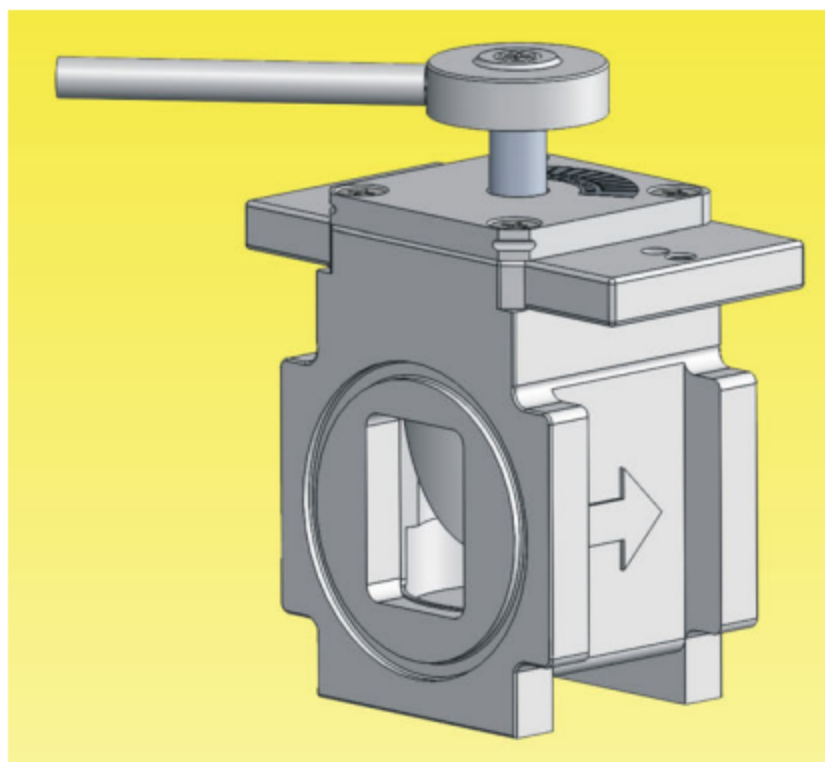




**AFX**  
**Flange Linear Valve**



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## AFX Flange Linear Valve

### Overview

The AFX flange linear valve adopts the principle of rotary valve and sets the required flow rate by controlling the rotation angle of the current limiting cylinder. The gas flow can be limited in a wide range by the current limiting cylinder, which allows the required gas flow to be adjusted optimally without limiting the control precision.

### Features

- Also used for gas or room temperature air;
- Including manual control and automatic control mode;
- Low leakage rate and high linear control accuracy;
- Simple installation and easy to use.

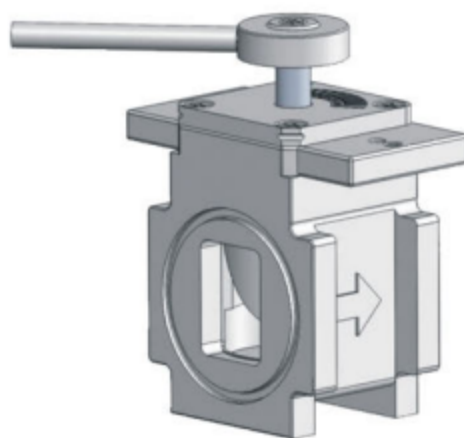


Fig. 1: AFX Flange Linear Valve

### Functions and Applications

- The AFX flange linear valve series is commonly used in situations where fine adjustment of gas flow is required.
- AFX flange linear valves often act as regulating valves for gas or combustion-supporting air lines in front of the burner.

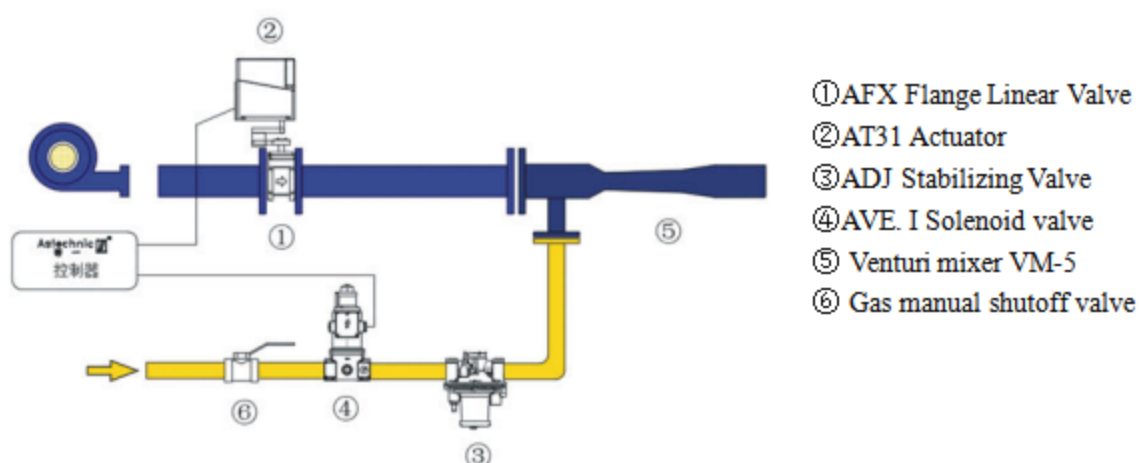
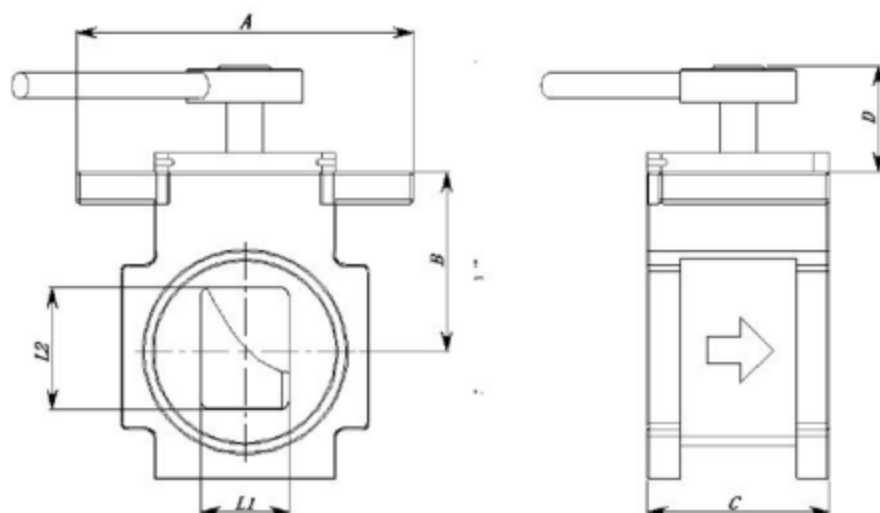


Fig. 2 Installation diagram

Installation dimensions and specifications



No.	Model	Dimensions (mm)					
		A	B	C	D	L1	L2
1	AXF-25	102	66	40	20	20	20
2	AFX-32	102	54.5	55	32	27	37
3	AFX-40	102	54.5	55	32	27	37

Order code and Model of AFX Flange Linear Valve

No.	Order code	Model	Product Description
1	109020251451	AFX-25(45SLFX)	Choke range: 0-50%, POM spool
2	109020251901	AFX-25(90SLFX)	Choke range: 0-100%, POM spool
3	109020252451	AFX-25(45TFX)	Choke range: 0-50%, Copper spool
4	109020252901	AFX-25(90TFX)	Choke range: 0-100%, Copper spool
5	109020320001	AFX-32	POM spool(32PPPP)
6	109020400001	AFX-40	POM spool(32PPPP)

Precautions:

This series of linear valves and pipes are installed with clamp flanges, and the flanges are PN1.6Mpa plate butt-welded steel pipe Series 1 flange in "GB/T9119-2000".