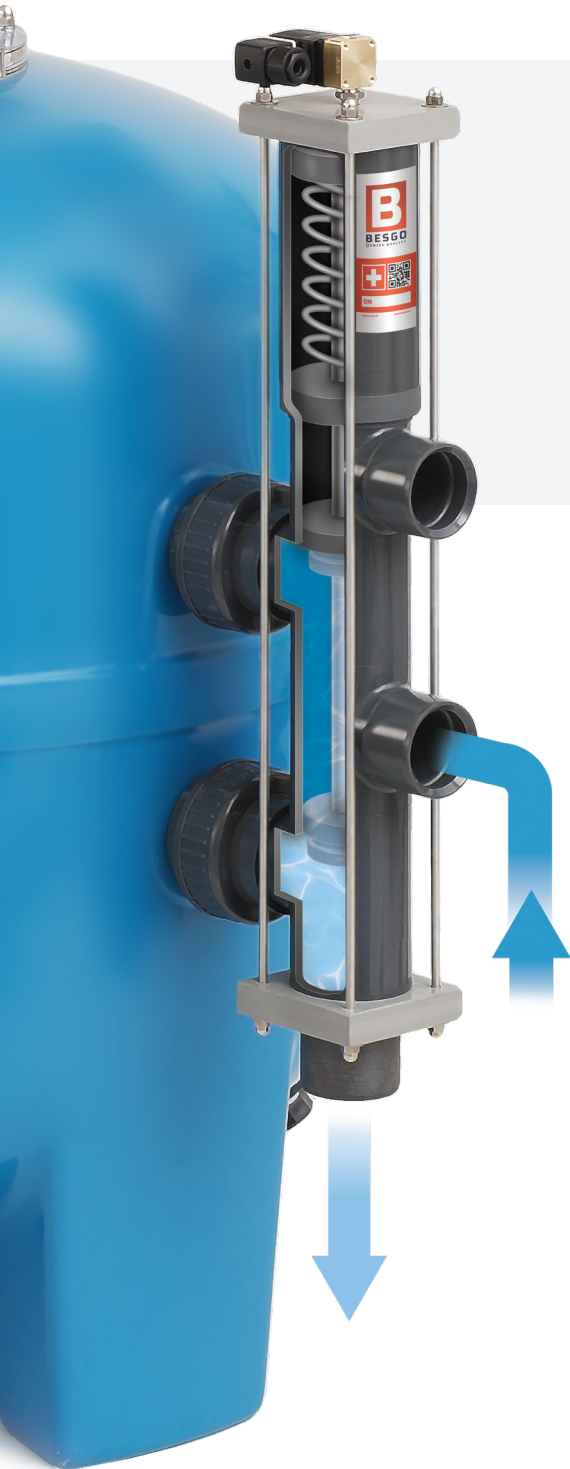




# BESGO

 SWISS QUALITY



## AUTOMATIC BACKWASH VALVES MADE IN SWITZERLAND

Manufactured in Switzerland since 1980, the **Besgo 5-way valve** is a **pneumatic valve** that automates your sand filter backwashes in an efficient, simple and safe way. Thanks to a higher backwash speed than traditional 6-way valves, the **Besgo 5-way valve** guarantees superior backwash results and allows you to take full advantage of your pool by reducing the time spent on maintenance.

### BESGO VALVES BENEFITS:



**Low pressure drop:** Offers higher backwash velocity & efficiency than traditional 6-way valves.



**High installation flexibility:** Can be fitted directly on the filter or mounted on a wall (90° rotating connections)



**Very safe to operate:** The valve returns automatically to "Filtration mode" in case of electrical failure.



**Fast switchover:** The filtration pump does not have to be stopped during the switchover.



**Swiss Made:** High quality product providing outstanding reliability. TÜV Rheinland certified / GS mark (Tested safety).



**Adapted to all sand filters - up to 2 meters in diameter:** Valves available from DN40 (50mm) to DN125 (140mm)

Thanks to regular and powerful backwashes, **Besgo** creates the conditions for crystal clear water of the highest quality. **Besgo** is compatible with all types of pool water treatments including salt electrolysis systems.



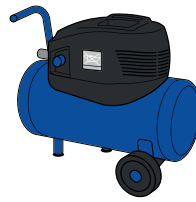
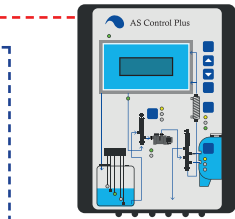
**2** YEAR  
WARRANTY

# OPERATION OF THE BESGO 5-WAY VALVE

The **Besgo 5-way valve** works automatically and can be operated either by water or air pressure. A connection to the water network or a small air compressor will provide the 3.5 bars required.

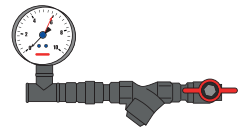
To program and activate the solenoid valve, a simple 230V electric controller / timer is sufficient.

The solenoid valve receives the electrical current and opens, the incoming pressure compresses the spring inside the **Besgo valve** and starts the backwash process. The backwash process lasts as long as desired, as long as the solenoid valve receives electrical current. In the event of an electrical failure, the **Besgo valve** returns automatically to its "Filtration" position. An involuntary draining of the pool is therefore not possible.



Connection to an air compressor

Or



Connection to the water network (pre-filter installation unit required)

## Filtration mode

Solenoid valve closed



## Backwash mode

Solenoid valve open



### Technical information

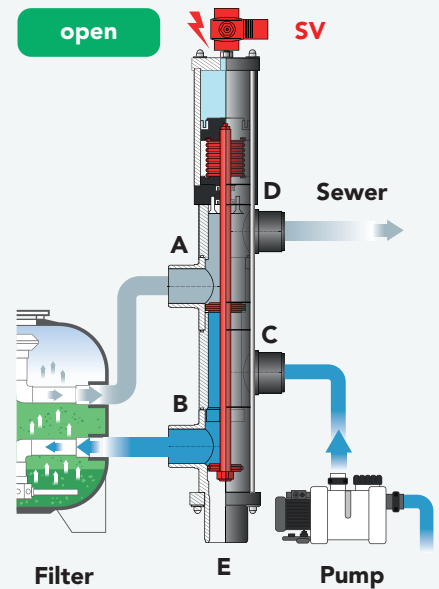
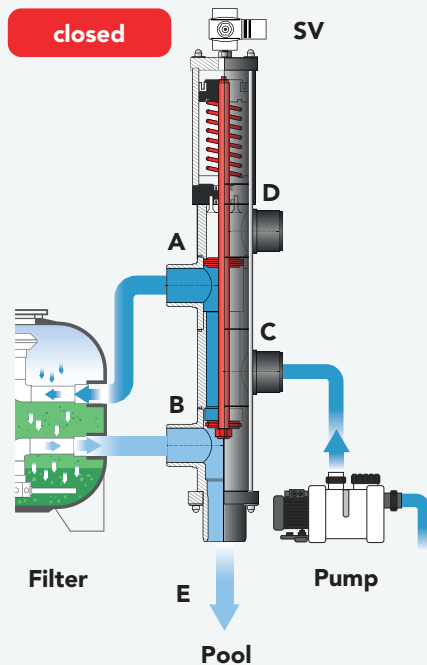
#### Control pressure

3,5 to 6 bars  
(pressurized water or compressed air)

Electrical connection:  
230V/50Hz



The circulation pump does not have to be stopped for the switchover process

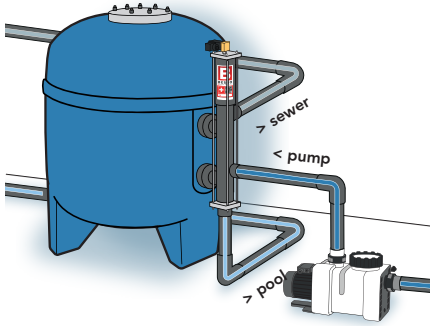
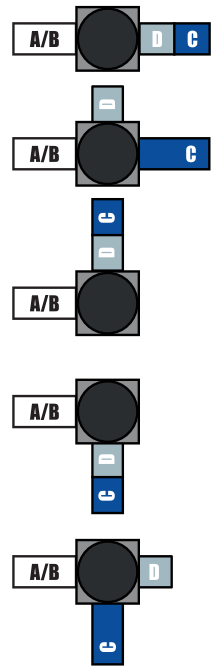
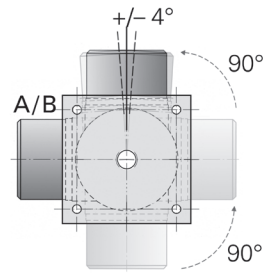


- |                                    |  |  |
|------------------------------------|--|--|
| <b>SV</b> Solenoid valve           | <b>B</b> Filter connection (outlet)        | <b>D</b> Connection to the backwash pipe (sewer) |
| <b>A</b> Filter connection (inlet) | <b>C</b> Connection to the filtration pump | <b>E</b> Connection to the pool (filtered water) |

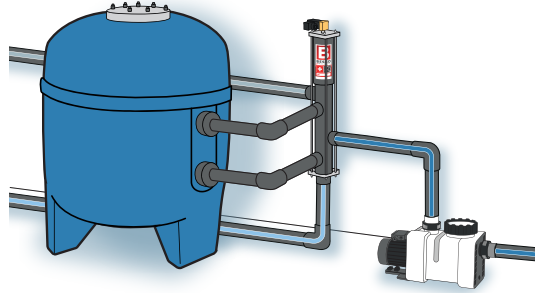
# INSTALLATION FLEXIBILITY

## Changing the direction of connections C and D

If the pipework is not parallel to the unit, the connection unions C and D can be rotated by 90 degrees. In addition, a fine adjustment of  $\pm 4^\circ$  is possible. This guarantees an installation free from any tension. All **Besgo valves** have to be glued on the outside and should always be installed with detachable connections such as screw connections or flanges. This makes service work or replacement easy.



Fitted directly on the filter



Mounted on the wall (recommended for big valves)

## Besgo valve material

Body in PVC-U.  
Inner parts in stainless steel  
V4A / 316.

Viton® / PTFE seals - ozone resistant.

The seals made with great care guarantee flawless operation of the valve.



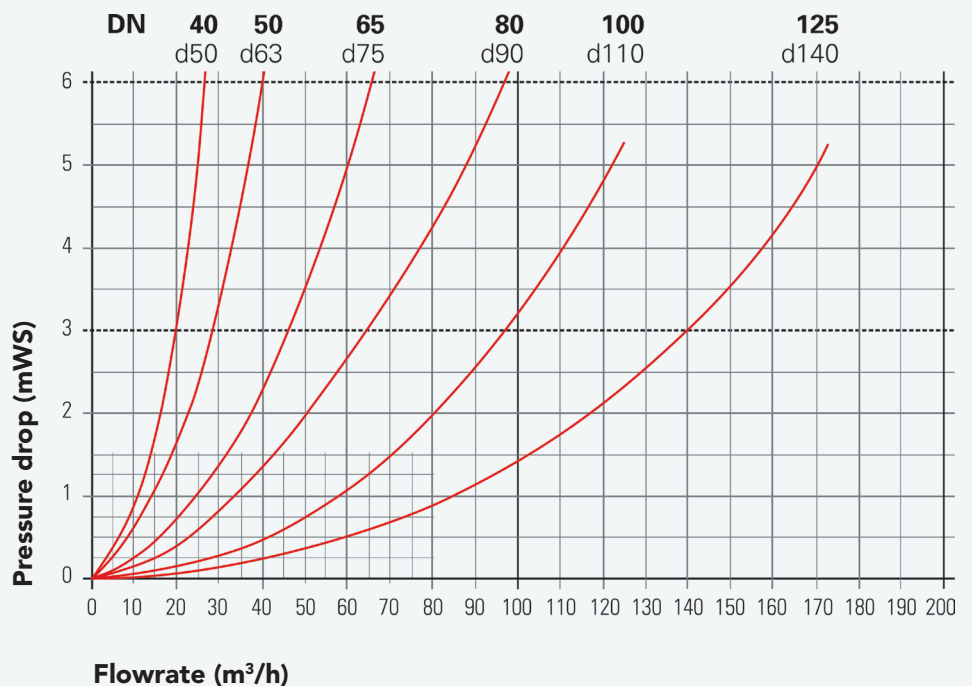
Axial seal



Radial seal

## The best backwash results

The low pressure loss allows a high backwash speed offering better backwash results than traditional 6-way valves or butterfly valves of similar size.





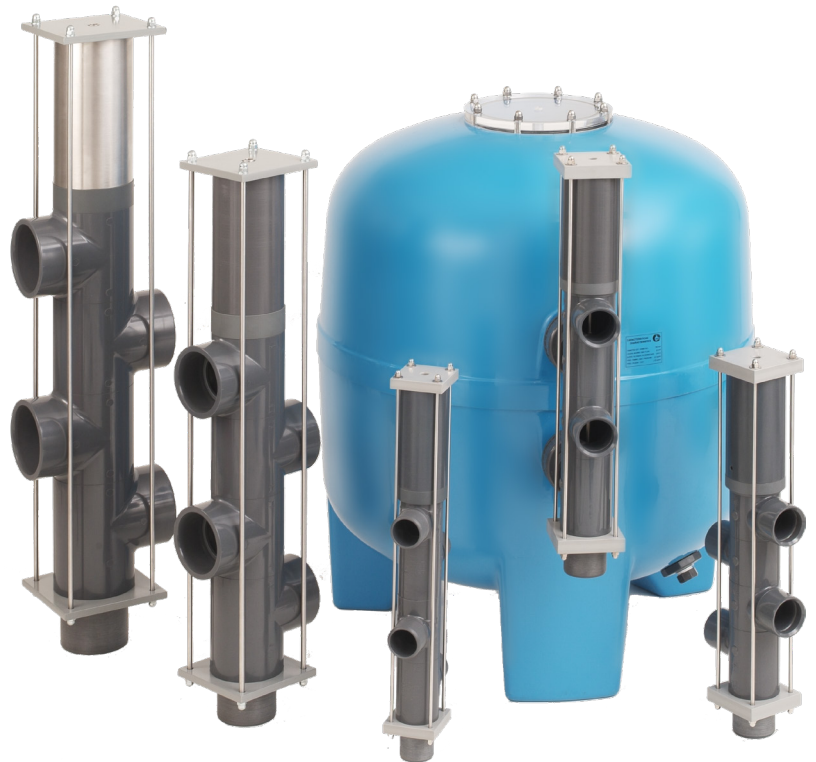
# You



 Watch our **BESGO** installation video



 Watch our **BESGO** commercial video



Available in diameters from d50 mm to d140 mm

For all sand filters:



[WWW.BESGO.CH](http://WWW.BESGO.CH)

Your partner: