

NR-010 check valve (1½" - 2")

A.R.I.



For smaller line diameters, the successful NR-010 line has a special model in 1½" and 2". This is a plastic, spring-loaded clapper check valve with female screw thread connection. The NR-010 has a maximum pressure of 10 bar. This check valve is easy to open on the upper side by unscrewing the cover. This type promotes quiet closing and limits water hammer.

This check valve has a completely free passage and hence low head loss, a particular benefit in intake lines. Thanks to its special soft seals and an extra smooth sealing surface, this check valve closes even with extremely low pressures.

APPLICATION

- ✓ In pressure and intake lines, also for protection of filters, in flushing systems for irrigation (e.g. Kameleon-High)

CHARACTERISTICS

- ✓ Suitable up to 10 bar
- ✓ Easy to open
- ✓ Glassfibre-reinforced plastic housing
- ✓ Low closing pressure
- ✓ Free passage and low susceptibility to clogging
- ✓ Resistant to most types of water used in green house horticulture, such as rain, ditch and drain water

TECHNICAL DATA

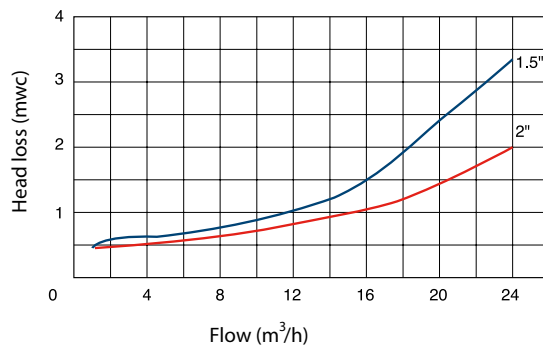
Diameters	: 1½" and 2" (BSPT, female thread)
Head loss	: see chart
Min. working pressure	: 0,05 bar
Working pressure	: up to 10 bar
Min. capacity	: 1,0 m ³ /h
Closing pressure	: 0.2 mwc
Material	: see table and drawing
Max. temperature	: 60°C (with decreasing maximum pressure)
Certification	: REACH

Size and weights

Size/type	Dimensions (mm)*			Weight (kg)	Kv-value (l/min)
	A	B	C		
1½"	134	149	34,5	0,605	700
2"	134	157	34,5	0,620	900

* see drawing

Head loss



INSTALLATION & MAINTENANCE

- ✓ Ensure that the valve is positioned in the correct flow direction.
- ✓ The valve can be installed both horizontally and vertically.

Parts list and drawings

No.	Description	Material
1	Spring	St.St. 302
2	Spring housing	Acetal
3	Cover	Reinforced nylon
4	O-Ring	Buna-N
5	Shaft Housing	Acetal
6	Shaft	St.St. 316
7	Seal	EPDM
8	Disc	Reinforced nylon
9	Body	Reinforced nylon

