



## Applications:

- 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

⇒ Outstandingly quiet operation!

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

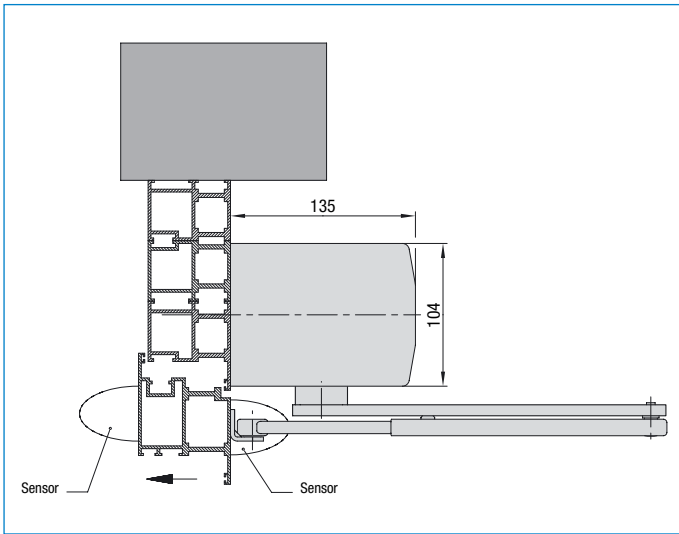
Its design and stable workmanship allow for reliable functioning and **outstanding running smoothness**.

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 turnMaster 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 <i>tm</i>
Execution	push or pull open
Opening	electro-mechanic
Closing	by spring force
Closing force <sup>[1]</sup>	size 3 – 6 push open, size 3 – 5 pull open <sup>[2]</sup>
With power failure	door closer function
Opening angle	130° push open, 98° pull open
Opening speed	adjustable
Hold open time	adjustable from 0 to 30 s
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 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

[2] Advice: Use door stop at maximum opening angle.

Gretsch-Unitas GmbH  
 Baubeschläge  
 Johann-Maus-Str. 3  
 D-71254 Ditzingen  
 Tel. + 49 (0) 71 56 301-0  
 Fax + 49 (0) 71 56 301-293  
 www.g-u.com

BKS GmbH  
 Heidestr. 71  
 D-42549 Velbert  
 Tel. + 49 (0) 20 51 201-0  
 Fax + 49 (0) 20 51 201-431