

NR-010 PN 10



Check Valve with Removable Cover 1½" , 2"

Description

The NR-010 Check Valve is compatible for installation on horizontal and vertical pumps or boosters. The check valve allows for one-directional flow and prevents the return flow of the liquid to its source. It provides quiet closure and total sealing of the sealing face.

The check valve is designed for free flow of water without interference and with minimal head loss.

Applications

- After pumps/boosters
- Filtration systems
- Swimming pools (requires compatible seals)
- Greenhouses

Main Features

- Maximum working pressures: 10 bar.
- Maximum working temperature: 60° C.
- The valve body and disc are made from composite materials which are resistant to highly abrasive conditions and durable in environments using corrosive liquids such as sea water and brine.
- The spring and sealing assembly mechanism is outside of the cross-sectional flow and can be replaced without removing the valve from the pipeline.
- Female threaded BSPT or NPT for easy and secure connection to the pipeline.
- Removable cover allows for easy cleaning, maintenance, and seal replacement without removing the valve from the pipeline.

Valve Selection

- The NR-010 is available in diameter sizes 1½" & 2"

Options

- Available with a reed switch that transmits a contact signal upon the start of flow or its discontinuance (pump safety mechanism), Model NR-010-LS.
- Available with up to four 1/8" side ports for measuring pressure / pressure release cocks/command lines for external controls.

Note:

- Upon ordering, please specify: model, size, working pressure, threads standard and type of liquid.
- For maximum compatibility, it is recommended to specify the composition of the liquids and requirements of the system.
- For check valve selection and placement, use the A.R.I. recommendation page or contact our customer service department.

DIMENSIONS AND WEIGHTS

Nominal Size	Dimensions mm			Weight Gr.
	A	B	C	
NR-010 1½"	134	149	34.5	605
NR-010 LS 1½"	134	197	34.5	635
NR-010 2"	134	157	40	620
NR-010 LS 2"	134	205	40	650

PARTS LIST AND SPECIFICATION

No.	Part	Material
1.	Magnet Cover	Reinforced Nylon
2.	Reed Switch Sensor	
3.	Magnet Shaft	Acetal + Steel
4.	O-Ring	BUNA-N
5.	Spring	Stainless Steel SAE 302
6.	Spring Housing	Acetal
7.	Cover	Reinforced Nylon
8.	O-Ring	BUNA-N
9.	Shaft Housing	Acetal
10.	Shaft	Stainless Steel SAE 316
11.	Seal	E.P.D.M.
12.	Disc	Reinforced Nylon
13.	Body	Reinforced Nylon

HEAD LOSS

