

PA Pneumatic Inline Flow Control Valve



Product Overview

PA is an inline needle valve for precise airflow regulation and pneumatic actuator speed control.

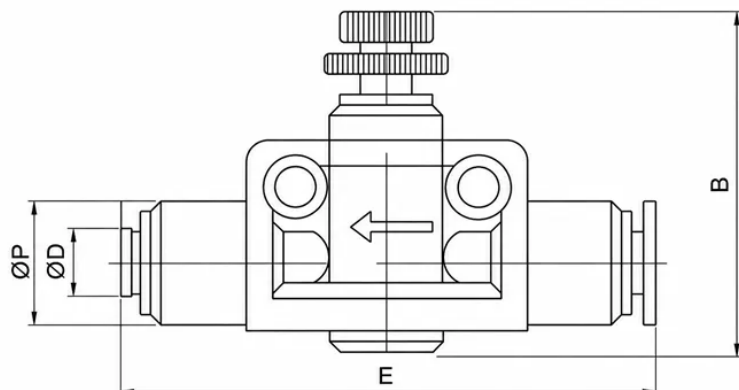
Key Features

- Inline structure for straight pneumatic tube installation.
- Needle adjustment for precise and repeatable airflow control.
- Helps regulate pneumatic cylinder and actuator speed.
- Nickel-plated brass construction for durability.
- Compact configuration for confined air circuit layouts.
- Push-to-connect installation without special tools.

Technical Specifications

Parameter	Specification
Product Type	Pneumatic Flow Control Valve
Structure	Inline Type
Connection	Tube to Tube
Control Type	Needle Valve
Material	Nickel-Plated Brass
Seal Type	Internal Sealing
Operating Fluid	Air
Working Pressure	0 - 1.0 MPa
Temperature Range	0 - 60 °C
Applicable Tubing	PU / Nylon Tube

Model Selection and Dimensions



Model	D x 2	E	B	P x 2
PA-4	4	39.5	29	11
PA-6	6	46	39	13.5
PA-8	8	50	39	16.5
PA-10	10	60	45	19.5
PA-12	12	63	47.5	21.5

Applications

- Pneumatic cylinder speed and airflow regulation.
- Industrial automation and machinery air control circuits.
- Assembly lines requiring stable linear flow adjustment.
- Compact inline installations without direction changes.

Product Function

PA regulates airflow in a straight pneumatic line, providing smooth actuator speed control without changing the tubing direction.

Operating Guidance

- Install the valve in the required airflow control direction.
- Adjust the needle gradually until the desired actuator speed is reached.
- Depressurize the system before tube removal or maintenance.

Contact Information

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