

Excess Flow Valves for Liquid or Vapor Line Service 1519A Series, 1519B Series and A1519 Series

Application

Designed for top installation, in any position, in liquid or vapor service lines. They are intended for long lines or branch piping where tank mounted excess flow valves cannot suffice.

Features

- Precision machined.
- Generous flow channels provide low pressure drop.
- Cotter pin prevents loss of spring retainer due to vibration in service.
- Stainless steel spring provides consistent closing flow and long service life.

Materials

1519A Series and 1519B Series

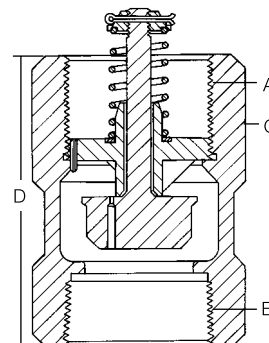
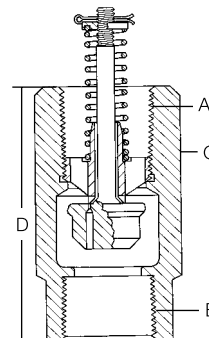
Body Brass
 Valve Poppet w/Stem Brass
 Spring Stainless Steel
 Guide Brass



1519A2, 1519A3, 1519A4, 1519B4,
 A1519A2, A1519A4, A1519B4

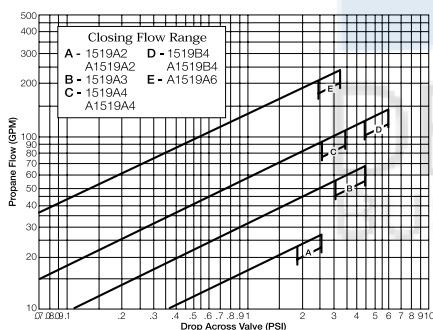
A1519 Series

Body Cadmium Plated Steel
 Valve Disc Cadmium Plated Steel
 Stem Stainless Steel
 Spring Stainless Steel
 Guide Ductile Iron

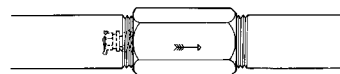


A1519A6

Performance



NOTE: Multiply flow rate by .94 to determine liquid butane flow and by .90 to determine liquid anhydrous ammonia flow.



Typical Installation

Ordering Information

Part Number	Brass or Steel	A Inlet Connection NPT	B Outlet Connection F. NPT	C Wrench Hex Flats	D Effective Length (Approx)	Approximate Closing Flows*		
						Liquid (GPM Propane)	Vapor SCFH (Propane)	
							25 PSIG Inlet	100 PSIG Inlet
1519A2	Brass	1"	1"	1 3/4"	3 1/16"	25	5,000	8,800
A1519A2	Steel							
1519A3	Brass	1 1/2"	1 1/2"	2 1/4"	4"	60	11,500	20,200
1519A4								
A1519A4	Steel	2"	2"	3"	4 9/16"	100	19,000	34,500
1519B4	Brass							
A1519B4	Steel	3"	3"	4"	6 1/32"	133	27,700	50,300
A1519A6								

* Based on horizontal installation of excess flow valve. Flows are slightly more when valves are installed with outlet up; slightly less when installed with outlet down.

NOTE: Multiply flow rate by .94 to determine liquid butane flow and by .90 to determine liquid anhydrous ammonia flow.