



Swing Door Operator

# DORMA ED 180

## Wide range of applications, easy to fix, high functional reliability

Thanks to its power, performance and reliability, the DORMA ED 180 electro-hydraulic operator is suitable for virtually any type of swing door. It is the perfect solution for public buildings, department stores, shops, businesses, hotels, restaurants, hospitals, homes for the elderly and many other service situations. Also suitable for radio remote control and proximity switch operation, the DORMA ED 180 offers enhanced ease of use and safety for kitchen doors and doors used by wheelchair users. And this drive unit can be retrofitted whenever and wherever required.

The DORMA ED 180 swing door operator features an electric motor that responds to the activator signal by opening the door via a normal protruding arm or an elegant slide channel. Closing is performed mechanically by spring power. Various functions can be selected using a programme switch. The modes available are Automatic, Permanent Open and OFF. During a power failure, the automated door can still be used in the same way as any door equipped with a door closer. Once the power returns, the DORMA ED 180 resumes its pre-set function.

Technical data	DORMA ED 180
Door leaf width	580 – 1280 mm
Door leaf weight max.	150 kg
Closing strength to EN 1154	EN 5, closes on power shutdown
Power supply data	230 V, 50/60 Hz
Power supply to external loads	12 V AC, 800 mA 12/24 V DC, 400 mA
Opening/closing speed/time	Adjustable
Hold-open time	0 – 30 s



DIN  
18 263/T4



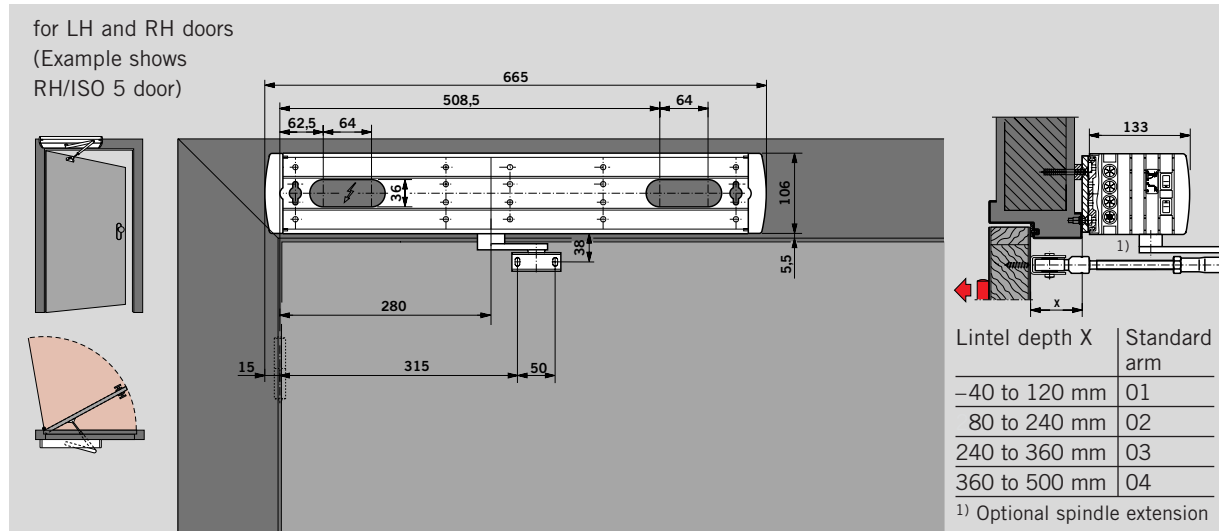
### Accessories



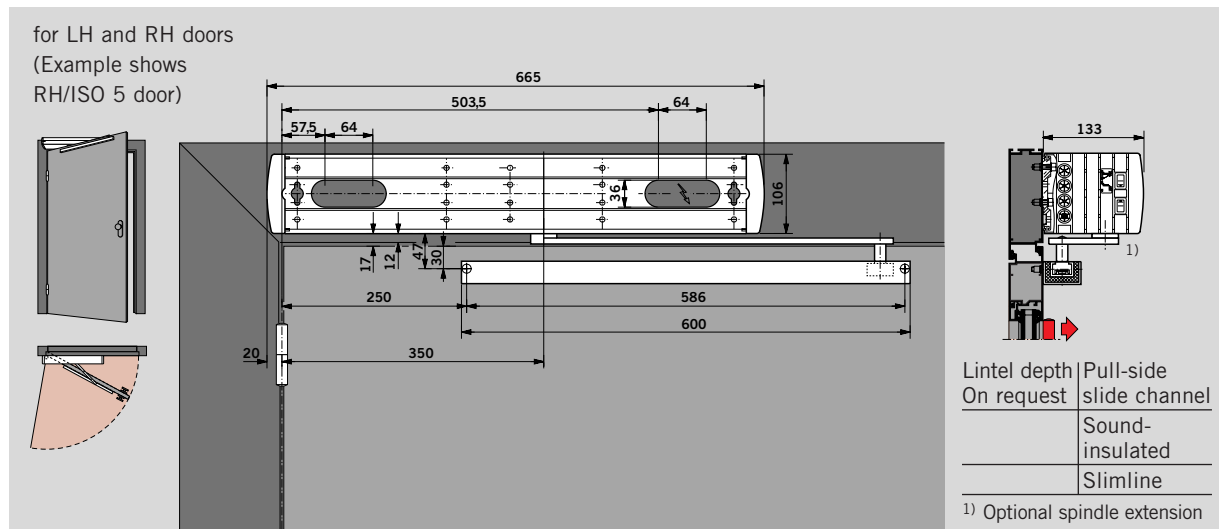
Radar movement detectors, pushbuttons, card readers, radio control, electronic access control systems, proximity type access control systems, electric strikes, safety sensors for protection of personnel in the opening and closing range, wireless activators.



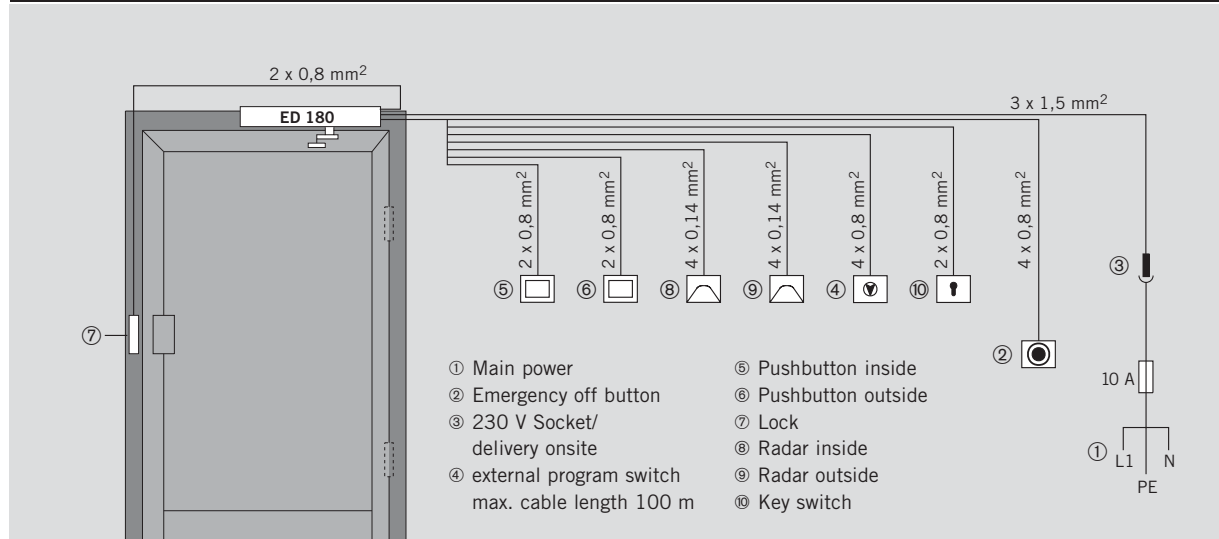
## Push-side fixing with standard arm



## Pull-side fixing with slide channel



## Connections



**Specification text****Electro-hydraulic swing door operator ED 180 for single-leaf doors; EN 5****Door parameters:**

- Door leaf width: max. 1280 mm
- Door leaf weight: max. 150 kg
- Opening angle: max. 115°
- Body dimensions:  
Height x Depth x Width: 106 mm x 133 mm x 665 mm
- Functions: OFF – AUTOMATIC – PERMANENT OPEN (100 % ED)
- Power supply data: 230 V AC, 50/60 Hz

Electro-hydraulic swing door operator with electronic control; quality assured and third-party audited to DIN 18 263, Part 4. Closing force EN 5. Opening time, opening and closing speed, backcheck and delayed closing action independently adjustable.

Manufactured in accordance with German guidelines for power-operated windows, doors and gates, ZH 1/494 latest edition, German UVV (accident prevention) regulations and VDE (German Association of Engineers) standards. Manufactured on the basis of a quality system registered to ISO 9000.

**Installation:**

- ( ) Push-side fixing
- ( ) Pull-side fixing

**Arm:**

- ( ) Standard arm; lintel depth = ... mm (max. 500 mm)
- ( ) Slide channel; lintel depth = ... mm

**Colour:**

- Standard: ( ) Silver ( ) White (RAL 9016)

**Emergency pushbutton according to DIN VDE, installed in vicinity of door:**

- Function: ( ) Emergency off ( ) Emergency stop  
Type: ( ) Flush mounted ( ) Surface mounted

**Programme switch:**

- ( ) Internal (standard) ( ) External, 3 positions  
Type: ( ) Flush mounted ( ) Surface mounted

**Select accessories:**

- Safety sensors for protection of personnel in the sweep range  
( ) IRS-2-33 ( ) IRS-2-70 ( ) IRS-2-90  
( ) IRS-2-120/2 ( ) IRS-2-120/3

**Activators:**

- ( ) Radar movement detectors
- ( ) Push buttons

**Make:**

DORMA ED 180