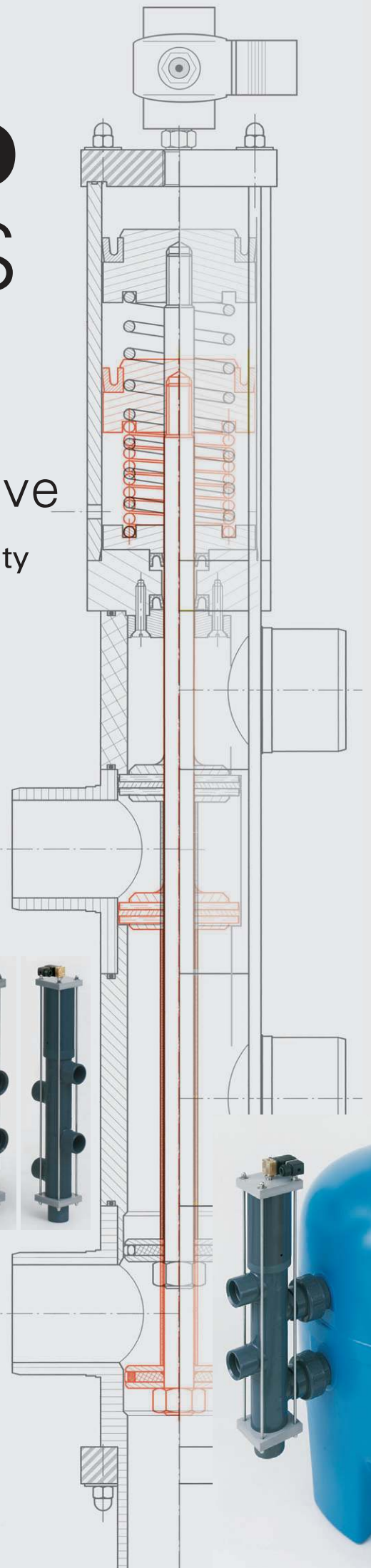


# besgo VALVES

## Automatic backwash valve

- Outstanding reliability
- Low pressure drop
- Switch-over without stopping the pump



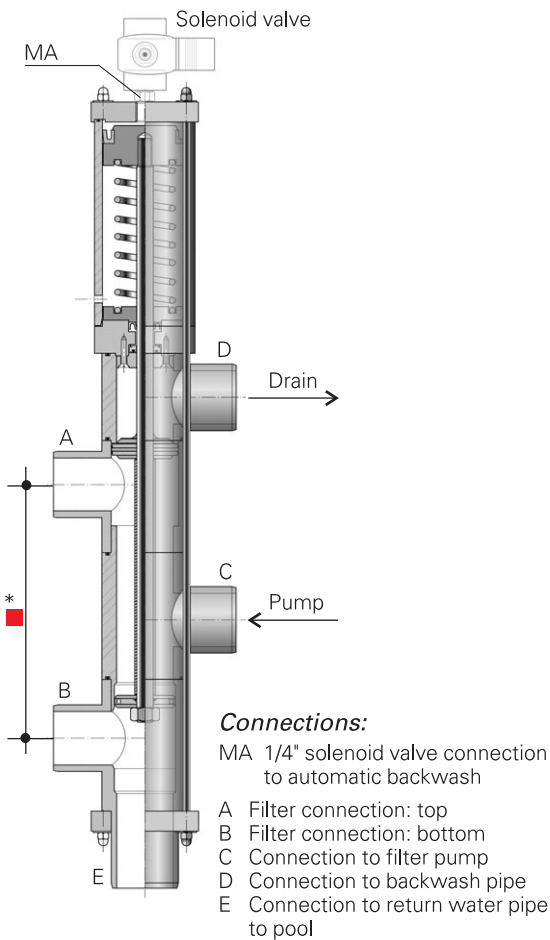
# besgo VALVES

## Automatic backwash systems

**besgo-VALVES** are pneumatic valves. They can be operated with water or air pressure. The operating pressure should lie between 3.5 - 6.0 bar. Sizes DN40/d50 to DN125/d140.

### Advantages:

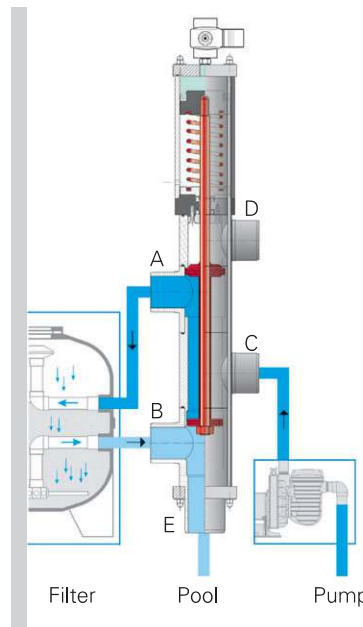
- Outstanding reliability  
The automatic backwash valve opens by means of water pressure and closes under pressure from a spring. In the eventuality of electrical failure the Besgo valve returns automatically to the «Filter» position. Unintentional draining of the pool is not possible
- Switching over from «Filter» to «Backwash» does not require the filter pump to be stopped.
- Low pressure drop  
This results in a high velocity backwash which is particularly important for an almost pressure-free backwash.



■ \*besgo-standard dimensions for all customary types of filter

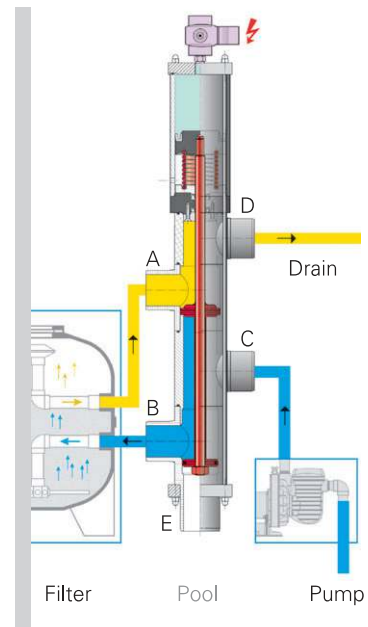
### FILTRATION

Solenoid valve closed



### BACKWASHING

Solenoid valve open



### Technical Information

#### Material

Body: PVC-U  
 Inner parts: stainless steel V4A  
 Seals: Viton/Teflon

#### Actuation

Closing when not under pressure  
 spring-activated

#### Actuating pressure

3 to 5 bar mains water or compressed air

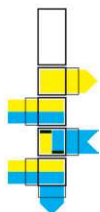
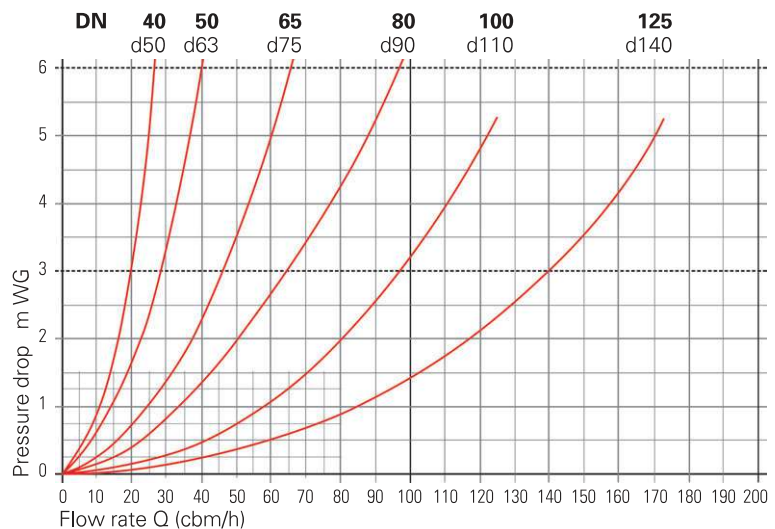
#### Operating pressure

max. 3.5 bar

#### Solenoid valve

The solenoid valve serves to control the hydraulic drive system and can be connected to any customary control system. Closed when electric power off. Electrical connection: 230 V/50 Hz

### Low pressure drop automatic backwash systems



**besgo-VALVES**  
 EASY – SAFE

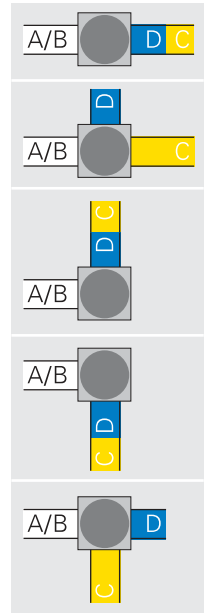
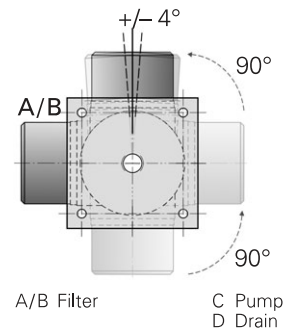


## Changing the direction of connections C and D

If the pipe work is not parallel to the unit, the connection unions **C** and **D** can be rotated through 90 degrees. Additionally a fine adjustment of  $\pm 4^\circ$  is possible. This guarantees an installation free from any tension.

### Advantage:

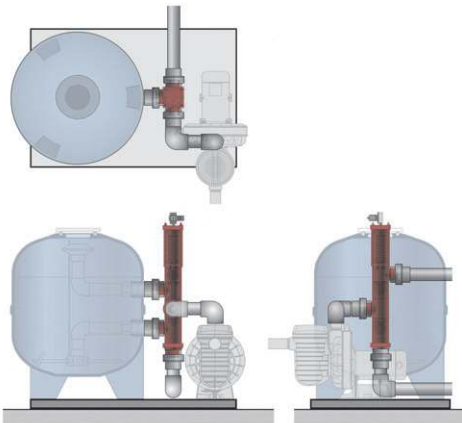
It is possible to adjust the connections on the unit at any time.



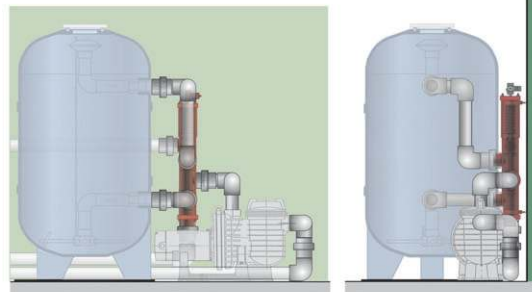
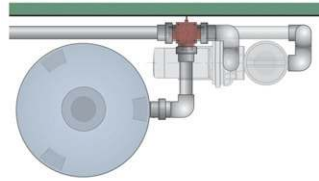
## Installation

All connections to the automatic backwash system can be glued outside (slip connections). The connections leading to the automatic backwash valve should be made using threaded connections or flanges (breakable couplings) and must be installed free from any tension.

**besgo** valves (DN65 to DN125) should be attached to the wall on site using pipe clamps.



Fitting to the filter for DN40 / DN50 / DN65



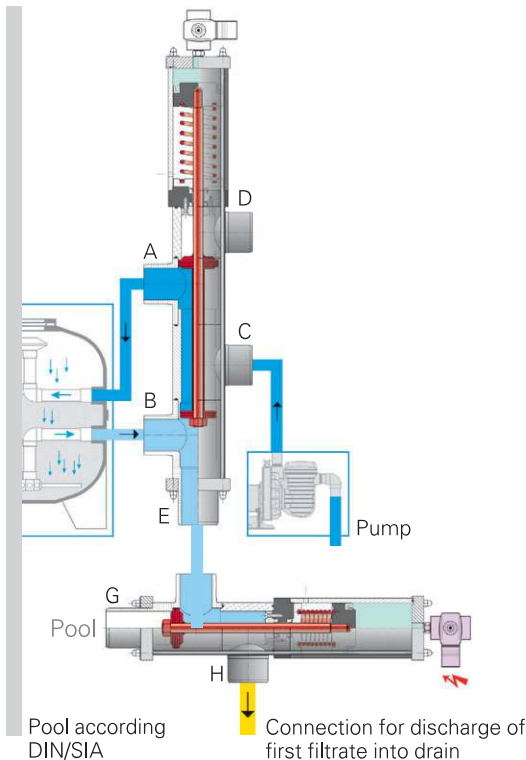
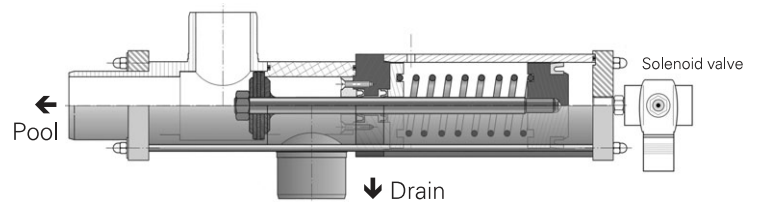
Mounting besgo on the Wall



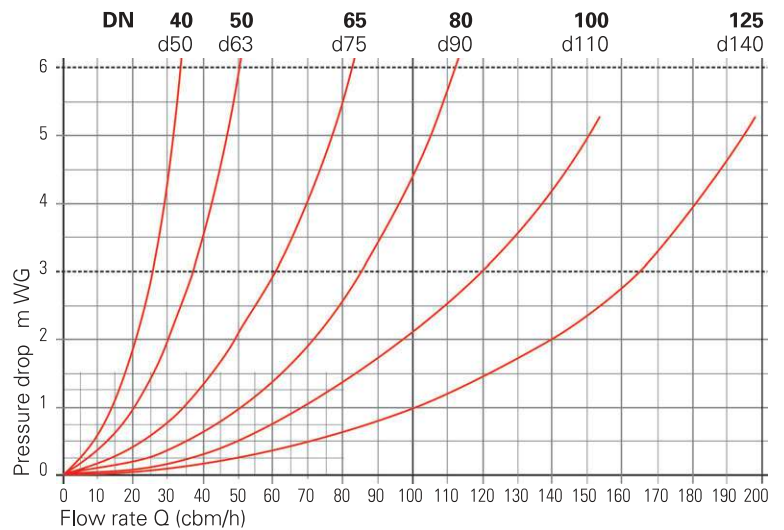
## besgo 3-way-valves

### RINSING

Solenoid valve of main besgo closed  
Solenoid of 3-way besgo open



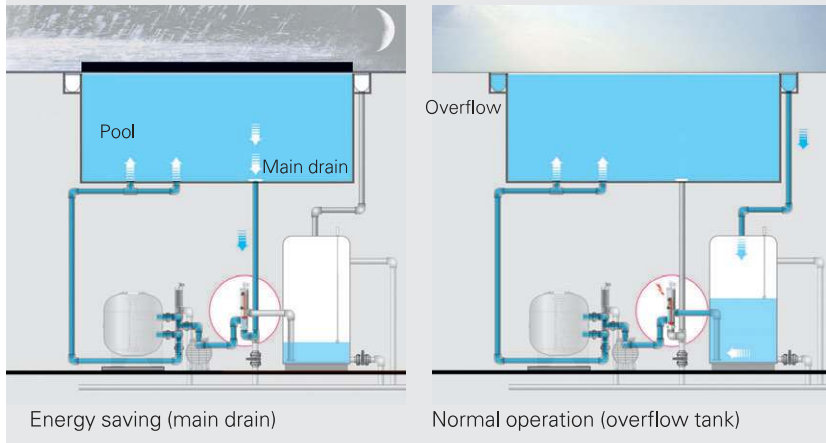
### Low pressure drop 3-way valves



# Save energy and money with the **besgo** 3-way valve



■ For automatic switch over  
Energy saving → Normal operation

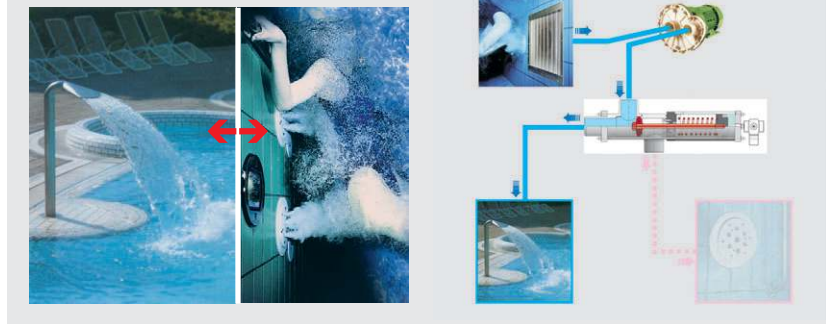


## Further applications with **besgo** 3-way valves

■ With two 3-way valves, for automatic switchover  
– swimming pool – whirlpool



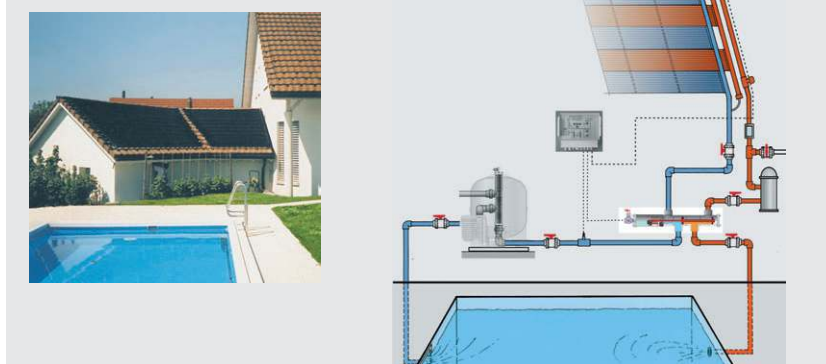
■ With 3-way valve for automatic switchover of  
two water attractions



## For all sand filters – **besgo**-VALVES



With 4-way valve, for automatic switchover  
– swimming pool – solar heating system



Your specialist dealer:

For further information: [www.besgo.ch](http://www.besgo.ch)

besgo-VALVES, a swiss quality product to aqua solar ag