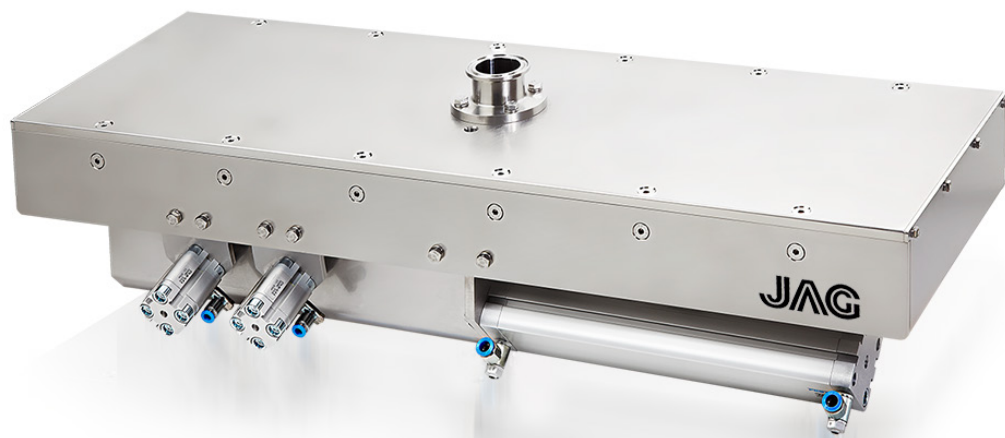


JAG SW Diverter Valve



A product of JAG Jakob AG Process Engineering designed to meet the highest standards

The JAG SW has been developed for use in piping systems in which powder solids are conveyed by compressed air or vacuum.

Suitable for applications where space is at a premium and extremely stringent standards must be met in the pharmaceutical, biotech, chemical and food industries.

Function

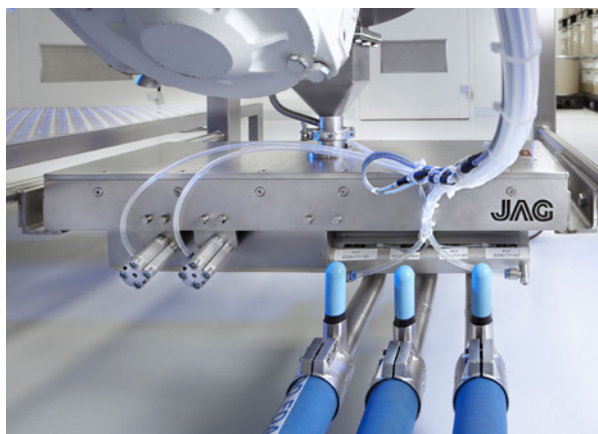
A pneumatic slide system establishes the desired connection. The slide is located by means of pneumatic positioning elements. A pneumatic pressure seal guarantees maximum sealing effect while the product is being conveyed. The pressure seal is actively relieved by a vacuum element for the sliding process.

Features and benefits of the JAG SW Diverter Valve

- Compact design minimizes space requirement
- A pneumatic pressure seal prevents leakage and contamination while the product is being conveyed
- Suitable for use in clean rooms
- Robust and simple design facilitates cleaning and minimizes wear
- CIP/SIP suitable
- Active relief of the pneumatic pressure seal for the slide operation reduces wear

Technical data

General	
Operating temperature	4-40°C
Noise emission	< 80 dB(A)
Slide stroke ranges	80mm / 160mm / 240mm
Material	
Parts in contact with the product	Stainless steel 1.4404/35
Parts not in contact with the product	Stainless steel 1.4301
Standard parts	A2 / A4
Seals in contact with the product	EPDM / PTFE
Seals not in contact with the product	EPDM /NBR
Pneumatic	
Operating pressure general	max. 6,0 bar
Operating pressure Pressure sealing system	2,0 bar - 4,0 bar
Air unions	G1/8" internal thread / hose Ø8/6mm
Driver medium	compressed air processed in compliance with ISO 8573-1, classe 5



Ordering Data

Description	Article number	Configuration
JAG SW diverter valve 1-4 / Ø38	M041.001.049.004	1/4 way
JAG SW diverter valve 1-3 / Ø38	M041.001.049.003	1/3 way
JAG SW diverter valve 2-1 / Ø38	M041.001.049.002	2/1 way

Dimensions

Description	A	B	C	D	E
JAG SW diverter valve 1-4 / Ø38	250 mm	726 mm	Ø38.1 mm	219.3 mm	220.25 mm
JAG SW diverter valve 1-3 / Ø38					
JAG SW diverter valve 2-1 / Ø38					

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