

FIP double butterfly valve

FIP / NedValve



On the basis of the FIP-FE butterfly valves, Netafim has developed a number of double butterfly valves for the premixing of water flows, e.g. of rain or ditch water with decontaminated drain water. The valves are designed such that when one opens, the other closes at the same time so that good mixing of water flows is possible.

Double butterfly valves can be designed with butterfly valves of the same diameter (2x 50-200mm). The double butterfly valves are mounted as standard on a stainless steel mounting plate. The advantage of this standard design is that the valves can be adjusted and delivered fully assembled (with flange sets). Customised adjustment is also possible by means of the slots in the mounting plate and the adjustable threaded stainless steel shaft. For the sizes 50 to 125 mm there is a standard mounting plate size: 34 cm distance between centres.

The double butterfly valves are driven by a NedValve actuator (smart model) that is mounted on top of a butterfly valve. The NedValve gives feedback on the position of the valves by means of an encoder system. The motor has a water and dust-tight housing made of aluminium, class IP67.

The electrical control of FIP double butterfly valve is different from most actuators in the market. We would advise you to consult the general technical information from NedValve, in which the connection diagram is included (type B3 4-20 mA). The actuator has a running time of 130 sec. / °90.

The motors are standardised to ISO so that installed on an ISO-standardised butterfly valve is possible without having to use fitting pieces.

APPLICATIONS

Double butterfly valves are used for the precise premixing of two different water flows

CHARACTERISTICS

- ✓ Two butterfly valves driven by one ROM drive
- ✓ Installation on a stainless steel mounting plate
- ✓ For manual operation

TECHNICAL DATA

Valve dimensions	: dia. 50-125 mm
Dist. between centres	: 34 cm
Material	: Stainless steel mounting plate
Drive	: NedValve SLS200 (consult information sheet 'NedValve')
Cabling	: Wirebox

INSTALLATION & MAINTENANCE

- ✓ Quick guide manual inside, please read carefully before installation
- ✓ The motor position indicator shows the position of the butterfly valve on which the indicator is installed.
- ✓ The butterfly valve must be installed strain-free.
- ✓ Netafim offers training for design and installation with the NedValve. Please, consult your account manager or technical team for more information.