

Customer Value through Innovation



# Check Valves

Anka Nylon Check Valves



## Nylon Check Valves

The Anka plastic check valves minimise the development of reverse flow that may damage pumps. It restricts flow to only one direction (spring return to close). It has a compact and robust plastic design and is useful, where a height differential exists between the pump and the water source.

It is an inexpensive way to make sure that a single centrifugal pump is primed every time it cycles and can be installed in any orientation, but direction of flow is specific. If it is installed with a filter screen it can be used as a foot valve.



### Non-Corrosive

- Constructed from non corrosive materials.

### Innovative Design

- Filter cage can be installed to make a foot valve.

### Spring-Loaded

- Can be installed on any angle.

## Specifications

- Maximum pressure rating: 1600 kPa.
- Minimum pressure required for opening valve: 55kPa.

## Applications

- Pumping.
- Irrigation.
- Agricultural.
- Industrial.

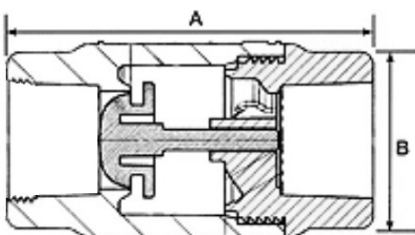
### Parts & Materials

Body	Glass Fibre Reinforced Nylon
Spring	316 Stainless Steel
Plunger	Acetyl
Seat	Nitrile Butadiene Rubber (NBR)
O-Ring	Nitrile Butadiene Rubber (NBR)

## Installation

- Sealing threads should be joined with Teflon thread tape or an appropriate sealing compound.
- Can be installed in any orientation, but direction of flow is specific.

## Dimensions



### Check Valve - Spring Loaded

Size (mm)	20	25	32	40	50
A	85	90	110	122	139
B	46	54	64	74	90

## Range

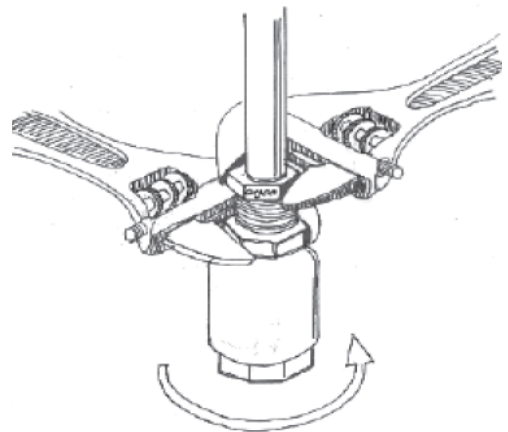


### Check Valve - Spring Loaded

PART NUMBER	ITEM NUMBER	PRODUCT SIZE
ACV20	08372514020	20MM
ACV25	08372514025	25MM
ACV32	08372514032	32MM
ACV40	08372514040	40MM
ACV50	08372514050	50MM

## Check Valve Installation

- Male threaded BSPT fittings should either be fitted with thread tape in accordance with the instructions below or a non-hardening sealant in accordance with the manufacturer's instructions.
- Excessive thread tape or overtightening will distort the fitting which may lead to spiral leakage from the installation.
- Spanners are desirable when hexagonal collars are free or a strap wrench for use on polyethylene pipe and risers, stillson's are not recommended for nylon fittings or poly pipe.
- Thread engagement should initially be tightened by hand to exhaustion and then finished by mechanical tightening for the last two revolutions.
- If the static pipe or line end has a tendency to rotate during fitting a swivel union should be installed.



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