

# BUTTERFLY VALVES

When installing a Profit butterfly valve with **wafer end** (model WBV) the flow may be from either direction and the valve may be positioned in any direction.

When installing a Profit butterfly valve with **grooved end** (model GBV) the valve should be connected to the piping system with approved grooved couplings and fittings. Please use Profit lubricant on the gaskets in each coupling. The flow may be from either direction, and the valve may be positioned in any direction.

## Handling

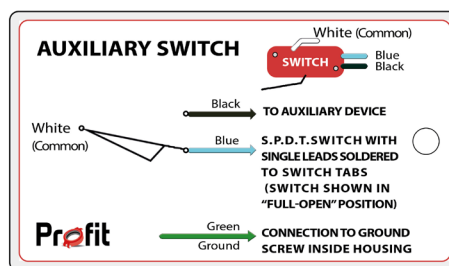
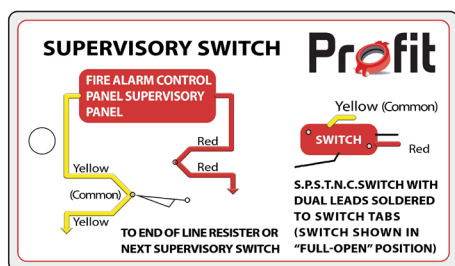
Valves using elastomer parts must be stored against light and heat. When the valves are received from the supplier, they should be handled carefully to avoid breakage and damage to the seating area.

## Installation

Butterfly valve, wafer end (WBV)	Butterfly valve, grooved end (GBV)
<ul style="list-style-type: none"> <li>A Profit butterfly valve with wafer end may be installed with PN10, PN16, ANSI150 and ANSI300 flanges. The two connecting flanges must be aligned.</li> <li>The suspended piping shall be fixed appropriately in accordance with the rules, to avoid improper stress after installation of the valve.</li> </ul>	<ul style="list-style-type: none"> <li>A Profit butterfly valve with grooved end may be installed with any schedule of pressure class of pipe that is listed or approved for fire protection.</li> <li>Please check carefully if the connections, materials, rated pressure and rated power supply specifications of the butterfly valve correspond to the operating environment.</li> <li>Piping between two grooved surfaces must be parallel and concentric.</li> </ul>

- The inlet and outlet pipe adjacent to the valve should be properly supported to prevent excessive stress on the valve body.
- Direction: Rotate clockwise to close, rotate counter-clockwise to open.
- Check operation of valve by turning handwheel from fully open to fully closed position to make sure nothing obstructs the disc.

## Wiring diagram



Conduit and electrical connections shall be made in accordance with the local electrical regulation. Always install the electrical cable in downwards direction to avoid water leaking into gearbox.

## Care and maintenance

Before closing a butterfly valve for maintenance or inspection on either the valve or the fire protection system which it controls, ensure that permission for impairment has been granted from the authorities and that all personnel affected by this decision has been notified.

The owner shall be responsible for inspection, testing and maintenance of their fire protection system and appliances in accordance with the applicable local standards. Contact the installing company or Profit Europe NV if you have any questions.

It is recommended that only qualified inspection services process inspection, testing and maintenance of automatic sprinkler systems. Maintenance shall be conducted in accordance with standard NFPA 25 or similar.



### WARNING!

The hand wheel to open or close the valve shall not be operated by means of extra tools or levers.