

Technical Data Sheet

Thompson Valve



Note: Read and follow the Blastline Blast machine operations manual and provide proper training for all users of the device in order to achieve a safe and effective blasting operation.

Description

The Thompson Valve, normally closed, self sealing metering valve that can start and stop aggressive media flow while the vessel remains constantly pressurized. This valve is designed for use with an abrasive cut off switch which allows for the blow-down capability and is available with tungsten carbide sleeves. The tungsten carbide service kits will provide you with a complete inventory of high wear items.

Features

- Accurately controls abrasive flow rates for all types.
- Standard urethane insert for common applications not optional tungsten carbide insert for increased durability.
- The design minimizes air turbulence in the mixing chamber and ensures uniform media flow.
- Short path through the mixing valve helps ensure a steady flow of abrasive media.
- Robust, anti-corrosion body.

Parts List

Item	Part no	Description	Qty
1	TV-91000005	Control knob	1
2	TV-91000002	Cap	1
3	TV-91000006	Spring	1
4	TV-91000007	Lock nut	1
5	TV-91000008	Piston seal	1
6	TV-91000009	Piston	1
7	TV-91000010	Tungsten carbide plunger	1
8	TV-91000004	Housing	1
9	TV-91000011	Brass hex nipple	1
10	TV-91000019	Pin	1
11	TV-91000013	O ring	1
12	TV-91000014	Tungsten carbide sleeve	1
13	TV-91000001	Bottom	1
14	TV-91000015	Bolt	4
15	TV-91000012	Plunger seal	1
16	TV-91000016	Urethane sleeve	1
17	TV-91000017	Brush	1
18	TV-91000018	Brush O ring	1
19	TV-91000003	Pipe nipple 1-1/4" M x 1-1/4" M	1

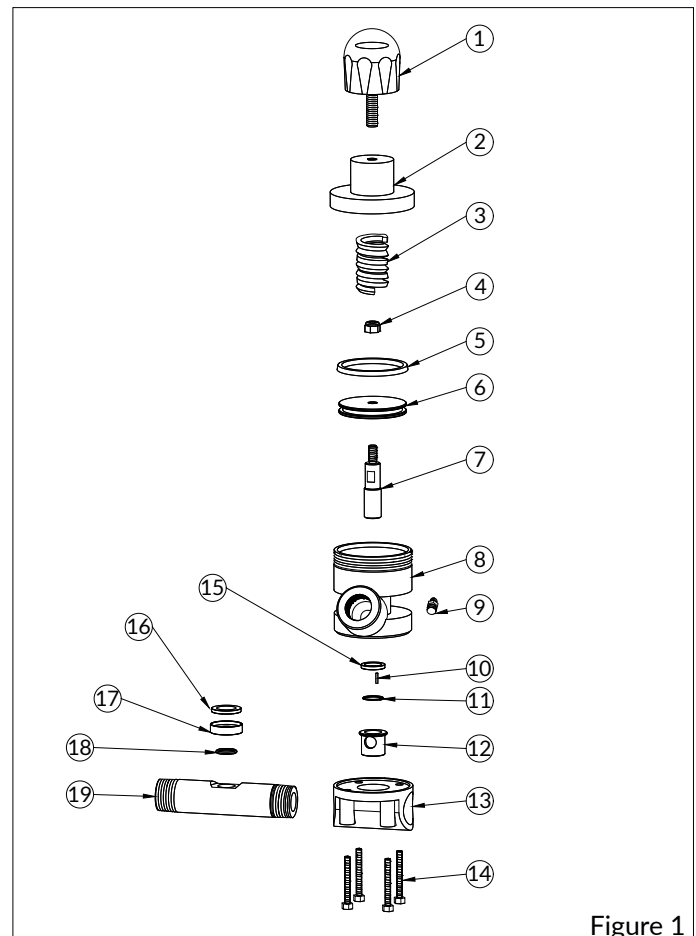
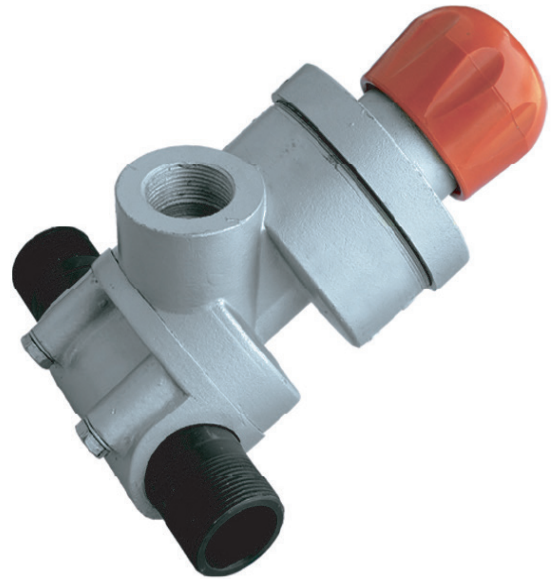


Figure 1

Blastline is committed to continuous product improvement. Specifications are subject to change without notice.