



Sanitary Check Valves (W645MP)

This **Spring-Loaded Check Valve** series from *Wayland Industries* boasts several offerings. Full size flow plate. Lower Resistance to Flow. Suitable for low and medium viscosity fluids in sanitary food applications. Two-piece design is held together by single pin tri-clamp. Replacement seats are available – call for details.

- Available in Silicone (standard) and FKM (Viton®) or EPDM available
- Silicone Sealed
Temperature Range: -58°F to 428°F
- Maximum Operating Pressure: 145PSI
- 3-A Certified
- 316L Stainless Steel
- Wetted-contact Surface Finish: ≤ 32Ra



Part No.	Tri-Clamp Size	Seat/Seal Material	Cracking Pressure (PSI)
WD CV-1/2	1/2"	Silicone	3.5
WD CV-3/4	3/4"	Silicone	1.8
WD CV-1	1"	Silicone	4.2
WD CV-1-1/2	1-1/2"	Silicone	2.8
WD CV-2	2"	Silicone	1.3
WD CV-2-1/2	2-1/2"	Silicone	1.3
WD CV-3	3"	Silicone	.5
WD CV-4	4"	Silicone	.5
WD CV-6	6"	Silicone	.5



Air Blow Check Valve

Air Blow Check Valves are commonly found in food processing, beverage, dairy, personal care, pharmaceutical, winery, brewery, pet product, and industrial markets. Air Blow Check Valves are used in sanitary processes to evacuate material and/or inject clean air or gas into a process line. These check valves can be used with Y-Ball Check valves. This line is 3-A Certified. Note: When using air blow check valves with ball check valves, it's recommended to go one size up (i.e. Ball Check Valve Size is 2" then use Air Blow Check Valve that is 2.5").

Features:

- 3-A Certified
- Wetted-Contact Material: 316L Stainless Steel
- 32 Ra Polished Finish
- EPDM Seat/Gasket
- Available in three end connections: quick-connect (standard), female NPT, hose barb
- Max Operating Pressure: 145PSI
- Max Operating Temperature: 212°F



Part No.	Tri-Clamp Size	Seals
WD ABC-150	1" & 1-1/2"	EPDM
WD ABC-200	2"	EPDM
WD ABC-250	2-1/2"	EPDM
WD ABC-300	3"	EPDM
WD ABC-400	4"	EPDM

WE APPRECIATE YOUR
BUSINESS!



Y-Ball Check Valves

Y-Ball check valves are commonly used in sanitary applications to prevent backflow of fluids. When liquid flows through the valve, the ball is forced into the branch of the valve allowing full fluid flow. When fluid flow stops, pressure equalizes, and the ball reverts back to the seat in the near the lower clamp – creating a positive seal to protect against backflow. If reverse flow happens, the differential pressure will cause the ball to seal firmly against the seat, preventing leaks. The Y-Ball Series from *Dixon* is 3-A Certified. This valve can also be used in conjunction with an air blow check valve to evacuate the upstream checked fluid from the process line. Y-Ball sanitary check valves are commonly used in food processing, beverage, dairy, pharmaceuticals, personal care, winery, brewery, pet product, and industrial markets.

Features:

- Available in sizes from 1-1/2" to 3"
- Replaceable Seat
- PTFE Ball Standard
- Vertical or horizontal installation orientation

Specifications:

- Tri-Clamp Connections standard (alternate connections available)
- Max Pressure: 150 PSI
- Fluid Operating Temperature Range: 15°F - 200°F
- Wetted-contact surface material: 316L Stainless Steel
- Wetted-contact surface finish: ≤ 32Ra (alternative finish options available)
- Seal Material Options: EPDM (standard) or FKM (Viton®)
- Ball Material Options: PTFE (standard), EPDM, FKM, NBR



Upper Image is Y-Ball only. Lower Image is Y-Ball with Air Blow Check Installed.

Part No.	Tri-Clamp Size	Seals
DS YB-150E	1-1/2"	EPDM
DS YB-200E	2"	EPDM
DS YB-250E	2-1/2"	EPDM
DS YB-300E	3"	EPDM



Excellent customer service

"I had a small first purchase, but was given attention as though I was making a very large purchase. The gentlemen at the city sales desk was very helpful and knowledgeable I'm so glad I got him to help me. Everything I purchased is usable and I'm very happy!"

Duane