

GEA Powder Systems Rotary Tube Selector Valve

GEA-PHP-RTSV/S2

Rotary tube selector valves are used in powder pneumatic transport to divert product flow from single source to multiple destinations. Flow can also be converged from multiple lines into one line. Multiport Rotary Tube selector valves are often used to replace a series of two-way valves, thereby simplifying the system, and reducing equipment footprint.

The GEA Rotary tube selector valve brings a new level of innovation and design to an integral component of a powder conveying system. The enhanced structural layout provides greater strength and rigidity allowing for regular and reliable operation when changing powder destinations. The new mechanical seals eliminate leakage during operation and provide ease of service. The Rotary tube selector valve modular design is available in 2 through to 6 port versions with 3" to 6" pipe configuration. Any of the models can be hand demountable and are manually cleanable.

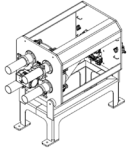
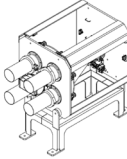
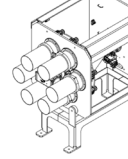
Benefits

- Easy Cleaning
- Modular design
- Can be installed in vertical or horizontal plane
- Multiple installation options
- Parts interchangeable between models
- No Motor Control Centre (MCC) required
- Visibility of internal components (via three windows)
- Designed to comply with hygiene standards

Technical Data Rotary Tube Selector Valve

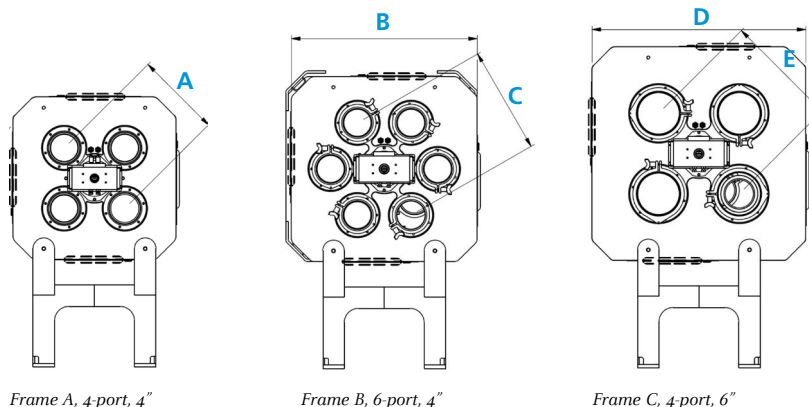
GEA-PHP-RTSV/S2

Product Details / Performance Specs

	Frame A*	Frame B*	Frame C*
			
Machine Interface	Discrete I/O (5V)		
Pneumatics used	Festo		
Electrical requirement	24 V		
Clean in place	Valve and seal materials are able to handle CIP liquids. However mechanical seals may not be sufficient to prevent minor liquid leaks		
Maintenance recommendation	Service every 10,000 cycles or 1 year of operation, (whichever is first)		
Designed to certifications			
Safety	CE, IEC		
Hazardous areas	ATEX, IECEx		
Sanitary / Hygiene	EHEDG**, USDA		
Warranty	2 Years		
Dimensions (L x W x H) mm	770 x 570 x 570	820 x 650 x 650	870 x 750 x 750

* See Configurations (right) to determine which model you are referring to, this depends on # of ports and port sizing.
 ** We follow the EHEDG guidelines for design where practical and use EHEDG components where available and suitable

Dimensions in mm



A	B	C	D	E
300	650	375	750	400

GEA New Zealand

GEA Process Engineering Ltd
 8 Fisher Crescent, Mt Wellington
 Auckland 1060, New Zealand

Tel +64 9 579 2044
 Fax +64 9 579 1121

gea.com/contact
 gea.com



- 1 Ports for powder destination or source
- 2 Windows provide visibility of internal components
- 3 Fully enclosed operating mechanism
- 4 Semi-rotary pneumatic Actuator (90° or 60° turn)
- 5 Flexible mounting options
- 6 Mounting stand can be excluded to allow other mounting options

Port Size	Frame Used			
	3	4	5	6
3"	A	A	A	A
4"	A	A	B	B
5"	B	B	C	C
6"	C	C	C	C

Upgrade Options

Mounting is customizable