

# Spears PVC Utility Swing Check Valves

## Application

A non-metal check valve for use in systems where the prevention of flow reversal is necessary.

## Features

- Engineered to maximize flow, responsiveness and for positive shut-off
- Compact, space saving design
- Body constructed from PVC
- High grade EPDM seat
- No metal parts
- Excellent for Pool and Spa and general purpose irrigation use
- Suitable for horizontal and vertical up flow installations
- Angled seat and weighted flapper for low-pressure seal
- Slip x Slip socket connections

## Installation

Swing check valves are designed for horizontal installations, but may be installed in the up-flow only vertical position.

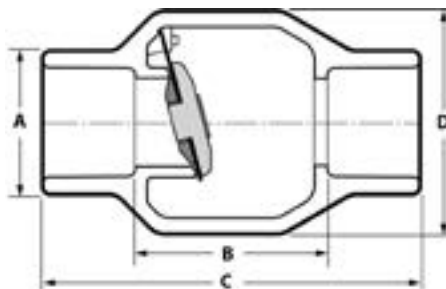
Check valves **MUST** be installed with valve's FLOW direction arrow pointing in the direction of the flow. Do not install the valve in the vertical down flow direction.

Flow velocity should not exceed 1.5 metres per second.

Not for use with Compressed Air or Gas.

## Specifications

- Maximum opening pressure less than 4 kPa
- Maximum pressure at 23°C  
Full flow (open) – 1034 kPa  
Back pressure (closed) – 517 kPa



Dimension $\pm 1.5\text{mm}$				
Nominal Size	A	B	C	D
15	65	103	49	54
20	45	90	49	54
25	59	116	43	67
32	75	140	52	86
40	76	143	62	86
50	92	162	76	108
80	119	214	110	146
100	152	256	133	162

Ordering Information	
Code	Description
S1520-05-A	15 mm PVC Swing Check Valve Slip x Slip
S1520-07-A	20 mm PVC Swing Check Valve Slip x Slip
S1520-10-A	25 mm PVC Swing Check Valve Slip x Slip
S1520-12-A	32 mm PVC Swing Check Valve Slip x Slip
S1520-15-A	40 mm PVC Swing Check Valve Slip x Slip
S1520-20-A	50 mm PVC Swing Check Valve Slip x Slip
S1520-30-A	80 mm PVC Swing Check Valve Slip x Slip
S1520-40-A	100 mm PVC Swing Check Valve Slip x Slip