



ED 250

Power consumption	240 Watts
Closing force	EN 4–6, adjustable
Max. door-leaf weight for lintel depths of up to 225 mm	250 kg
Max. door-leaf weight for lintel depths from 226 mm to 500 mm	120 kg
Door-leaf width for single-leaf version	700–1,600 mm
Door-leaf width for double-leaf version	1,450–3,200 mm
Max. opening speed	60° (25°*)/second
Max. closing speed	60° (25°*)/second
Axle extension	30/60/90 mm
Lintel depth for slide channel	+/- 30 mm
Lintel depth for standard arm	0–500 mm

* The values in brackets indicate the maximum speed in Low-Energy Mode without Full-Energy Upgrade Card.

ED 100

Power consumption	120 Watts
Closing force EN 1154	EN 2–4, adjustable
Max. door-leaf weight for lintel depths of up to 225 mm	100 kg
Door-leaf width for single-leaf version	700–1,100 mm
Door-leaf width for double-leaf version	1,450–2,200 mm
Max. opening speed	45° (25°*)/second
Max. closing speed	45° (25°*)/second
Axle extension	30 mm/60 mm
Lintel depth for slide channel	+/- 30 mm
Lintel depth for standard arm	0–225 mm

* The values in brackets indicate the maximum speed in Low-Energy Mode without Full-Energy or Fire Protection Upgrade Cards.

General specifications

Dimensions (W x H x D)	700 x 70 x 130 mm
Min. distance between hinges (double-leaf systems)	1,450 mm
Min. distance between hinges for ESR (double-leaf systems)	1,450 mm
Weight of single-leaf version	12 kg
Power supply for external accessories	24 V DC +/- 10 %, 1.5 A

Benefits:

- Flexible configuration: Customers only pay for the functions they actually require.
- Cheap transport and easy mounting thanks to the system's reduced weight.
- Low-noise application thanks to multi-stage gear.
- Elegant visual appearance: DORMA Contur design provides an operator height of only 70 mm.
- Various functions as standard.

Fields of application:

- For single- or double-leaf swing doors. Choose between the ED 100 and the ED 250 in accordance with your prevailing door-leaf width and weight.
- The pull-version with slide channel and the push-version with standard arm are suitable for application at fire and smoke doors.
- Thanks to its low- and full-energy version, the system is suitable to automate both rarely and heavily frequented internal and external doors.
- The DORMA cam technology provides a sharply dropping opening torque, thus the system is perfectly suitable for swing doors that are mainly accessed by hand.
- High torque for full-automatic swing doors with radar motion control.

Parameters

Opening angle	Max. 110°
Latching action	Adjustable from 7° – 0°
Hold-open time	30 s
Hold-open time Blocking behaviour with Night-/Bank Function	Reversing/Door closer function
Locking feedback contact	Motor lock/Electric strike
Working point of wind load control	Total load of max. 50 Nm
Voltage-independent braking circuit	Adjustable via potentiometer
Electronic latching action pulse	Force adjustable

