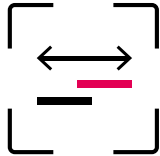
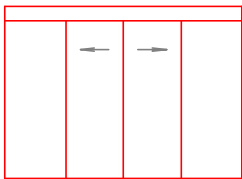


SLIDING DOORS

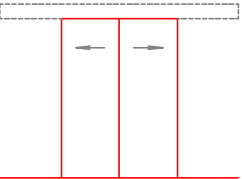


ENIXINE is a powerful, fully automated operator that can be used with different types of sliding doors. Energy and power optimization is the primary design criteria of this device. Betiss sliding door ensures security and simplicity at the same time.



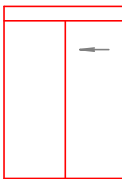
Double sliding door

incl. fixed screen

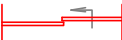
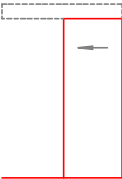


Double sliding door

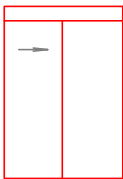
excl. fixed screen



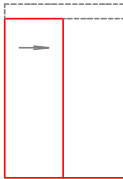
Single sliding door (LO)



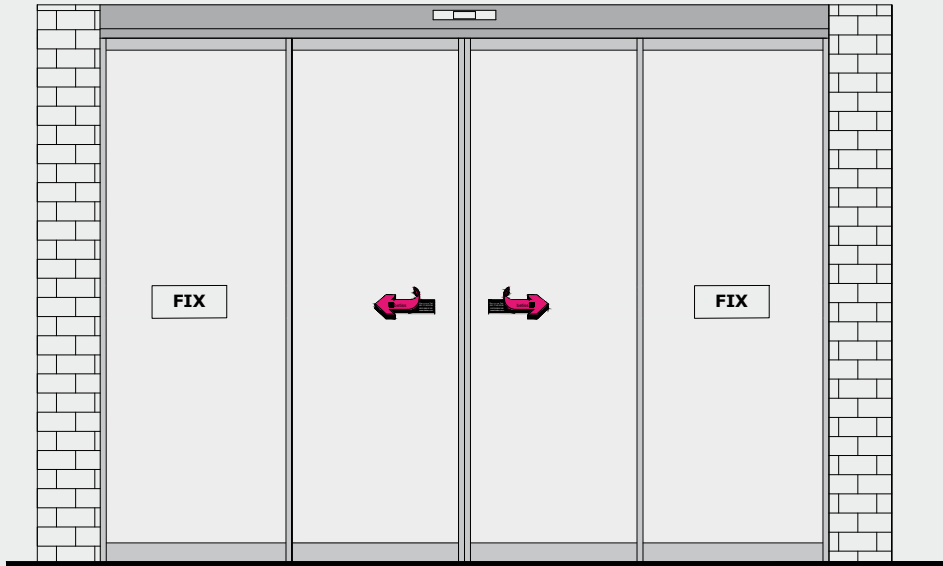
Single sliding door (LO)



Single sliding door (RO)

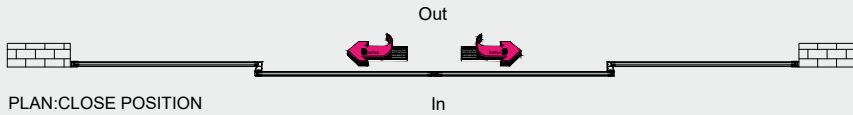


Single sliding door (RO)



ELEVATION

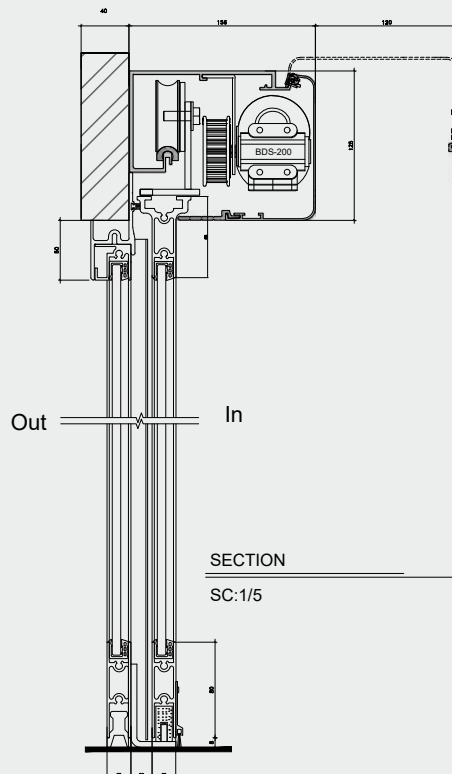
SC:1/25



PLAN:CLOSE POSITION

SC:1/25

Series	ENIXINE 1 wings	ENIXINE 2 wings
Dimensions mm	125 × 156 × 4500	125 × 156 × 6000
Clear opening width	900 to 2000	900 to 3000
Max load kg	100	200
Max speed m/s	0/8	1/6
Power supply	230 VAC 50 Hz	230 VAC 50 Hz
Rated power W	120	120
Operating temperature °C	-15 +50	-15 +50
Accessory output	21 VDC (6 A max)	21 VDC (6 A max)

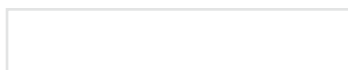


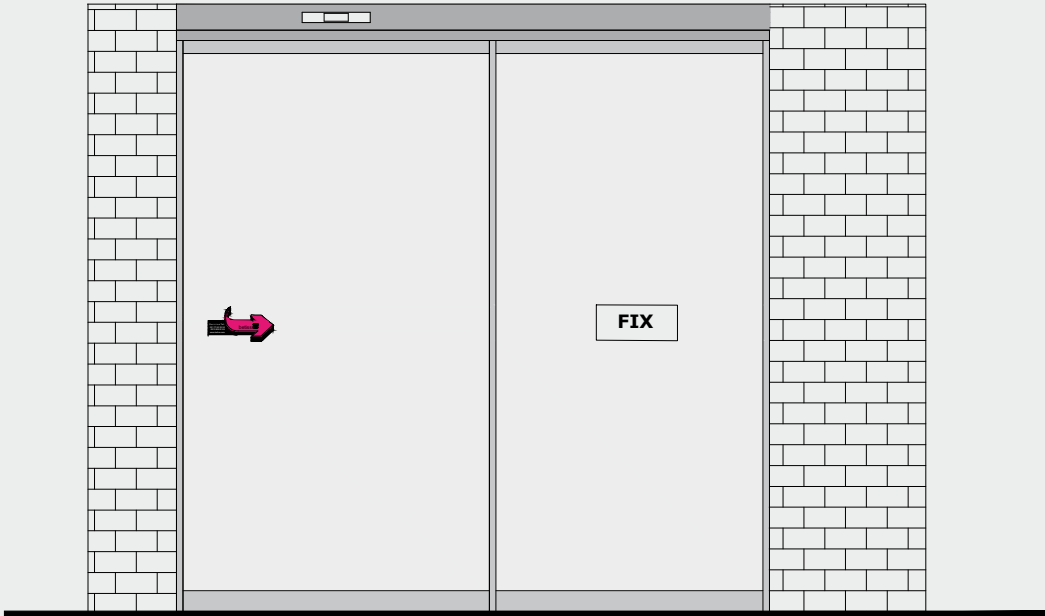
SECTION

SC:1/5

OPERATOR FEATURES

- **Easy Programming:** Programming of the operator is straightforward and can be done for different users and environments. Betiss also provides a graphical installation manual with a troubleshooting table attached.
- **Advanced Technology:** The central controller is based on the newest CPU technology and has an advanced intelligent control system.
- **Minimized consumption:** low consumption(120W), which allows the device to work even on a battery for a long time
- **Optimized isolation:** which enhances the opening time to Help with air conditioning in cold and hot seasons.
- **Easy Integration:** the ability to Integrate with Building intelligent systems such as fire alarm systems and building management systems (BMS)
- **Safety standards:** this device can follow safety signals from up to 4 sensors, from radar detectors to infrared sensors, including Side panel safety according to EN12650.
- **Intelligent control unit:** equipped with a self-diagnose system and a Memory for saving errors.
- **LCD:** the operator is equipped with a character LCD to show the error list and door's setting.
- **Well decorated cover:** the operator will come with many different finishing such as steel, brass, anodized aluminum with customizing the design according to any architecture
- **Traffic controlled opening width:** Using state-of-the-art software, the system settings will be changed according to outside weather and traffic to enhance the operation.
- **World-class Motion system:** a complete DC Motor motion system, drive, and decelerator from "Dunkermotoren" made in Germany ensures smooth motion, endurance, and long life. This Powerful motor allows the steel carriers with a maximum load of 100Kg per door leaf. This Motor and drive system has a TUV certificate according to the following standards:
 - EC 61508-1 :2010, IEC61508-2:2010
 - ISO 13849-1:2015, 13849-2:2012
 - IEC 61800-5-2:2016
 - IEC 62061:2005 + A1: 2012+ A2:2015 + CSV/COR1:2015,
- **Line power:** 110 to 240VAC 50Hz with 120W power usage
- **Remote control:** there are also two remote control sets in every operator package to ensure easy door management. More remotes could be defined upon customer request.
- **Smartphone application:** an exclusive application is designed for Android and IOS smartphones which have many capabilities besides changing door setting and acting as a remote control
- **Air curtain control:** A designated output acts as a command for this device to have a coordinated operation with the air curtain.





ELEVATION

SC:1/25

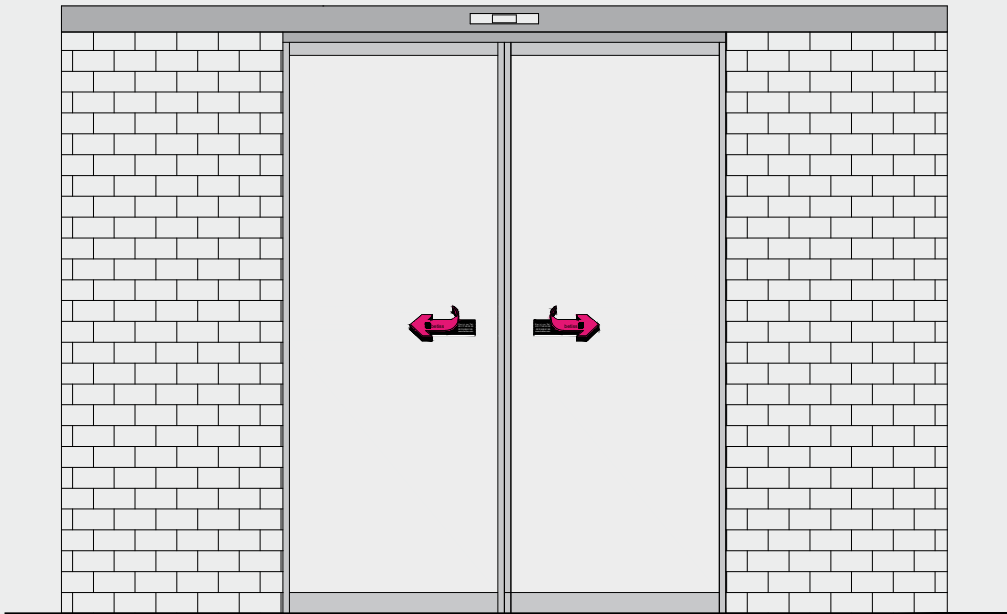
Out



PLAN:CLOSE POSITION

In

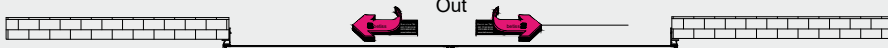
SC:1/25



ELEVATION

SC:1/25

Out



PLAN:CLOSE POSITION

In

SC:1/25

OPERATION SPECIFICATIONS

- **Operation:** adjustable to control unit, Pushbutton, No touch magnetic sensors, safety systems, remote control.
- **Control unit:** Based on New AI Method with a self-diagnosis Controller can be programmed to change the operation.
- **Door default modes:** Automatic, always open, always closed (with an optional lock), summer/winter mode, ...
- **Adjustable final distance:** The last space between door leaves could be adjusted to avoid trapping small parts of buddies like fingers and toes.

SAFETY FEATURES

- **Obstacle avoidance:** backward opening before an Obstacle collision with the maximum sensibility to keep passengers' peace of mind.
- **Self-test function:** auto checking of sensor reliability in every opening cycle
- **Adaptive speed control:** controlling the speed of the door according to TUV guidelines to ensure optimum speed according to chassis weight.
- **Emergency Power failure:** acting according to NFPA 101 version 2021 in the case of emergency failure to maximize safety. This includes an easy opening with hand and saving all presets in memory to continue regular operation afterward.
- **Easy integration with any Fire alarm system:** in case of emergencies, this door could accept input signals from a fire IO device in the loop. There are input functions to support door opening and even unlocking the door in case of using the electrical lock. These inputs can operate to complete security systems with an option to lock the doors in security emergencies.

EXTRA ACCESSORIES AND OPTIONS

- **Uninterrupted use kit (UPS & Battery):** due to the system's low power consumption, it is highly recommended to use a backup battery or UPS to operate in a power failure. The solo battery back is intended to use for a single time, and UPS is intended to keep the automatic door fully operating in case of emergencies.
- **Electrical Lock:** An electro powered locking mechanism can be added to the system and be activated through the control unit. There are two selectable options for this kind of device in case of power failure: fail-safe (which will unlock to provide safety) and fail-secure (Which remain Locked to provide security). There are indicative LEDs to show the operation mode.
- **Mechanical Lock:** An optional key and cylinder lock could easily mount on the system.

CERTIFICATION

- ISO 9001:2015 from URS company in the UK
- ISO 10002 and ISO 10004 certifications from QS Zurich in Switzerland
- International quality assurance and superior technology in the electronic security systems industry of ICS Europe in 2017
- International "TQD Door & Windows certificates" from the ICMF group companies, in 2018
- CE certificate for producing automatic doors according to IEC60335-2-103