

UNIVERSAL DRIVE MECHANISM FOR SWING DOORS



THE ELEGANT SOLUTION FOR INTERIOR DOORS

Convenient by design

Sleek design combined with clean lines creates just the right overall architectural impression. This streamlined drive mechanism is integrated at lintel height for discreet, concealed convenience.



The slimline FD 10 drive mechanism

- For smooth and silent door movement
- Suitable for both light and heavyweight interior doors
- Supplied with “smart” functions, such as combined safety/opening elements, adjustable opening power and our Push & Go feature

THE ROBUST SOLUTION FOR EXTERNAL DOORS

Suitable for any situation

Used for large heavyweight doors or those exposed to strong winds. This universal drive mechanism provides smooth, unobstructed and hygienic access in any situation.



The high-performance FD 20 drive mechanism

- With integrated protection designed to withstand winds of up to 80 km/h
- Supplied with a large range of functions, including reinforced closure and hold-open time – all designed to ensure smooth operation
- External elements and accessories are likewise electrically powered

PROVEN PERFORMANCE IN THE EVENT OF FIRE

Ready to cope with emergencies

The swing door drive unit closes your door, reliably and from any position, if a fire should occur. The closed door can be opened manually at any moment to provide a reliable escape route.



The FD 20 mechanism with fire shutter


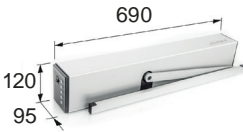
- Spring-actuated closure in the event of a fire or power cut
- Provides a reliable emergency exit/rescue access route
- «Invers» power-down function for smoke and heat extraction
- Available with optional smoke detector

SWING DOOR DRIVE UNITS

THE RIGHT CHOICE

Design and function

Gilgen swing door drive units are designed for high performance, maximum service life and extra-quiet operation. They are ideal for new installations and existing doors alike. They can operate both lightweight interior doors and heavyweight external doors, along with fire safety doors. They are certified to confirm compliance with the highest quality, safety and security standards.

	FD 10 Design	FD 20 High performance	
			
Max. door leaf weight	150 kg	250 kg	250 kg
Door sizes single-leaf	730 – 1100mm	750 – 1600mm	EN 3 – 6 (850 – 1400mm)
Door sizes two-leaf	1460 – 2200mm	1500 – 3200mm	EN 3 – 6 (1700 – 2800mm)
Max. opening angle	105°	105°	105°
Opening speed	2,4...20 s adjustable (max. 40°/s)	2,4...20 s adjustable (max. 40°/s)	2,4...20 s adjustable (max. 40°/s)
Closing speed	2,4...20 s adjustable (max. 40°/s)	2,4...20 s adjustable (max. 40°/s)	2,4...20 s adjustable (max. 40°/s)
Max. wind speeds	-	80 km/h (320 Pa)*	80 km/h (320 Pa)*
Approved according to standards	EN 16005, DIN 18650	EN 16005, DIN 18650	EN 16005, DIN 18650, DIBt, CNPP, BSEN 1634-1, EN 1158, DIN 18263-4

* Depending on door size and type of rod

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