



NR-010

PN 10



Wafer Style Check Valve

Description

The NR-010 check valve is compatible for installation in horizontal pumps or boosters for gardening and agriculture, to prevent the return flow of water to its source and to provide quiet closing and total sealing of the sealing face.

The NR-10 check valve is designed for free flow of water without interference and with minimal head loss.

The valve is made from composite materials to withstand highly abrasive conditions and to ensure long-term service in corrosive liquid environments such as seawater, brine and chlorine water.

Applications

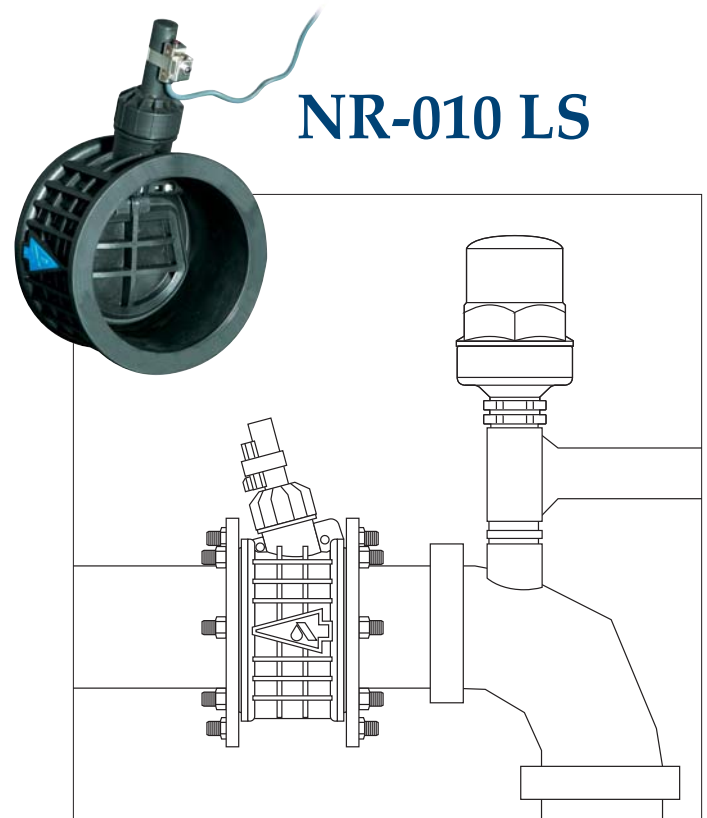
- After pumps/boosters.
- Foot check valve for pumping from ponds.
- Filtration systems.
- Swimming pools.
- Fertilizer systems.

Main Features

- Working pressures: Up to 10 bar.
- The body of the valve is made from composite materials.
- The valve connects between flanges.
- The valve is supplied together with seals for flanges.
- The spring assembly mechanism is outside of the flow cross-section and can be replaced without removing the valve from the line.
- Maximum working temperature: 60°C.

Valve Selection

- The NR-10 is available in diameter sizes 3", 4".
- The valve is 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.
- The valve is also available for pressures of up to 16 bar, Model NR-020.

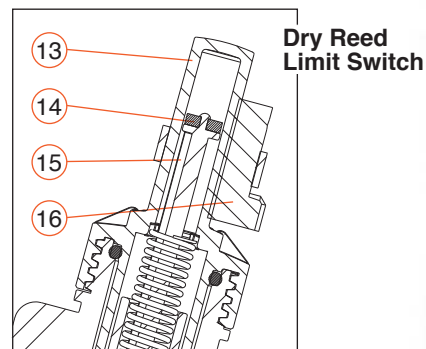
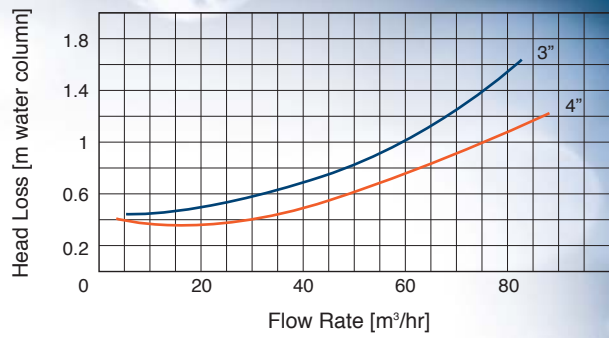


NR-010 LS

PARTS LIST AND SPECIFICATION

No.	Part	Material
1.	Body	Reinforced Nylon
2.	Disc.	Reinforced Nylon
3.	Seal	Rubber E.P.D.M.
4.	Bolt (x2)	Stainless Steel SAE 316
5.	Shaft	Stainless Steel SAE 316
6.	Shaft Holder	Acetal
7.	Pusher	Acetal
8.	Spring Cover	Reinforced Nylon
9.	O-Ring	BUNA-N
10.	Spring	Stainless Steel SAE 316
11.	Arrow	Polypropylene
12.	Flange Seals	Rubber E.P.D.M.
13.	Spring Cover	Reinforced Nylon
14.	Magnet (x2)	
15.	Magnet Holder	Acetal
16.	Dry Reed Limit Switch	

HEAD LOSS



DIMENSIONS AND WEIGHTS

Nominal Size	Dimensions mm			Weight Gr.
	A	B	C	
NR -010 3"	75	172	132	571
NR -010 LS 3"	75	219	132	580
NR-010 4"	85	191	151	732
NR-010 LS 4"	85	238	151	740

