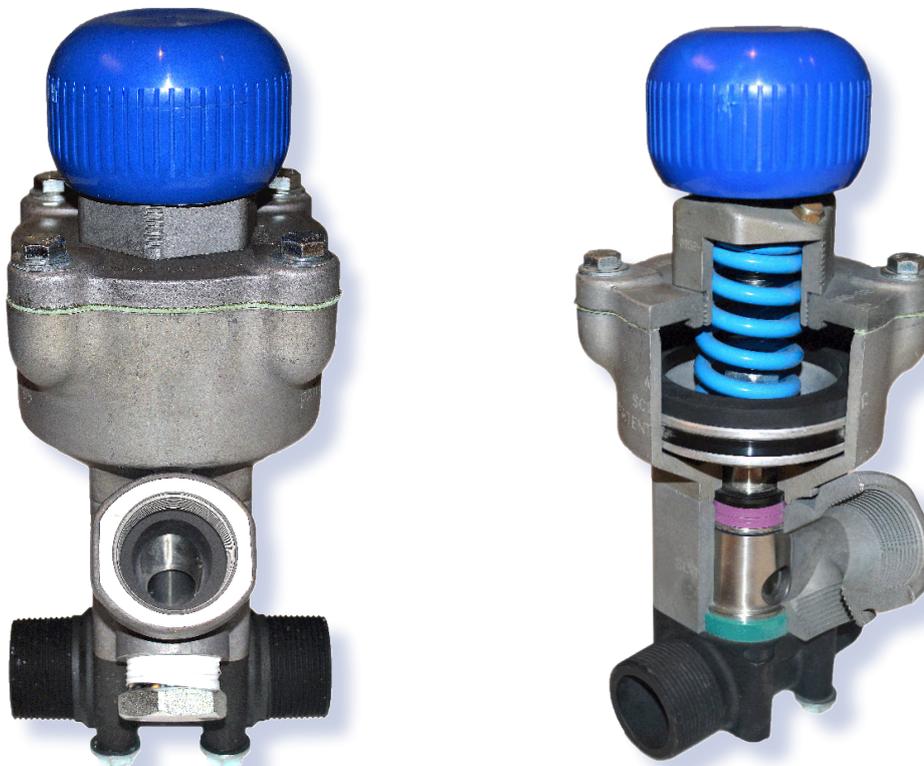


THOMPSON VALVE II

Abrasive Metering Valve



AIRBLAST



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

- Spring is preloaded with spring retainer (not shown). Allows for easy spring replacement
- Triple plunger seals prevent media from entering piston chamber and extend valve life
- Bolt-on cap provides easier service access to piston and piston seal
- A short path helps ensure constant abrasive media flow
- Orifice is sized for precise metering of abrasive
- Rugged, non-corrosive body
- O-ring on sleeve prevents media entrapment, reduces sliding friction
- 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
- Middle section is separate from cylinder to provide easier removal of sleeve, plunger seal & seat during service

Airblast offers a full selection of metering valves. Contact Airblast to discuss which metering valve is most suitable for your specific application.

THOMPSON VALVE II - Abrasive Metering Valve - Parts

Item	Part no.	Description	TC	U	Qty
01	6099010	Control knob			1
02	6099020	Breather vent			1
03	6099030	Spring retainer			1
04	6099040	O-ring	*	**	1
05	6099050	Washer			1
06	6099060	Hex bolt, 3/8" UNC x 1 1/4" Lg.			1
07	6099070	Cap plate			1
08	6099080	Cap gasket	*	**	1
10	6091200	Bump ring			1
11	6099090	Spring			1
12	6099100	Nut			1
13	6091500	Piston seal	*	**	1
14	6099110	Piston			1
15	6099120	Tungsten carbide plunger	*	**	1
16	6099130	Cylinder			1
17	6091900	Plunger seal (1x)			1
18	6099140	Plunger seal (2x)			2
19	6099150	Body			1
20	6099160	Seat			1
21a	6099170	Base 1" NPT			1
21b	6099180	Base 1 1/4" NPT			1
21c	6099190	Base 1 1/2" NPT			1
22	6099200	Hex bolt, 3/8" UNC x 4 3/4" Lg.			1
23	6099210	Plug			1
24	6099220	O-ring			1
25a	6099230	Tungsten carbide sleeve	*		1
25b	6099240	Urethane sleeve		**	1
26	6099250	Sleeve pin			1
	6093800	Repair kit for Tungsten Carbide sleeve, consist of *-marked items			
	6093900	Repair kit for Urethane sleeve, consist of ***-marked items			

THOMPSON VALVE II - Abrasive Metering Valve

Part no.	Description
6093200	Thompson Valve II - 1" w/Tungsten Carbide sleeve
6093300	Thompson Valve II - 1" w/Urethane sleeve
6093400	Thompson Valve II - 1 1/4" w/Tungsten Carbide sleeve
6093500	Thompson Valve II - 1 1/4" w/Urethane sleeve
6093600	Thompson Valve II - 1 1/2" w/Tungsten Carbide sleeve
6093700	Thompson Valve II - 1 1/2" w/Urethane sleeve

