



1. Product Overview

High-performance pneumatic angle seat valve designed for reliable shut-off in industrial installations involving high-pressure steam and corrosive media. The 360° rotatable actuator allows for versatile installation in tight piping configurations.

2. Material Specifications

Component	Material	Notes
Main Body	Stainless Steel 316 (SS316)	High resistance to pitting and crevice corrosion.
Bonnet	Stainless Steel 304 (SS304)	Durable housing for the internal spring/piston.
Sealing Components	Alloyed-PTFE	Chemically inert; handles extreme temperatures.
Actuator Cylinder	Stainless Steel	360° rotatable for easy air line connection.

3. Performance & Operational Data

- **Media Compatibility:** Steam, Aggressive Chemicals (Acidic & Caustic), Water, and Neutral Gases.
- **Anti-Water-Hammer Design:** Engineered to close against the flow or dampen the closing stroke to prevent pressure surges.
- **Maintenance:** Modular design allows for the replacement of internal seals without removing the entire valve body from the line.

4. Maintenance Kit Components

Standard repair kits are available for rapid "in-line" maintenance, including:

- Replacement Alloyed-PTFE seat seals.
- O-rings and piston seals.
- Stem packing sets.