



Wheelabrator Thompson Valve II

The Thompson Valve® II is a next generation Thompson Valve designed to provide the ultimate in metering performance. It is a normally closed, self sealing, abrasive metering valve with instant, smooth response to either pneumatic or electric deadman controls. This fail-safe valve shuts off abrasive flow to the nozzle and seals the tank at the same instant. A remote abrasive cutoff is available, allowing the operator to stop the flow of media while continuing a constant flow of air. This provides a quick and easy way to clear the blast hose and

blasting area of abrasive. The Thompson Valve II is ideal for multiple outlet use and is easily adaptable to most existing blasting systems. A lower overall profile allows more room between valve and blast pot for easy access.

Building on the original, market leading Thompson Valve, the Thompson Valve II offers an even higher level of performance, enhanced serviceability and longer life. It is the metering valve of choice for abrasive blasting professionals.



Features & Benefits

- Spring is pre-loaded with spring retainer. Allows for easy spring replacement
- Antivibration disk (standard) prevents knob from backing out during use
- Bolt-on cap provides easier service access to piston and piston seal
- Upper plunger seal can be installed upside down to allow for operation with different signal and blast pressures
- Triple plunger seals prevent media from entering piston chamber and extend valve life
- Middle section is separate from cylinder to provide easier removal of sleeve, plunger seals and seat during service
- Seat placed in body allows for easier removal during service
- Base and nipple are integrated into a single piece and are constructed of high strength hardened carbon steel. Eliminates need for insert and O-ring
- Fine micron breather vents in cap prevent dust from entering the piston chamber
- Notches on spring retainer provide more precise and consistent metering capabilities, serving as an indicator
- Redesigned spring provides longer life
- Sloped piston allows unwanted dirt and moisture in the cylinder to drain away from critical areas and threads
- Flats on the inlet ease attachment of valve to tank
- O-ring on sleeve prevents media entrapment, reduces sliding friction
- Clean-out placed directly under inlet provides easy removal of unwanted material
- Larger seat allows for better media flow into the air stream. A shallower seat angle prevents media from being trapped under the plunger, extending part life



technical specifications

The Thompson Valve II, the next generation Thompson Valve abrasive metering valve provides a quick and easy way to clear the blast hose and blasting area of abrasive. Ideal for multiple outlet use, the valve shuts off abrasive flow to the nozzle and seals the tank at the same instant. The Thompson Valve II may also be fitted with an optional remote abrasive cutoff allowing the operator to stop the flow of media while continuing a constant flow of air. Additionally, the lower profile allows more room between the valve and blast pot for easier access.

For more information please contact

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