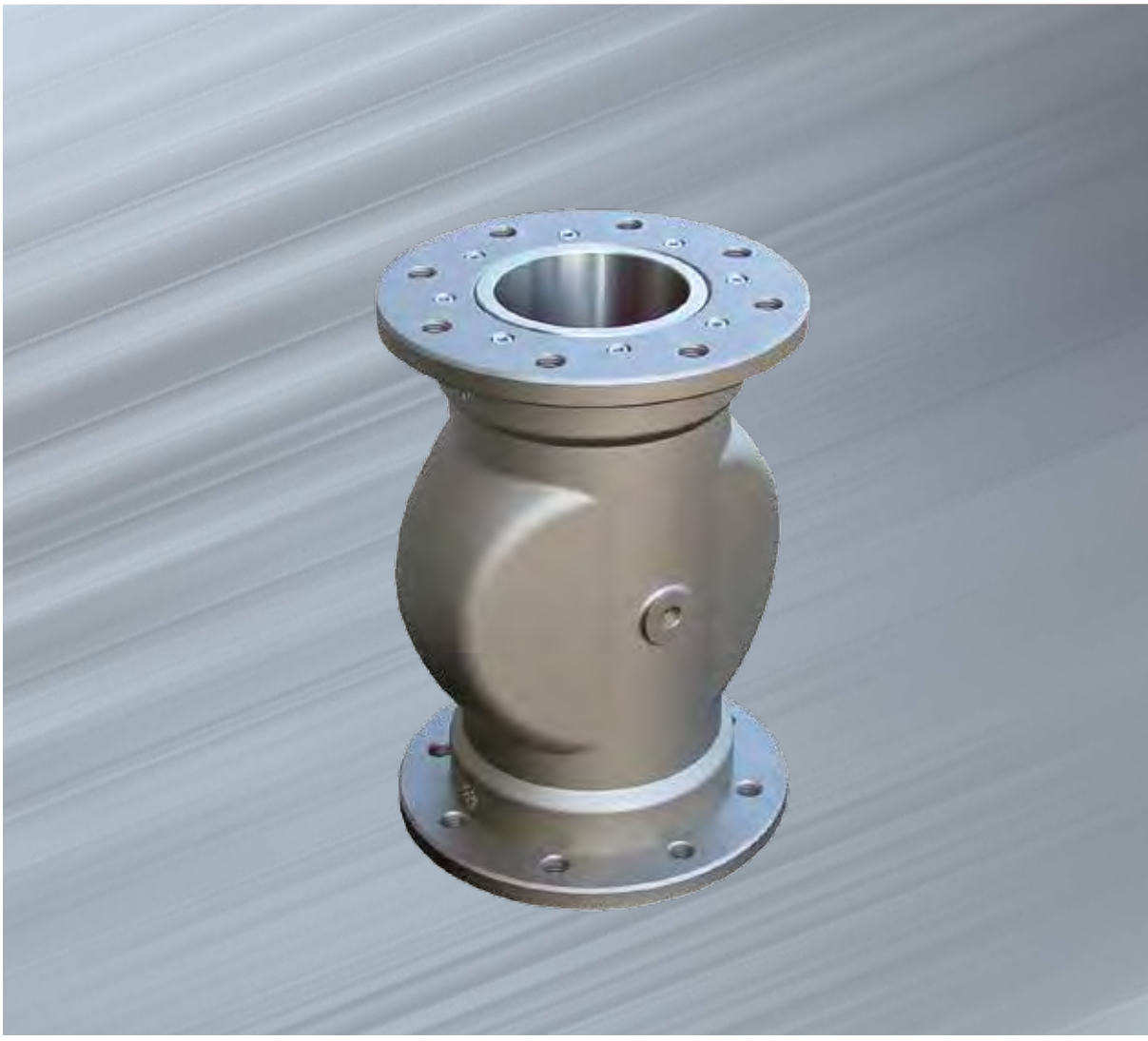
PNEUMATIC CONVEYING

Pinch Valves

VM





WAMGROUP

TOREX®

Pinch Valves VM

HIGH PERFORMANCE SHUT-OFF VALVE FOR PNEUMATIC CONVEYING SYSTEMS FOR POWDERS, GRANULAR OR SLURRIES; IMPROVES PROCESS EFFICIENCY THANKS TO QUICK AND EASY MAINTENANCE, NO TURBULENCES AND PRESSURE LOSSES THANKS TO FULL BORE SLEEVES INTEGRATING THE VALVE TO THE PIPELINE.

By introducing compressed air through the threaded bore into the interior of the valve, the internal flexible sleeve is reshaped in such a way as the passage is hermetically sealed.

VM Pinch Valves equally handle pneumatically conveyed powders,granules and fibres.

Features

Passage Diameter: 13 mm (1/2") – 20 mm (3/4") – 25 mm (1") - 32 mm (1 ¼") – 40 mm (1 ½") – 50 mm (2") – 65 mm (2 ½") – 80 mm (3") – 100 mm (4") – 125 mm (5") – 150 mm (6") – 200 mm (8")

- Working Temperature: from -10 °C up to 80°C
- Pi Internal Max. Pneumatic Conveying System Pressure: 3.5 bar
- Pc Closure control pressure: Pi + 2.5 bar (max. 6 bar)

Accessories

CONTROL PANEL VMX

Designed for operating the VM Pinch Valves, enabling:

- Open / Close air supply to the "VM" by the solenoid valve
- Adjust the closing pressure to "VM"
- Get information on the pressure line to "VM" by means of a 2.5 bar preset pressure switch

CONTROL PANEL VMX01N



Standard version

CONTROL PANEL VMX01NX



ATEX certified for Zone 22 (dust)

Benefits

- ✓ **Compact overall dimensions;**
- ✓ **Easy and quick sleeve and bush replacement;**
- ✓ **Full bore-through passage without any pressure loss;**
- ✓ **No product contact with the casing;**
- ✓ **Sleeves manufactured from fabric-reinforced material;**
- ✓ **Sleeve support bushes either made from aluminium alloy, hardened carbon steel or 304 stainless steel;**
- ✓ **Apart from periodic replacement of the sleeve and the bushes, no maintenance required;**
- ✓ **Lightweight in comparison with other makes and other types of valve;**
- ✓ **Particularly low air consumption;**
- ✓ **Food-grade contact parts.**

Benefits

1 Casing



Cast aluminium alloy

2 Sleeve



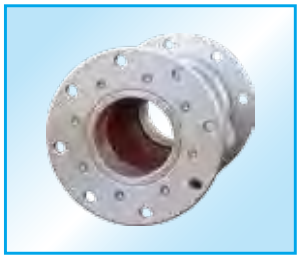
NR Natural Rubber anti-abrasion

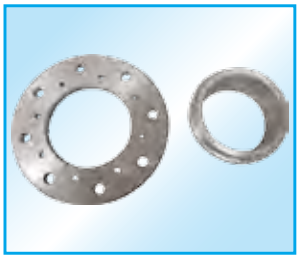


NBR Natural Rubber food-grade

3 Connection Processes

FLANGES AND BUSHES - Available for passage diameter from 40 mm up to 200 mm

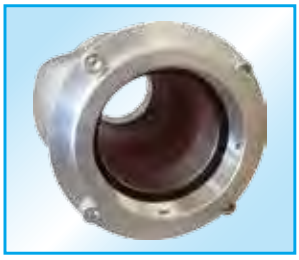




FLANGE: - Aluminium alloy
BUSHES: - Aluminium alloy
- Hardened Steel
- 304 Stainless Steel

THREADED BUSHES - Available for passage diameter from 13 mm up to 100 mm

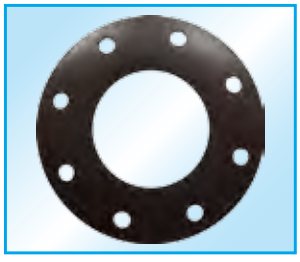




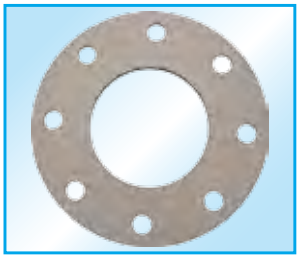
Threaded Bushes:
Diameter from 13 mm up to 32 mm
- Polymer

Diameter from 40 mm to 100 mm
- Aluminium alloy
- Nickel Coated
- 304 Stainless Steel

4 Gaskets - Available for flanged version only



Black



Food-grade white



Application







VM Pinch Valves are used for material flow interception in pneumatic conveying systems, or other pipelines.
In addition, they can be installed as a locking device for silo filling pipes.
In the open position the internal cross section of the valve is identical with the connecting pipe diameter.



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

TOREX®

UNI EN ISO 9001 Certified Company

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