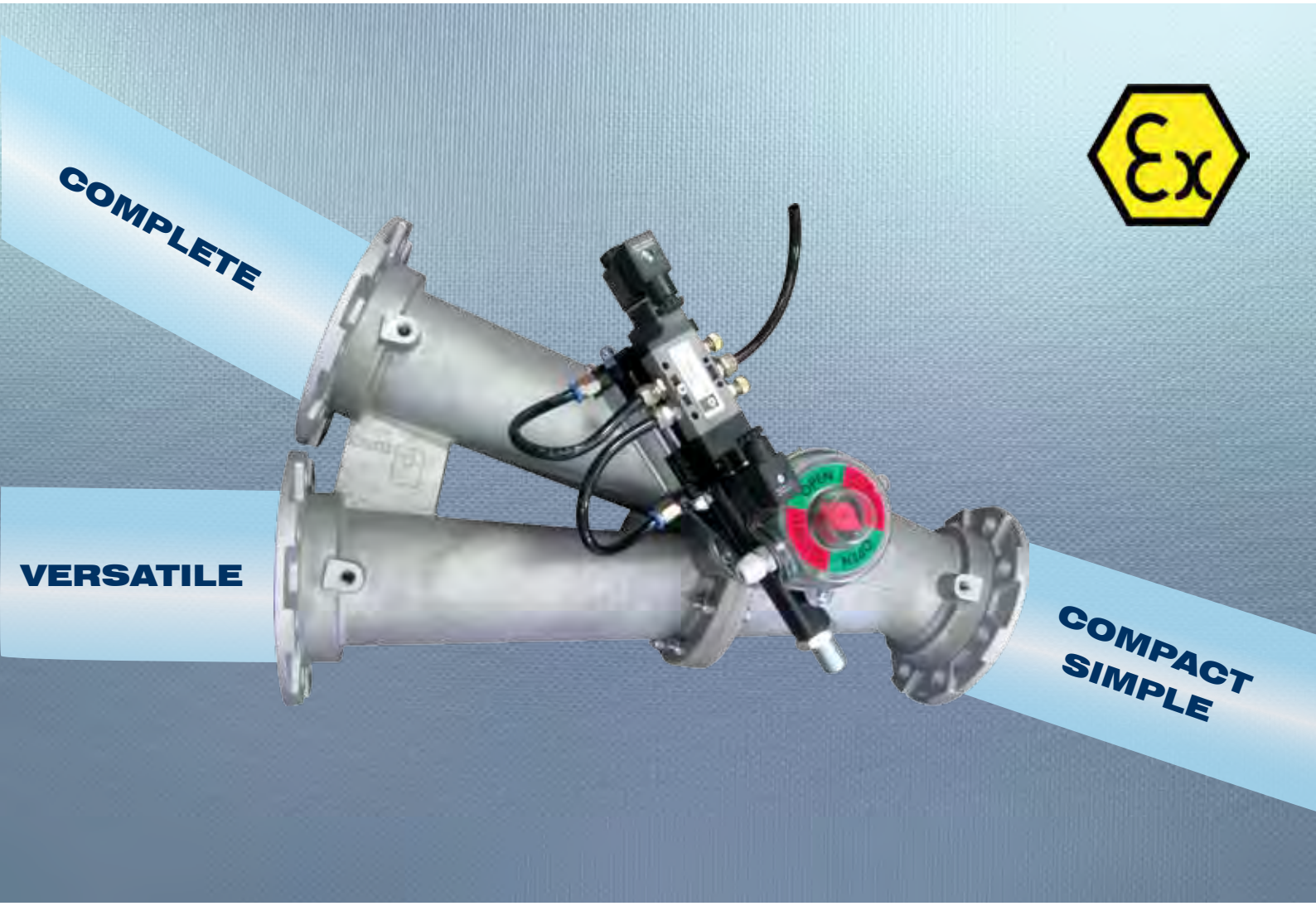
PNEUMATIC CONVEYING

Flap Diverter Valves

VAB



WAMGROUP

TOREX®

Flap Diverter Valves VAB

VERSATILE SOLUTION FOR PNEUMATIC CONVEYING SYSTEMS

The flap diverter valve uses a swinging flap to divert material from one duct to another. The VAB Flap Diverter Valves are fitted on pneumatic conveying ducts whenever it is required to switch the flow of material to different production lines.

Features

VALVE

- Casing: cast aluminium alloy;
- Mobile flap seal: EPDM (white colour, food-grade certified, antistatic);
  Metal plate - 304 Stainless Steel
- Working temperature: from - 20°C to 80°C
- Working pressure: max.+ 2.0 bar and -0.3 bar.
- Various actuators available
- Diameter Range: 50 mm – 65 mm - 80 mm – 100 mm – 125 mm – 150 mm – 200 mm
- Cast aluminium alloy or nickel plated version both available with ATEX certification
  for Group II Cat. 1D/3D c T 135°C on request
- It can be used either as diverterting or converging

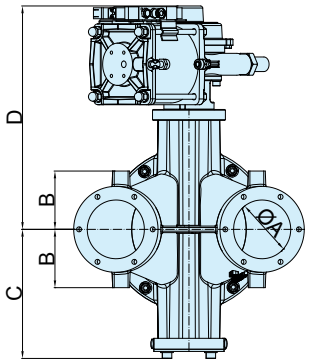
ACTUATOR

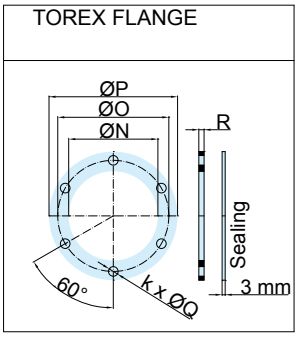
Pneumatic Actuator (CP063 for VAB 50 to VAB 125 - CP101 (VAB 150 – VAB 200 + MIC23 for all sizes)
- Voltage supply: 24 V AC, 24 V DC, 110 V AC, 230 V AC;

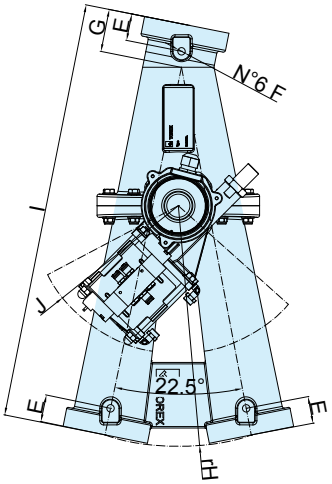
Electric Actuators (AE4011 for VAB50 to VAB125 – AE5011 for VAB150-VAB200)
- Voltage supply: 230/400 V AC 50/60 Hz

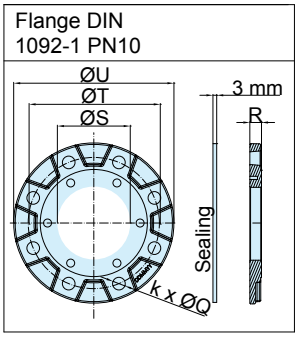
Manual Actuator (CM4 for all sizes)
- Manually operated

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

Benefits

1 Quick integration into the process



TOREX® FLANGES

Provided with:
- Carbon steel counter-flanges
- 304 Stainless Steel counter-flanges

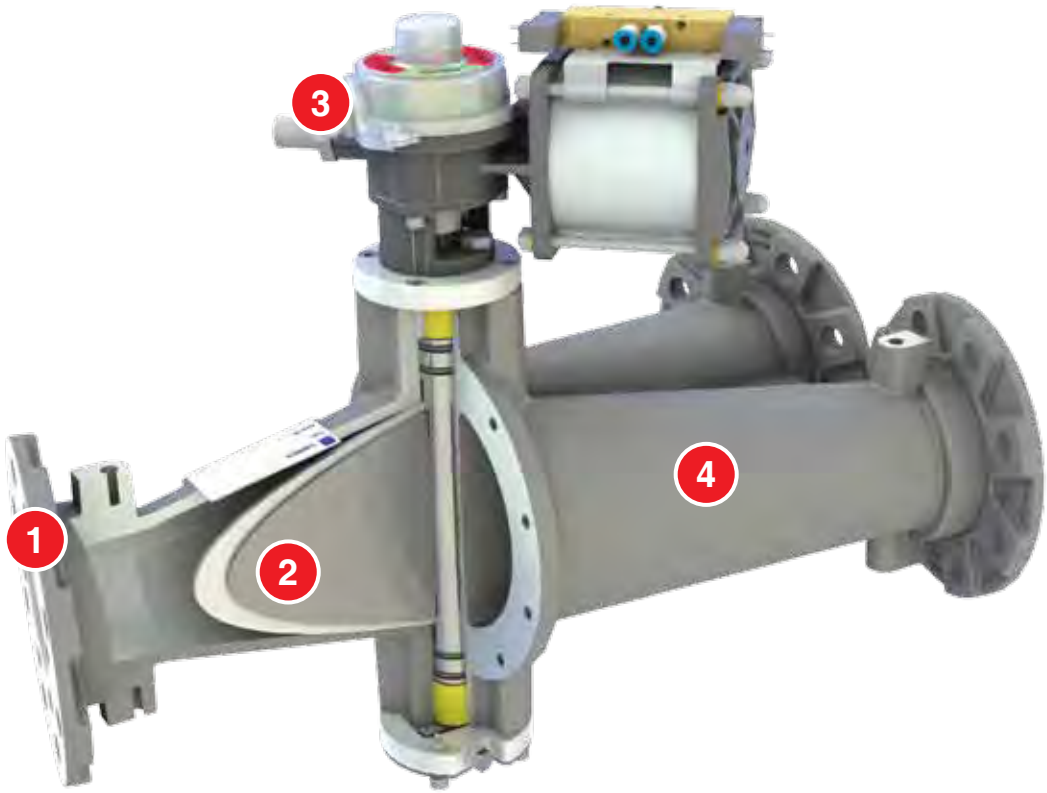
TOREX® flanges can be welded to the pneumatic duct
Dimensions are the same as for VAR Diverter Valves



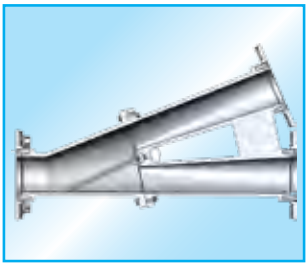
DIN FLANGE 1092-1 PN 10

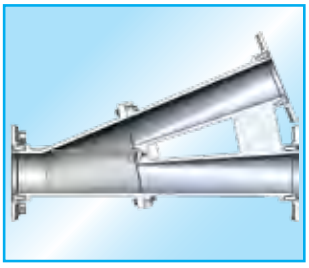
- Cast aluminium alloy available

The dimensions of these flanges are the same as for VM Pinch Valves



2 Switching Flap





Easy to use as Diverter or Converter
- Narrow diverting angle of 22.5°
- Low pressure drop due to minimum transition effect
- Smooth internal surface (no lodgement points)
- Modular design and easy maintenance thanks to small numbers of components
- Lightweight and compact overall dimensions

3 Various type of actuators



Pneumatic Actuator CP063/CP101
Working Pressure: 2-7 bar

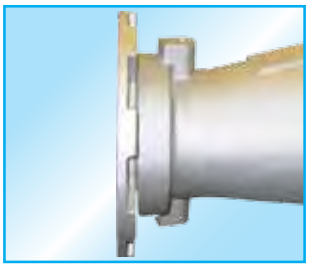


Electric Actuator AE40A11
Power: 0.18 kW
Protection: IP 55,
Voltage: 50 Hz - 230/400 Volt



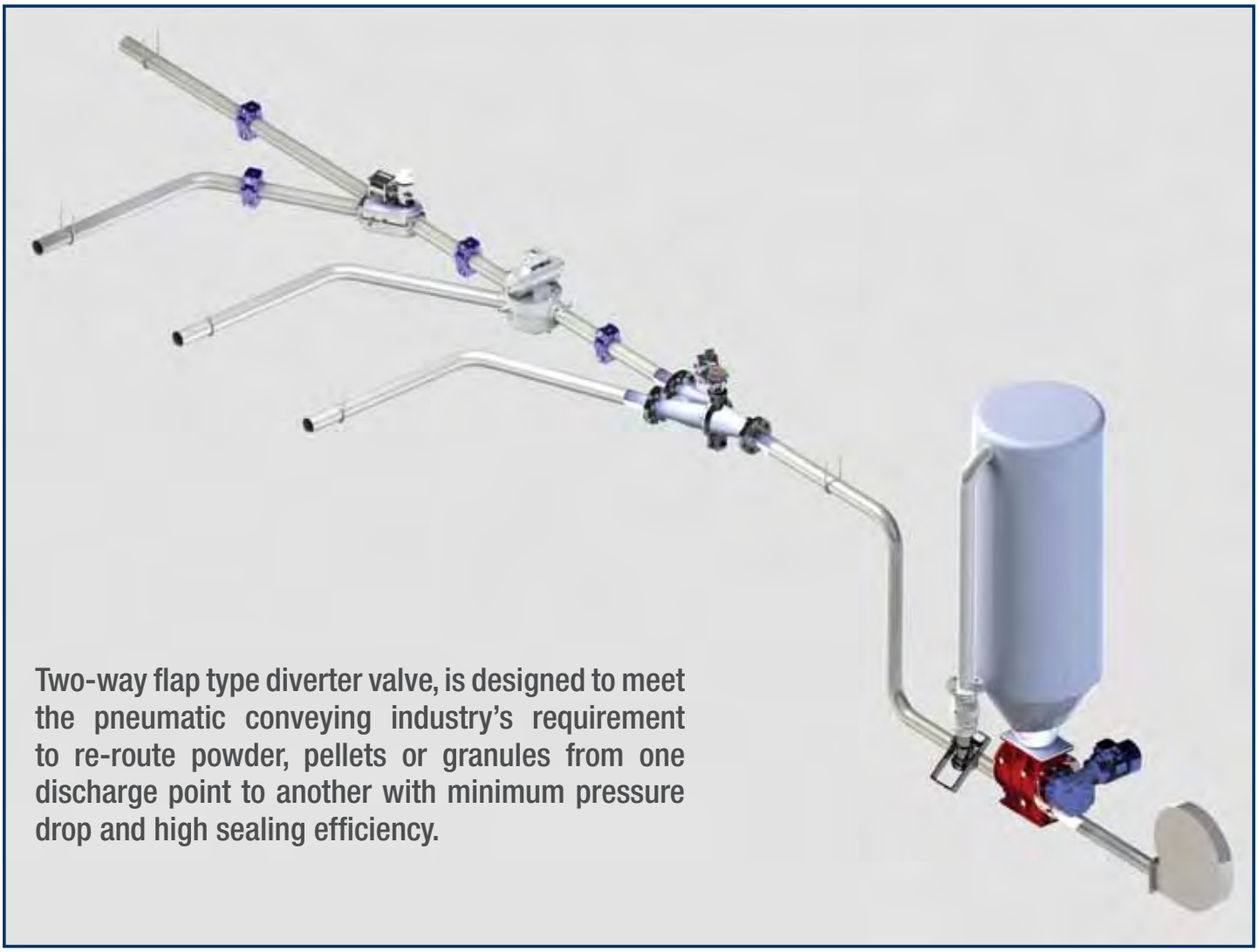
Manual Actuator CM4

4 Nickel Plated Version



- No contamination thanks to food-grade certified Nickel plating
- Corrosion resistant
- Higher surface hardness

Application



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 minimum pressure drop and high sealing efficiency.



WAMGROUP®

WAM® FLITECH® MAP® EXTRAC® SPECO® TOREX® OLI® RONCUZZI® TECNO CM

TOREX®

UNI EN ISO 9001 Certified Company

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