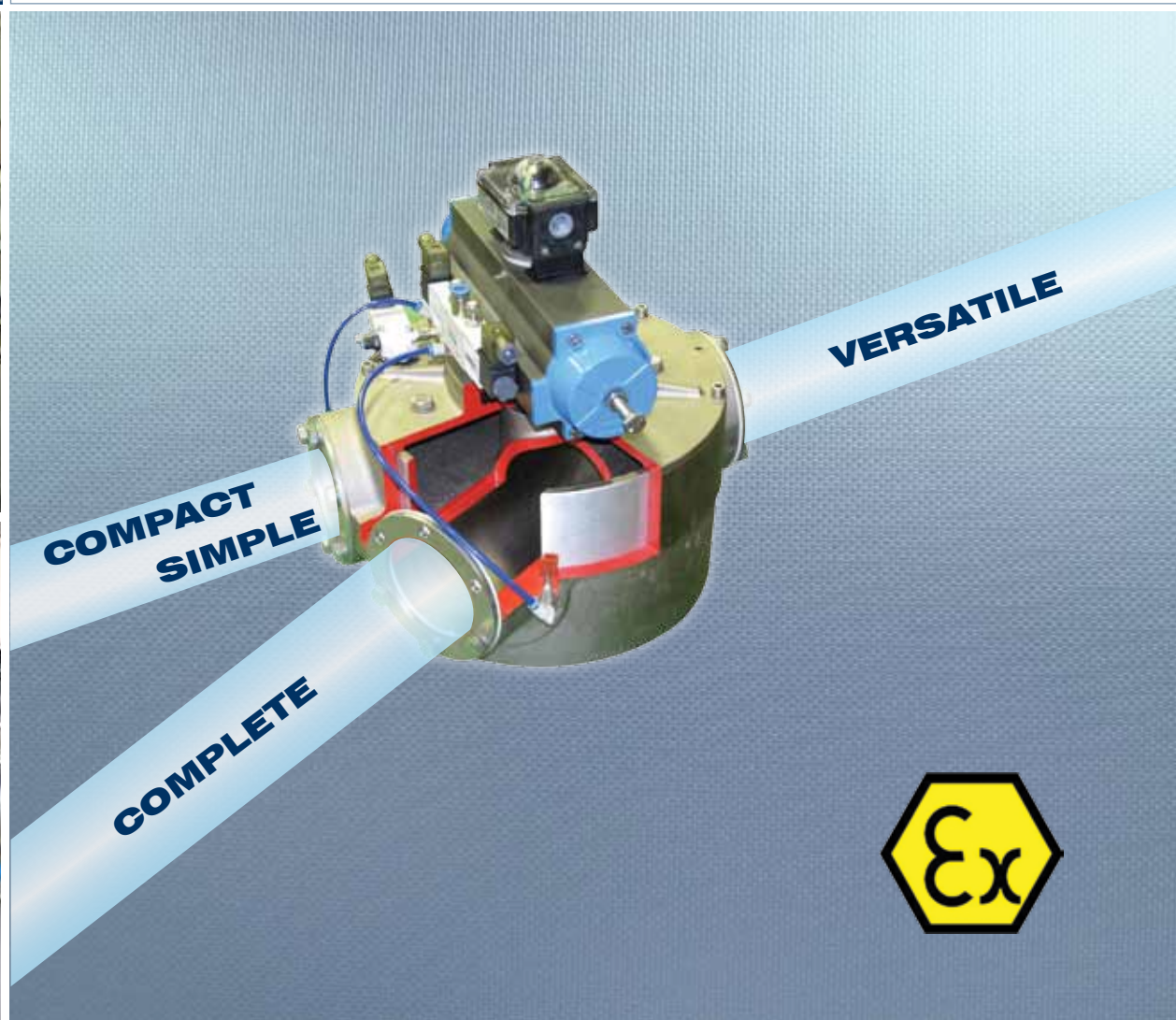


Drum-Type Diverter Valves

VAR



THE MOST COMPACT, SIMPLE, COMPLETE AND VERSATILE DRUM DIVERTER VALVE ON THE MARKET

VAR Diverter Valves are suitable for handling any type of powdery or granular material in pneumatic conveying systems.

By means of a electro-pneumatic actuator, which activates the rotating inner drum, the commutation of the tubular exit and, consequently, deviation of the material flow from one duct to another is obtained.

Features

VALVE

- Cast aluminium alloy casing;
- Multi-voltage electro-pneumatic actuator;
- Inflatable seals;
- Operating temperature: - 20°C to 80°C (-4°F to 176° F);
- Operating pressure: max. 3.5 bar (51 PSI);
- Stainless steel version.

ACTUATOR

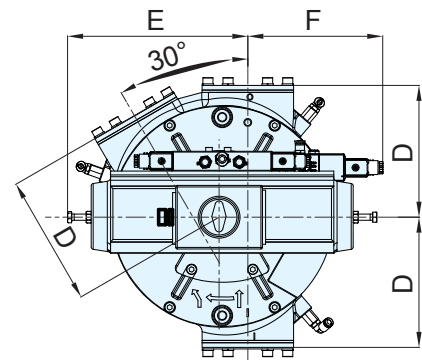
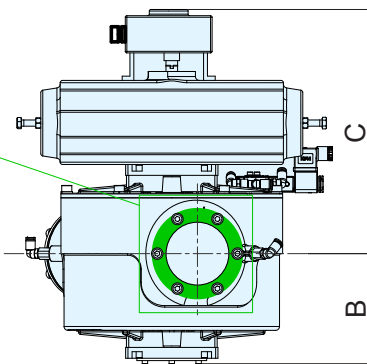
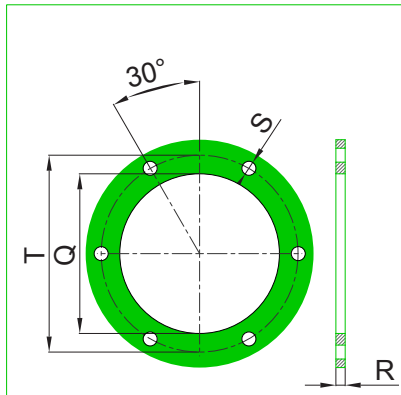
- Voltage supply: 24 V AC, 24 V DC, 110 V AC, 230 V AC;
- ATEX version available for Group II Cat. 1D/3D c T 135°C;

LINE DIVERSION CONTROL CARD

- Operating temperature: -20° C to 80° C (-4° F to 176° F).



Overall Dimensions



Type	B	C	D	E	F	T	Q	R	S
VAR 050	5.3	12.04	6.06	8.54	6.29	3.34	2.04	0.24	0.35
VAR 065							2.63		
VAR 080	5.59	12.83	6.65	10.24	6.85	4.06	3.23		
VAR 100	5.83	13.07	8.23	10.47	6.30	5.00	4.02	0.39	0.43
VAR 125	7.13	15.66	9.53	11.77	7.52	6.22	5.00		
VAR 150	7.76	16.29	10.75	12.01	7.24	7.28	6.22		
VAR 175	8.50	18.46	12.32	17.01	7.76	8.54	6.97		
VAR 200	9.17	19.13	13.31	17.17	7.32	9.65	8.19		

Dimensions in inches

Benefits



Inflatable Seals = Standard

- Inflated while material is conveyed - perfect sealing;
- Deflated during rotation (i.e. material flow diversion), free drum movement and increased seal life;
- Minimised pressure drop inside conveying duct.



Adjustable and Easy to Use as Diverter or Converter

- Compact overall dimensions and lightweight design;
- Easy to install;
- Maintenance-friendly;
- Actuator assembly on both sides of the casing.



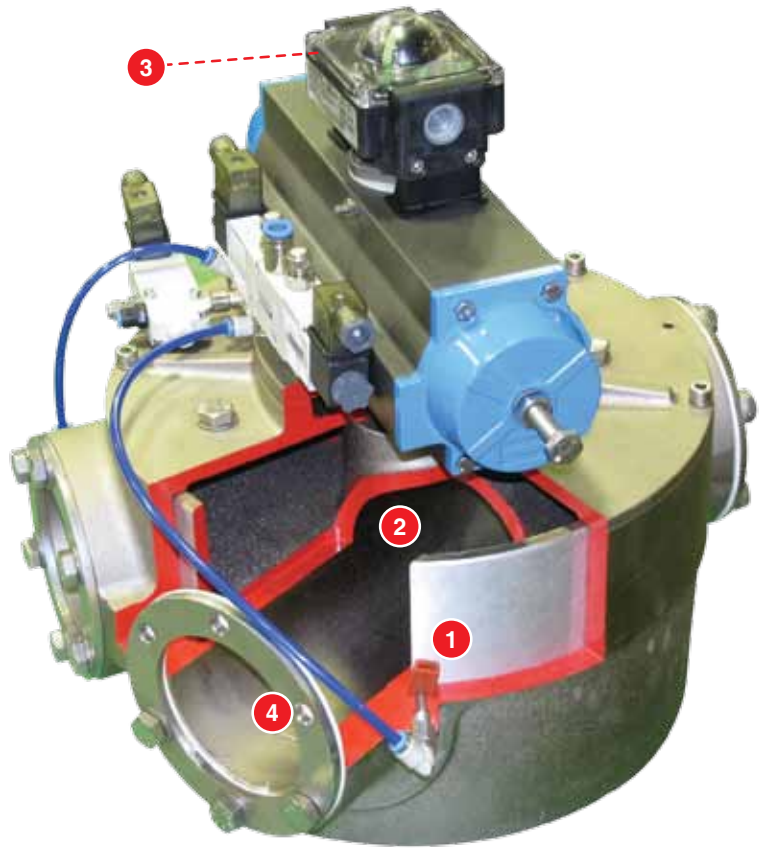
Pneumatic Actuator with Material Flow Direction Indicator

- Visual arrow and mechanically through 2 limit switches.



Stainless Steel Version

- Prevent material contamination
- Suitable for use with mildly abrasive products.



Accessories

Control Card for Duct Change



- Ensures smooth change sequence by coordinating pneumatic actuator operation and internal seals inflation.
- Detects the various stages of operation and provides, by means of a series of output signals, the condition of the valve warning of any malfunction.

Application



VAR Drum-Type Diverter Valves are essential components of all kinds of pneumatic conveying systems in those points where the material flow has to be diverted from one duct to another.



September 2012 Rights reserved to modify technical specifications.



WAM Inc.
Georgia Division
75 Boulderbrook Circle
Lawrenceville, GA 30045

Tel.: (770) 339 - 6767
Fax: (770) 339 - 4727

wamgeorgia@waminc.com
www.waminc.com

WAM Inc.
Texas Division
1300 Triad Blvd.
Fort Worth, TX 76131

Tel.: (817) 232 - 2678
Fax: (817) 232 - 2676

wamtexas@waminc.com
www.waminc.com



UNI EN ISO 9001
Certified Company

www.wamgroup.com