

turn*Master*



G.U-BKS swing door drives are used in:

- projects where barrier-free passage is demanded
- facilities for the disabled
- residences for the elderly
- areas of increased hygienic demands (clinics)
- pharmacies
- surgeries
- food enterprises
- hotels and restaurants

The microprocessor controlled electromechanic **swing door drive** turn*Master* easily adapts to the individual requirements of the particular location.

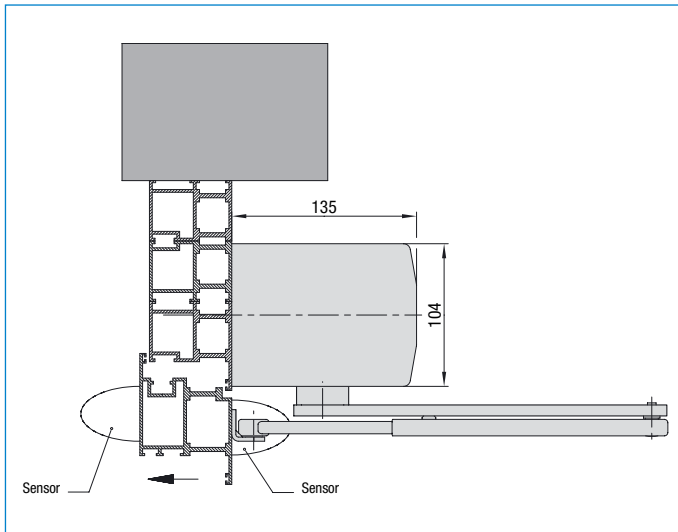
Its design and stable workmanship allow for reliable functioning and **outstanding running smoothness**.

Even large and heavy doors can be controlled and moved effortlessly by the user. This provides convenient and safe passage also for elderly or handicapped persons.

With hands free activation, the drive system is ideally suited to areas with increased hygienic demands, e.g. in hospitals.

The installation of the drive is simple and time-saving. Retrofitting and modernising existing door systems is easy and efficient.

The swing door drive turn*Master* is available in pull open and push open version.



Functioning modes

- automatic operation
- servo operation
- low-energy operation

Product features

- low-noise operation
- suitable for exterior and interior doors
- easy assembly, start-up and maintenance
- integrated function selection switch with LED indication
- mechanic release from hold-open position
- adjustable wind pressure function
- dynamic adjustment of hold open time
- connection of motor driven lock, SECURY A-opener, electric door opener and safety sensors possible
- slot for radio receiver card
- rugged case in fashionable G.U-BKS design

The accordance to DIN 18650 was certified by TÜV.

(TÜV = German Technical Supervisory Association)

Technical data

| Type of drive | turnMaster |
|---|---|
| Execution | push or pull open |
| Opening | electro-mechanic |
| Closing | by spring force |
| Closing force ^[1] | size 3 – 6 push open, size 3 – 5 pull open |
| With power failure | door closer function |
| Opening angle | 130° push open, 98° pull open |
| Opening speed | adjustable |
| Hold open time | adjustable |
| Mains voltage | 230 V/AC, 50 Hz |
| Power consumption | 200 VA |
| Maximum weight of door leaf | 250 kg |
| Door leaf widths | 700 – 1400 mm push open, 700 – 1250 mm pull open |
| Ambient temperature | for dry rooms only; -15 °C up to +50 °C |
| Protection class | IP 20 |
| Dimensions | 700 x 104 x 135 mm |
| Power supply for peripheral accessories | 24 V/DC, 1,2 A |
| Programme selection switch | integrated; with LED indication (altern.: external); operating modes: off, automatic, closing time, permanent open |
| Options | push open arm soffit depths up to 250 mm axle extension |

[1] Sizes to EN 1154

swing*Master DTU*



G.U-BKS underfloor drives for swing doors are used in:

- historical buildings
- shopping centres
- hospitals
- hotels
- modern and transparent entrance areas

Transparency and concealed mechanics combined with functionality and high quality performance:

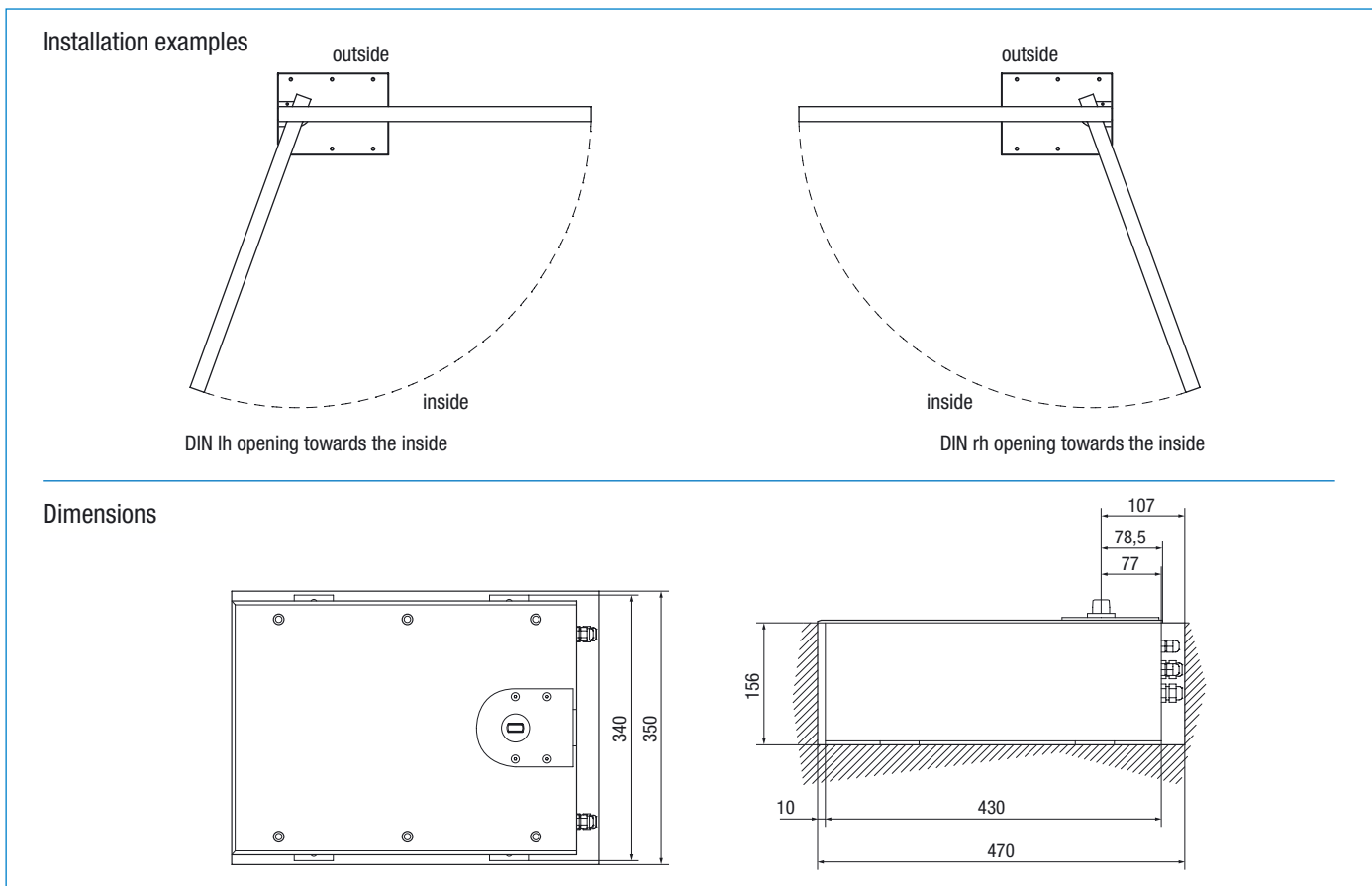
The innovative underfloor drive swing*Master DTU* offers architects and planners a unique possibility of automating swing door systems.

On the basis of a well proven technology, all demands on a reliable, modern swing door drive are realised.

In modern shop construction it captivates by providing unobtrusive automation.

With this drive system the automation of all glass entrance systems or doors in historical or listed buildings is efficient and provides comfortable access to all users.

The use of an optional battery allows for a desmoking function.



Technical data

| Type of drive | swingMaster DTU | |
|---------------------|--|---|
| Type | 1 door leaf DTU-1 | 2 door leaves DTU-2 ^[1] |
| Opening angle | 110° | |
| Mains voltage | 230 V/AC, 50 Hz | |
| Dimensions | | |
| Cement box | 340 x 430 x 156 mm | |
| Floor recess | 350 x 470 x 156 mm ^[2] | |
| Weight of door leaf | 200 kg/max. door width 1100 mm 180 kg/max. door width 1200 mm 150 kg/max. door width 1400 mm | |
| Operation modes | Off / Automatic / Exit / Permanent open | |
| With power failure | optional battery for one-time opening | |
| Hold open time | adjustable | |
| Opening speed | adjustable | |

Special solutions on request. [1] Available on request. [2] plus additional space for wiring

Accessories

- stainless steel cover plate, 240 grid
- cement box out of galvanised steel

Options

- safety sensors in opening and closing direction
- connection to building management technology