

CHECK VALVES

316 STAINLESS STEEL



O-RING POPPET VALVES

Features & Benefits

- Compact length
- Spring-loaded 2 or 10 PSI cracking pressure
- Full range of sizes 1/4" to 1" MNPT or BSP
- All 316 stainless steel construction (Hastelloy C and Alloy 20 available special order)
- Viton® or PTFE O-Rings as standard
- Pressures to 2,500 PSI
- Temperatures -15° to +400°F
- Usable on metering pumps
- Usable as injection line check valves
- Contact Blacoh for custom valve inquiries



BALL CHECK VALVES

Features & Benefits

- Compact length
- Spring-loaded 2 or 10 PSI cracking pressure
- Full range of sizes 1/4" to 1" MNPT or BSP
- All 316 stainless steel construction (Hastelloy C and Alloy 20 available special order)
- Easily disassembled for inspection or cleaning
- Pressures to 2,500 PSI
- Temperatures -15° to +650°F
- Usable on metering pumps
- Usable as injection line check valves
- Contact Blacoh for custom valve inquiries



About 316 Stainless Steel Check Valves

By preventing reverse flow, check valves can be used as one-way valves, injection valves, or to prevent backflow. Check valves allow flow in one direction, automatically prevent backflow when process fluid in the line reverses direction, and will work even if the system loses air or electricity. Installed in the process pipe, check valves are flow sensitive and rely on the line fluid to open and close. The internal ball or poppet functions as a positive shutoff to ensure process fluid does not go back up the line.



Check valves are designed to ensure chemical flow only goes in one direction and can be installed either vertically or horizontally.



The check valve prevents the process fluid from going back up the chemical line as well as the chemical draining into the process.



Robust construction ensures reliability in the rigorous service of municipal and industrial applications.

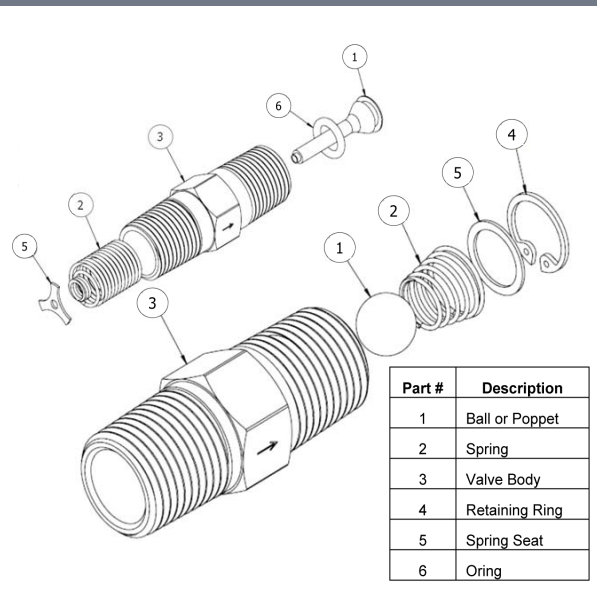
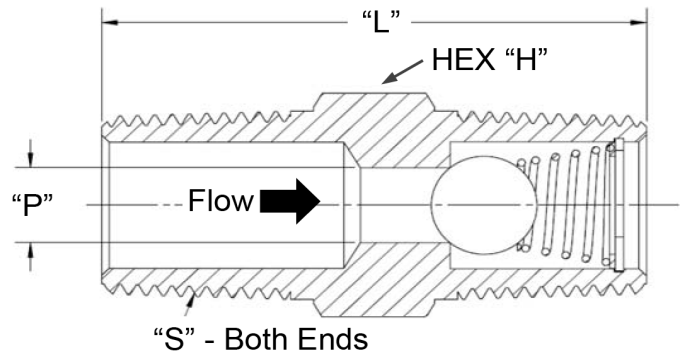
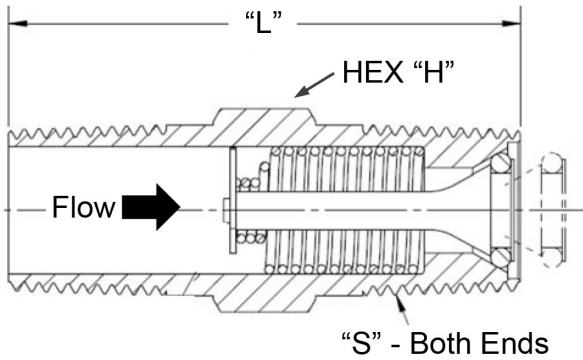


O-RING POPPET VALVES

Valve Size	Cracking Pressure PSI	Item Number	Size "S"	Hex "H"	"L"	CV
1/4"	2	VPV-S25-02	1/4-18	5/8	1.7/8	.46
	10	VPV-S25-10				
3/8"	2	VPV-S38-02	3/8-18	3/4	2 1/8	1.42
	10	VPV-S38-10				
1/2"	2	VPV-S50-02	1/2-14	7/8	2 1/2	1.82
	10	VPV-S50-10				
3/4"	2	VPV-S75-02	3/4-14	1 1/8	2 5/8	6.02
	10	VPV-S75-10				
1"	2	VPV-S10-02	1-11 1/2	1 1/2	3 1/8	12.80
	10	VPV-S10-10				

BALL CHECK VALVES

Valve Size	Cracking Pressure PSI	Item Number	Size "S"	Hex "H"	"L"	Ball	"P"	CV
1/4"	2	VBS-S25-02	1/4-18	5/8	1 1/2	.250	.200	.56
	10	VBS-S25-10						
3/8"	2	VBS-S38-02	3/8-18	3/4	1 3/4	.312	.250	.83
	10	VBS-S38-10						
1/2"	2	VBS-S50-02	1/2-14	7/8	2 1/4	.437	.335	1.49
	10	VBS-S50-10						
3/4"	2	VBS-S75-02	3/4-14	1 1/8	2 1/2	.562	.442	2.98
	10	VBS-S75-10						
1"	2	VBS-S10-02	1-11 1/2	1 3/8	2 3/4	.750	.530	5.65
	10	VBS-S10-10						



Part of the
BLACOHTM
 FLUID CONTROL
 family of products

