



Slow Start Flow Control Valves

Principle

Designed for mounting on either the FRL or power valve, Parker Prestostart slow start function fittings permit the gradual increase in pressure to a section of the pneumatic system. This prevents shocks to the system that may occur when full system pressure is introduced thus reducing wear and potential damage to components.

Operation

- Mounted on outlet port of FRL to control downstream installation.
- Initial flow through the bolt is controlled by a restrictor and adjustable needle valve.
- When 2/3rd system pressure is achieved the spring is compressed allowing immediate increase to full system pressure.
- When the system is pressurized after an emergency stop all cylinders will return to the position they were in before the system air was vented.

Pressurization speed

Adjustment of the needle valve to regulate the air flow controls the time taken to pressurize the system.

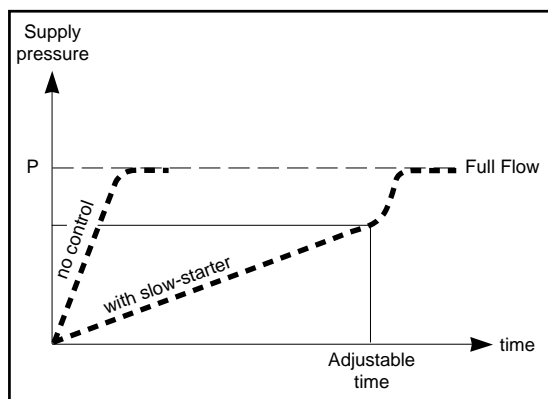
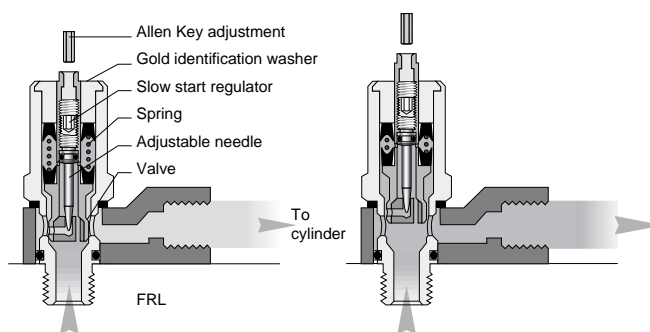
Advantages

- Simplified cabling
- Compact installation
- Reduces wear and damage

Valve Specifications

Maximum Working Pressure: 145 PSI
 Operating Temperature: +5° - +150° F
 Body Material: Brass nickel plated
 Bolt Material: Brass nickel plated

Soft start operation/Full flow



FC902 Slow Start with Threaded Connection

PART NO.	NPT TREADS	H MAX.	H MIN.	F	A	J	L	K
FC902-4	1/4	2.44	2.17	7/8	3/4	.95	1.22	.55
FC902-6	3/8	2.44	2.17	7/8	3/4	.95	1.22	.55

