



Series
SCV

Spring Check Valve

PVC or CPVC, True Union, Compact Design

NPT	L	D	E	B	Weight lbs (kg)
1/2"	39/64 [15.48]	3-5/16 [84.14]	2 [50.8]	4-13/64 [106.76]	0.5 (0.23)
3/4"	45/64 [17.86]	4-5/16 [109.54]	2-13/32 [61.12]	5-7/64 [129.78]	0.75 (0.34)
1"	29/32 [23.02]	4-45/64 [119.46]	2-13/16 [71.44]	6-7/64 [155.18]	1.5 (0.68)
1-1/4"	25/4 [25.4]	5-39/64 [142.48]	3-5/16 [84.14]	6-29/32 [175.42]	1.625 (0.74)
1-1/2"	1-1/4 [31.75]	6-13/32 [162.72]	3-45/64 [94.06]	8 [203.2]	1.75 (0.79)
2"	1-1/2 [38.1]	7-39/64 [193.28]	4-39/64 [117.08]	9-13/32 [238.92]	3.5 (1.59)
2-1/2"	1-45/64 [43.26]	9-7/64 [231.38]	5-13/16 [147.64]	12 [304.8]	7 (3.18)
3"	2 [50.8]	10-39/64 [269.48]	7 [177.8]	14-5/16 [363.54]	9.5 (4.31)
4"	2-13/32 [61.12]	11 [279.4]	7 [177.8]	14-13/32 [365.92]	19 (8.62)

Series SCV Spring Check Valves provide an exact and reliable control of fluids. The SCV Spring Check Valves prevent reversal of flow in piping systems. They are ideal where backflow could potentially cause damage to pumps, filters, or process equipment. The valves operate without the need for any adjustments or settings. Line pressure moves the plastic cone off the elastomer seat, opening the valve. When the inlet flow stops, a spring moves the cone back onto the seat, stopping the flow. The spring is constructed from 316 stainless steel. All valves feature a true union design that allows for easy removal from a piping system without breaking down piping connections. Just unscrew the two assembly nuts and lift the valve body out of the line. Series SCV Spring Check Valves are the valves of choice for cost sensitive applications that require a full-featured, no compromise value.

FEATURES

- Easy installation and maintenance.
- Rugged, cost effective design.
- May be used either vertically or horizontally.
- O-Rings available in EPDM or FPM.
- Silicone-free construction.

SPECIFICATIONS

Service: Compatible liquids.

Line Sizes: 1/2" to 4"

Process Connections: Socket or NPT female.

Pressure Limits:

1/2" to 2": rated 240 psi (16.5 bar) at 73°F (22.8°C).

2-1/2" to 4": rated 150 psi (10.3 bar) at 73°F (22.8°C).

Wetted Materials: PVC or CPVC with EPDM or FPM O-rings, PP foot valve screen, silicone-free construction, 316 SS spring.

Temperature Limits: PVC: 110°F (43°C), CPVC: 200°F (93°C).

Size	Cv	Model	Body Material	Seal	Connection	Size	Cv	Model	Body Material	Seal	Connection
1/2"	68	SCV-1102D	PVC	EPDM	Socket/Threaded	1/2"	68	SCV-2202D	CPVC	FPM	Socket/Threaded
3/4"	133	SCV-1103D	PVC	EPDM	Socket/Threaded	3/4"	133	SCV-2203D	CPVC	FPM	Socket/Threaded
1"	208	SCV-1104D	PVC	EPDM	Socket/Threaded	1"	208	SCV-2204D	CPVC	FPM	Socket/Threaded
1-1/4"	383	SCV-1105D	PVC	EPDM	Socket/Threaded	1-1/4"	383	SCV-2205D	CPVC	FPM	Socket/Threaded
1-1/2"	667	SCV-1106D	PVC	EPDM	Socket/Threaded	1-1/2"	667	SCV-2206D	CPVC	FPM	Socket/Threaded
2"	850	SCV-1107D	PVC	EPDM	Socket/Threaded	2"	850	SCV-2207D	CPVC	FPM	Socket/Threaded
2-1/2"	1533	SCV-1108T	PVC	EPDM	Threaded	2-1/2"	1533	SCV-2208T	CPVC	FPM	Threaded
2-1/2"	1533	SCV-1108S	PVC	EPDM	Socket	2-1/2"	1533	SCV-2208S	CPVC	FPM	Socket
3"	147	SCV-1109T	PVC	EPDM	Threaded	3"	147	SCV-2209T	CPVC	FPM	Threaded
3"	147	SCV-1109S	PVC	EPDM	Socket	3"	147	SCV-2209S	CPVC	FPM	Socket
4"	160	SCV-1110T	PVC	EPDM	Threaded	4"	160	SCV-2210T	CPVC	FPM	Threaded
4"	160	SCV-1110S	PVC	EPDM	Socket	4"	160	SCV-2210S	CPVC	FPM	Socket