

BSC(SRS), BSC(DRS), BSC(SXS), BSC(SB), & BSC(SRS-AR) SERIES- SUMP PUMP CHECK VALVE WITH FLEXIBLE RUBBER COUPLING(S)

These valves are one way valves which prevent flow reversal to protect sump, effluent and sewage pumps.

APPLICATIONS:

- 1-1/4" and 1-1/2" sizes can be used for Sump Pump applications. For installation in vertical orientation only.
- 2" size can be used for Sump and / or Sewage applications. For sump pump installations, install in vertical orientation only. For sewage installations, install in horizontal, or 45° angle orientation, flow must be in upward direction, with flapper hinge at top dead centre. This will prevent solids from settling on top of the poppet.

FEATURES:

- Increases energy efficiency by preventing water in the discharge pipe from flowing back into the pit, this eliminates the water from being repumped.
- Large port for high flow capacity.
- Flapper opens 100%.
- 15° angle seat design reduces the distance / time required to fully close the flapper, reducing water hammer and prevents debris buildup, ensuring proper seating.
- Made from durable Acrylonitrile Butadiene Styrene (ABS).
- Straight or reducing flexible rubber coupling(s) included (FRC).
- Two FRCs and four all stainless steel clamps included for SB and DRS series.
- One FRC and two stainless steel clamps included for the SRS(-AR) series.
- For sump checks with Air Release features see pages 4-5.



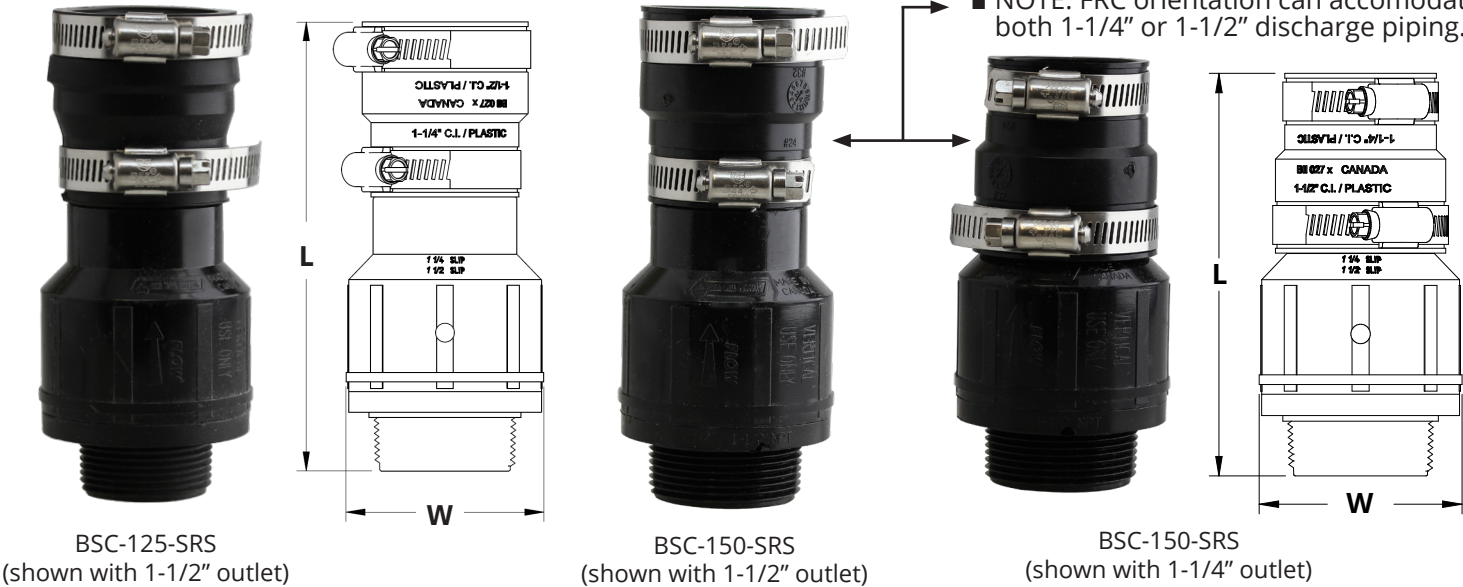
SPECIFICATIONS:

- Flexible rubber coupling (sleeve) installation: 10 feet of head / 4.3 PSI
- Solvent weld installation: 58 feet of head / 25 PSI
- For SRS series, standard part numbers have a drill indicator

RATINGS:

- Maximum temperature rating: 140 °F (60 °C)

■ NOTE: FRC orientation can accomodate both 1-1/4" or 1-1/2" discharge piping.



DIMENSIONS									
Part No.	Inlet	Outlet	Clamp Size	L		W		Weight	
				in	mm	in	mm	lb	grams
BSC-125-SRS	1-1/4" MPT	1-1/4" FRC	#24 (1-1/4" FRC end) & #32 (1-1/2" FRC end)	5.17	131.3	2.61	66.3	0.417	189
		1-1/2" FRC		5.92	150.3				
BSC-150-SRS	1-1/2" MPT	1-1/4" FRC	#24 (1-1/4" FRC end) & #32 (1-1/2" FRC end)	5.18	131.6	2.61	66.3	0.425	193
		1-1/2" FRC		5.93	150.6				



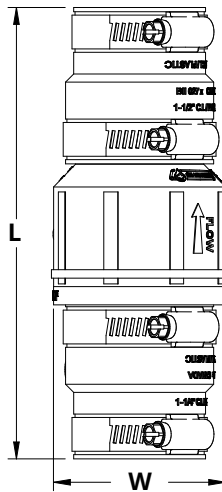
25 Whaley Avenue, PO Box 310, Milverton, ON CANADA N0K 1M0
Tel: 800-561-3164

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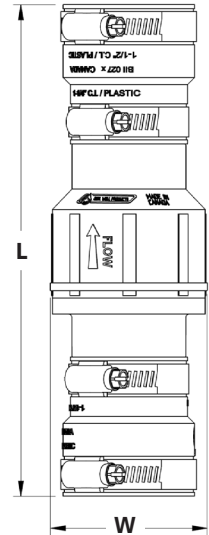




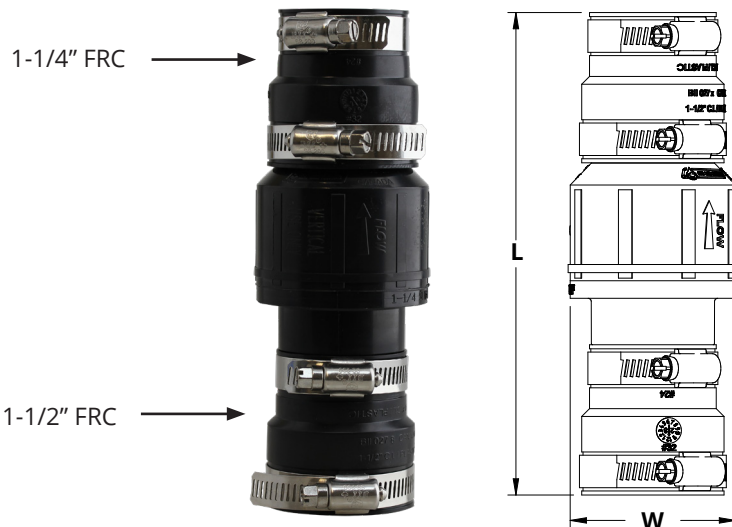
BSC-125/150-DRS
(shown with 1-1/4" outlet)



BSC-125/150-DRS
(shown with 1-1/2" outlet)



DIMENSIONS									
Part No.	Inlet	Outlet	Clamp Size	L		W		Weight	
Standard				in	mm	in	mm	lb	grams
BSC-125/150-DRS	1-1/4" FRC	1-1/4" FRC	#24 (1-1/4" FRC end) & #32 (1-1/2" FRC end)	6.68	169.7	2.61	66.3	0.666	302
	1-1/2" FRC	1-1/2" FRC		8.18	207.8				



BSC-125/150-DRS
(shown with 1-1/2" on bottom, 1-1/4" on top)

Using a 1-1/2" FRC on one end of the sump pump check valve and a 1-1/4" FRC on the other is ideal for applications that require transitioning from one pipe size to another.

DIMENSIONS									
Part No.	Inlet	Outlet	Clamp Size	L		W		Weight	
Standard				in	mm	in	mm	lb	grams
BSC-125/150-DRS	1-1/2" FRC (or 1-1/4" FRC)	1-1/4" (or 1-1/2" FRC)	#24 (1-1/4" FRC end) & #32 (1-1/2" FRC end)	7.43	188.7	2.61	66.3	0.666	302

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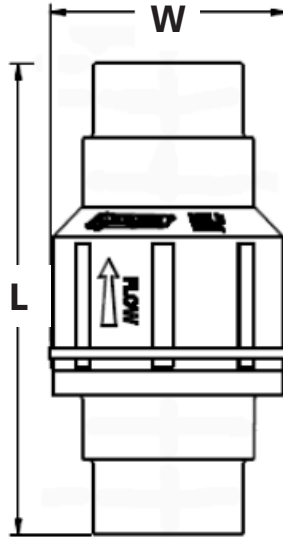
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BSC-125/150-SXS



BSC-150-SXS

These are the base sump check models shown without Flexible Rubber Couplings.

DIMENSIONS									
Part No.	Inlet (spigot*)	Outlet (spigot*)	Clamp Size	L		W		Weight	
Standard				in	mm	in	mm	lb	grams
BSC-125/150-SXS	1-1/4" or 1-1/2"	1-1/4" or 1-1/2"	-	5.20	132.1	2.61	66.3	0.204	92.5
BSC-150-SXS	1-1/2"	1-1/2"	-	4.36	110.7	2.61	66.3	0.189	85.7

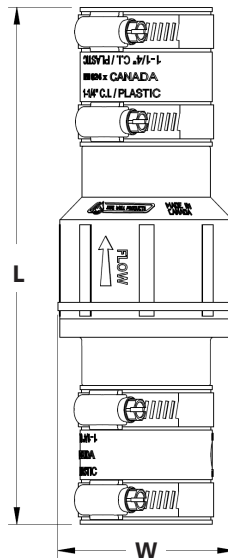
* Spigot is equal to Iron Pipe O.D. Spigot allows solvent welding into a slip connection fitting.



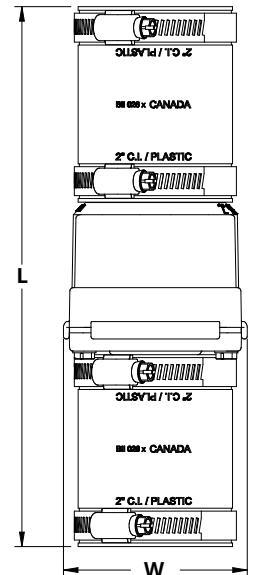
BSC-125-SB



BSC-150-SB



BSC-200-SB



DIMENSIONS									
Part No.	Inlet	Outlet	Clamp Size	L		W		Weight	
Standard				in	mm	in	mm	lb	grams
BSC-125-SB	1-1/4" FRC	1-1/4" FRC	#24 (1-1/4" FRC both ends)	7.68	195.1	2.61	66.3	0.626	284
BSC-150-SB	1-1/2" FRC	1-1/2" FRC	#28 (1-1/2" FRC both ends)	7.24	183.9	2.61	66.3	0.681	309
BSC-200-SB	2" FRC	2" FRC	#36 (2" FRC both ends)	9.32	236.7	3.17	80.5	1.116	506

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BSC SERIES AIR RELEASE MODELS:

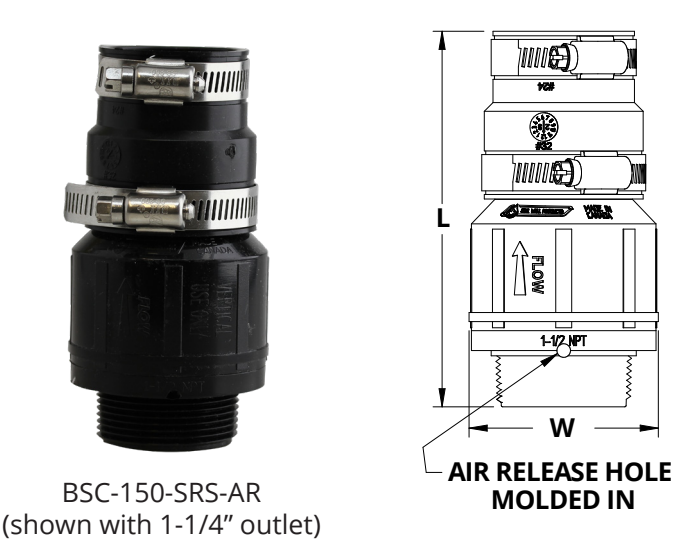
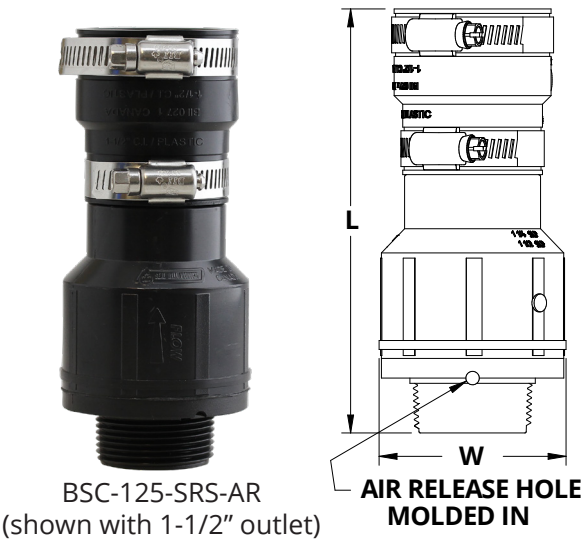
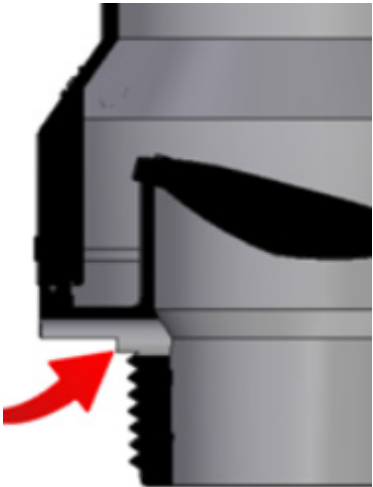
The BSC Series Sump Checks are available with an “Air Release Hole”, also referred to as a weep hole or air vent. -AR part numbers have a **3/16”** molded-in air release hole, which provides a passage way to expel air that can become trapped in the sump pump housing, preventing the pump from priming and removing water from the pit. Standard check valves have a blind tapered hole drill indicator if an installer wishes to create an air release hole.

Typically this hole is either drilled, or pre-molded and then drilled by the installer, in the discharge pipe approximately 5” above the pump discharge connection and below the check valve. It’s purpose is to provide a passageway to expel air that can get trapped in the sump pump housing, preventing the pump from priming and removing water from the pit.

IMPORTANT: Always follow the pump manufacturer’s installation instructions.

Valves with MPT (Male Pipe Thread) connections, designed to thread directly into the sump pump’s discharge, must have the air release hole drilled into the check valve body, above the MPT connection and below the flapper assembly. These new -AR valves with the molded-in air release hole eliminates the time and expense to drill it in to the valve at time of installation.

CAUTION: Not all sump pumps require an air release hole in the valve or discharge pipe to prevent air-locking. Several brands of sump pumps have a specially designed impeller and / or pump casting with a hole drilled in it that prevent the pump from becoming air locked.



DIMENSIONS									
Part No	Inlet	Outlet	Clamp Size	L		W		Weight	
Air Release				in	mm	in	mm	lb	grams
BSC-125-SRS-AR	1-1/4" MPT	1-1/4" FRC	#24 (1-1/4" FRC end) & #32 (1-1/2" FRC end)	5.17	131.3	2.61	66.3	0.417	189
		1-1/2" FRC		5.92	150.3				
BSC-150-SRS-AR	1-1/2" MPT	1-1/4" FRC	#24 (1-1/4" FRC end) & #32 (1-1/2" FRC end)	5.18	131.6	2.61	66.3	0.425	193
		1-1/2" FRC		5.93	150.6				