

**SPECIAL APPLICATION RITE SERIES SA6
FOOT VALVE WITH BASKET
CHECK VALVE ACCESSORY**



OVERVIEW

The Bray Series SA6 foot check valve with basket accessory is designed to strain out debris prior to entry so valve can close as intended. and maintain pump prime.

SPECIFICATIONS

Size Range	NPS 2" to 12"
	50mm to 300mm
Temperature Range	Pending Model Selected
Operating Pressure	Pending Model Selected
Body Style	Wafer Type Valves
Compatibility	Bray 210 Series
Leakage Rate	API 598

APPLICATIONS

> Water

MEDIA

> Water

DESIGN FEATURES

The Bray Series SA6 check valve accessory offers single door check valve design.

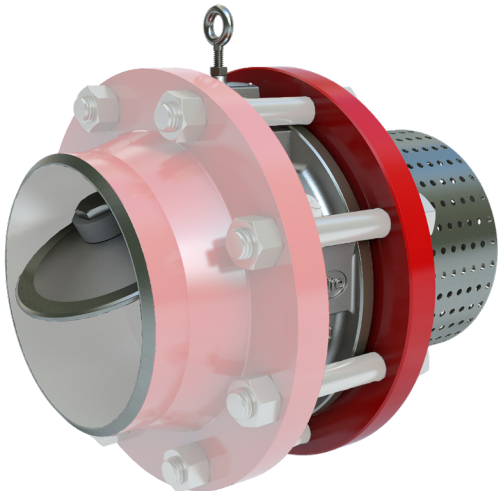
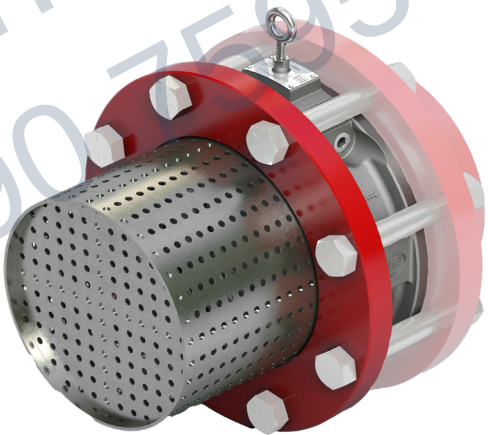
APPLICATION:

The purpose of equipping a standard Bray/Rite Single Door Check Valve with an Inlet Strainer basket, is to filter impurities to the line to ensure valve remains in desired open/closed position, assisting downstream pump to maintain its prime. They are commonly found in pump suction applications at the beginning of a pipeline in a suction lift application.

GENERAL DESCRIPTION:

A Model SA6 is a standard wafer Bray/Rite Single Door Check Valve which has been fitted with an inlet strainer. Foot valves act like check valves but have an open end with a shield or screen over it to block debris from entering the line. The valve opening is designed to be larger than the line itself, minimizing head loss.

***NOTE** Transparent items shown to the right for illustration purpose only to display connection. Customer must supply all transparent items.



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MATERIAL OPTIONS¹

Body	ASTM A216 WCB*
Hinge	ASTM A351-CF8M
Seat (Optional)	ASTM A240 304
Spacer	ASTM A479-316
Pin	ASTM A479-316
Plug	Steel (or as per body)
Lock Nut	Steel Zinc Plated
Eye Bolt	Steel Zinc Plated
Name Plate	SS316
Disc	ASTM A351-CF8M
Rivet	Steel Zinc Plated
O-Ring (Optional)	Buna / EPDM / Teflon / TES / Viton
Flange	Steel or stainless steel (as per customer requirement)
Gaskets	As per O-Ring material
Basket	Steel or stainless steel (as per customer requirement) usually follows body material

Note: ¹Materials available in ASME and EN grades.
Basket supplied with 1/4" perforations, and 11/32" centers.
* Previous Models before July 2024 may have included slightly different material configurations/parts callout lists.
* Other materials available: A126 CLB, A395, A351-CF8M, Monel, Alloy 20, Hastelloy, 254SMO, Titanium.
All external components can be offered in SS where required.
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