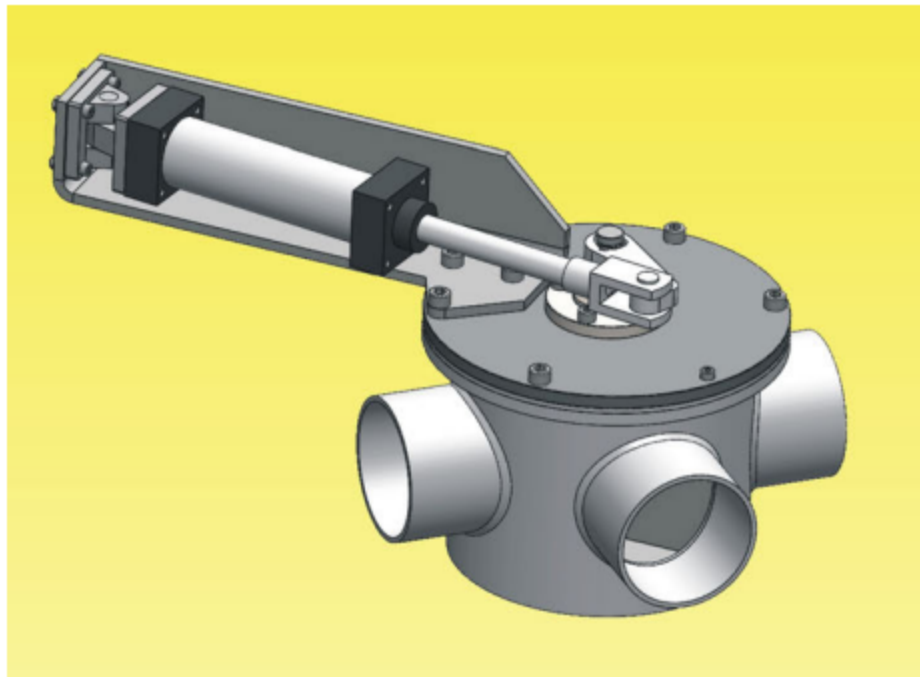




A-FOR
Four-Way Reversing Valve



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A-FOR Four-Way Reversing Valve

Overview

- A-FOR pneumatic four-way valve adapts to regenerative combustion system. Through its periodic reversing operation, the three functions of organizing combustion, direction and flue gas emission are completed at the same time.
- The A-FOR four-way valve is driven by compressed air, and the valve stem rotates 90 degrees to complete the dual air source four-channel switching.
- Under the condition of gas source pressure 0.4-0.6Mpa, the commutation time is less than 0.5s.

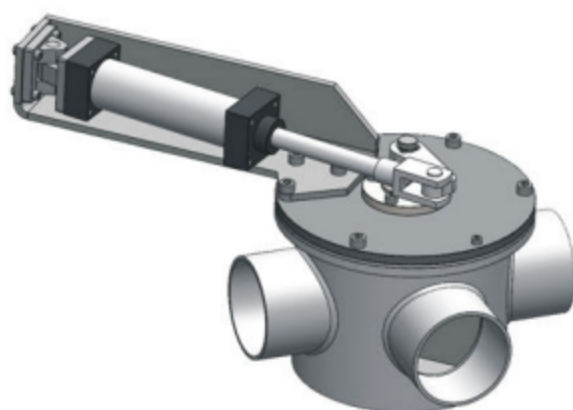


Fig. 1 Four-Way Reversing Valve

Features

- Its fluid resistance is small, and its resistance coefficient is equal to that of the pipe segment of the same length.
- It has the advantages of simple structure, small dimension and light weight.
- It has the advantages of convenient operation, quick opening and closing, and only rotates 90 degrees from full opening to full closing, which is convenient for long-distance control.
- It is suitable for high frequency commutation combustion system.

Technical Parameters of Four-Way Reversing Valve

- Product Structure: Bellows connection.
- Working medium: air, gas, steam;
- Operating temperature: -15°C-300°C ;
- Maximum inlet pressure: 1bar;

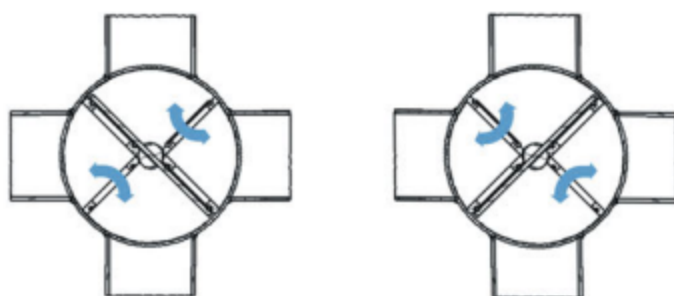


Fig. 3 Flow diagram of four-way valve

Installation dimensions and specifications

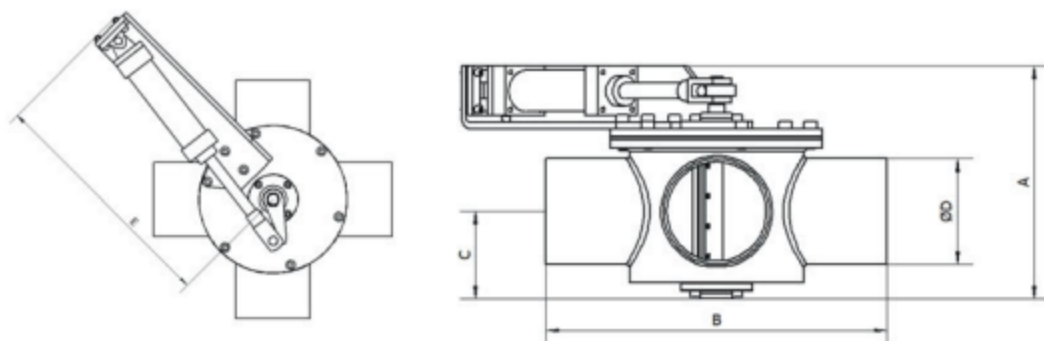


Fig. 2 Outline dimension diagram of four-way valve

Model	Nominal diameter	Dimensions (mm)				
		A	B	C	D	E
Four-Way Reversing Valve D N100	DN100	294	339	132	108	433
Four-Way Reversing Valve D N125	Dn125	294	430	110	133	433

Order code and Model of four-way valve

No.	Order code	Model	Product Description
1	108091000001	Four-Way Reversing Valve D N100	Maximum inlet pressure: 1bar
2	108091250001	Four-Way Reversing Valve D N125	Maximum inlet pressure: 1bar

Precautions for system design, installation and maintenance of four-way valve

- The installation position of the pneumatic line valve should be ensured that the pipeline is in the coaxial position. The two flanges on the pipeline should be kept parallel to make sure that the pipeline can bear the weight of the pneumatic pipe valve itself. If the pipeline is found to be unable to bear the weight of the pneumatic line valve, the pipeline shall be provided with appropriate support before installation.
- Whether there are impurities, welding slag, etc., in the pipeline should be confirmed, and the pipeline must be cleaned.
- Either end of the pneumatic line valve can be installed at the upstream end, and the handle pneumatic line valve can be installed anywhere in the pipeline.