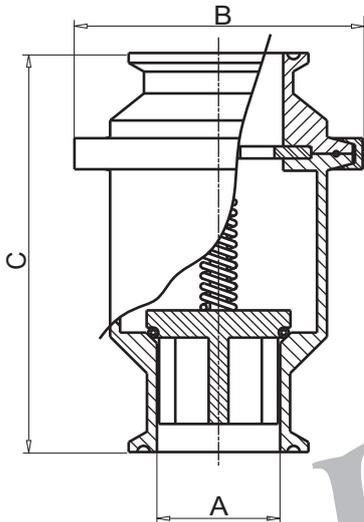


Non-return Valves

PLUG TYPE NRV



Non-return valve is designed for use in stainless steel pipe installations to prevent reverse flow with positive shut off. These valves are specially designed for sanitary application in the pharma, food, beverage, dairy, cosmetics and allied process industries. The valves are offered in plug type and ball type designs.

Plug type NRV

The valves opens when the pressure below the valve plug exceeds the pressure above the plug and the spring force. The valve closes when pressure equalization has been achieved. A higher counter pressure will press the valve plug against the seat. The valve body is in two parts, assembled by means of a clamping and hygienically sealed with a special seal ring. A guide plate guides the spring loaded valve plug with an O-ring seal.

A	Inch	Ø1"	Ø1½"	Ø2"	Ø3"	Ø4"
	mm		25	38	50	75
	B	59	75	89	105	125
	C	100	100	105	110	115

Ball type NRV

Non-return valves are made with one moving part, a rubber ball with a sanitary cover compounded of odorless tasteless, non-toxic synthetic rubber. Valves can be installed in horizontal or vertical positions.

With liquid under normal pressure, the ball easily rolls in to the 'Y' branch, when the liquid flow stops, the ball rolls back. The unique design features an enlarged ball at 60° angle for better seal. Quick-connect clamps permit fast installation or removal for internal cleaning or inspections.

Materials

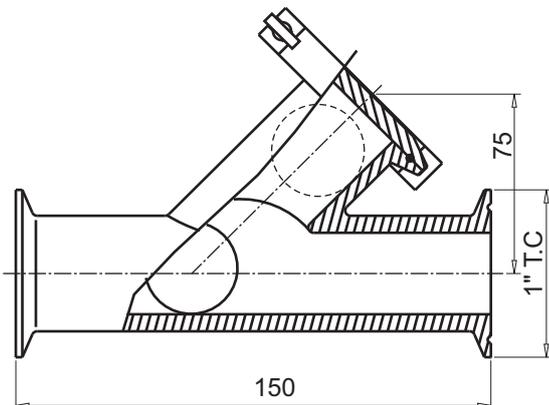
Steel parts: Stainless steel 304/316/316L
 Seal rings: Silicon rubber
 Ball : Silicon rubber
 Plug : Stainless steel
 Finish: Electropolished to 240#

Connections

The valve is available with welding ends or tri clamp /SMS/IDF/DIN ends

Technical data

Max. product pressure: 1000 kPa (10 bar).
 Max. temperature: 200°C .
 Min. temperature: -100 C.



BALL TYPE NRV