

STEBAdrive

24 V DC – Crank or Direct

The drive system offering maximum reliability for flow control, for releasing the fire-fighting water reserve, for authorising water supply within the network, for throttling in the sewer network, for operating discharge valves, and for ensuring safety in the event of an emergency or malfunction.

The STEBAdrive is powered by 24 V DC and impresses with its optimal power transmission and high durability. A range of adapter parts allows the actuator to be fitted to standard butterfly valves. The actuator can also be fitted to gate valves on request.

Two versions are available: the direct drive for control and throttling dampers $\leq$ DN 300 and the crank drive for all standard sizes from DN 50 to DN 1000 without any rotation limit.

Your benefits at a glance



Standardised interfaces

Compatibility with any control system.



Compatible with your system

Easy to fit to existing damper models.



Optimal power transmission

Maximum torque, even at the lowest power output.



High operational reliability

Uninterrupted service even in the event of a power cut.



Made in Switzerland

Excellent quality and reliability in operation.



24/7 emergency service

We are available 24/7 to assist you in the event of a technical fault.

The damper actuator with high reliability – even in the event of a fault

As the STEBAdrive requires very little electrical power, it can continue to operate without interruption in the event of a power cut, using a battery. This ensures the reliability of both the water supply and the wastewater disposal systems.

For operation in the event of a fault, the drive is supplied as standard with an easy-to-use hand crank. On the STEBAdrive direct, the hand crank is permanently fitted, whilst the STEBAdrive crank comes with a suitable key for manual operation included in the scope of delivery.

A wide range of applications

The STEBAdrive is characterised by its high reliability in flow control, the release of the fire-fighting water reserve, the authorisation of water supply within the network, the operation of discharge valves, and the provision of safety in the event of an emergency or malfunction.

Characteristics

- Compact design, lightweight construction
- Can be powered via a control cabinet UPS
- Manual operation via hand crank in an emergency
- Integrated power monitoring
- Adapters are available for fitting to all standard butterfly valve models (slide gate valves can also be fitted on request)
- 5-year warranty on the entire drive

Signal outputs

Analogue output 4–20 mA

- Damper position 0–100 %

Digital Out, potential-free

- Damper OPEN
- Damper CLOSED
- Manual operation
- Overload

Digital In, potential-free

- CLOSE Damper
- OPEN Damper
- Reset



Find out more
about STEBAdrive



Technical specifications

Drive type	Direct	Crank
Size	DN 50 to DN 300	DN 50 to DN 1000 (larger sizes available on request)
Drive	Mains-powered or battery-powered (self-sufficient)	Mains-powered or battery-powered (self-sufficient)
Output torque	1000 Nm	125 Nm
Electrical power consumption	Average 0.2–0.3 A / 24 V DC Max. inrush and heavy-duty current 1.0 A / 24 V DC	Average 1–2 A / 24 V DC Max. inrush and heavy-duty current 5 A / 24 V DC

Want to know more?

Sign up for a personal consultation.
We're here to help!