



ES 68 Series

Flexible Simple Sliding Door Operator with Remote Key



FLEXIBLE, AESTHETIC YET ECONOMICAL

PREMIUM FOR THE MASSES

From DORMA, world leader of premium entrance solutions, comes a new innovation for emerging markets: the **ES 68 SERIES**.

This groundbreaking product was designed to meet the needs of the basic standalone entrance, and to make the convenience of the automatic sliding door accessible to everyone, anywhere in the world. And not just any automatic door, but a DORMA automatic door: that means quality and reliability from more than 100 years of rich German industry tradition.

The revolutionary **ES 68 SERIES** may start off basic in scope, but it works like the Premium Machine it was designed to be.

QUALITY IN EVERY DETAIL

Born out of the DORMA heritage, the **ES 68 SERIES** has to fulfill the same stringent demands as any other DORMA product. Our Engineers challenged themselves to create an operator that is economically accessible to the masses but yet performs like a pedigree, as expected of DORMA.

This they exceeded, by re-looking into every details and re-inventing them: from the compact, light-weight, load-bearing silent track profile, the noise-reducing ultra-durable design and materials for the carrier rollers, the low-noise low-friction brushless motor to the compact and powerful worm-gear gearbox.

Nothing is taken for granted.

INNOVATE FOR CUSTOMERS

In the process of delivering the most performance for every basic detail, no effort is spared in creating new DORMA solutions for every customer need.

We are thus proud to introduce the **DORMA Remote Key + Program Control**, a sleek designer keychain device that gives small business owners the power to control their doors right in their pockets. Detailed attention to aesthetics created the **DORMA Activator**, visible on top of the door, lending a premium feel to the entrance.

Finally, our patented **DORMA Power Pack** lets users buy only the functions they need, better serving our customers in emerging markets.

HASSLE-FREE, EVERYDAY

In door automation, a Premium Machine should work silently in the background, 24-7. This means it must not only be durable, but smart in its daily operation dealing with various unforeseen situations.

The intelligent **ES 68 SERIES** is simply Plug-and-Play, as it will learn the door opening on start-up and adjust its parameters accordingly to ensure a comfortable passage. Similarly, when faced with obstruction in the passage way, it will cleverly adjust itself and easily reverts to normal operation.

With screw-positioning grooves and foolproof connectors, installation is easy, to ensure the door is up fast and running well.

KEY SPECIFICATIONS

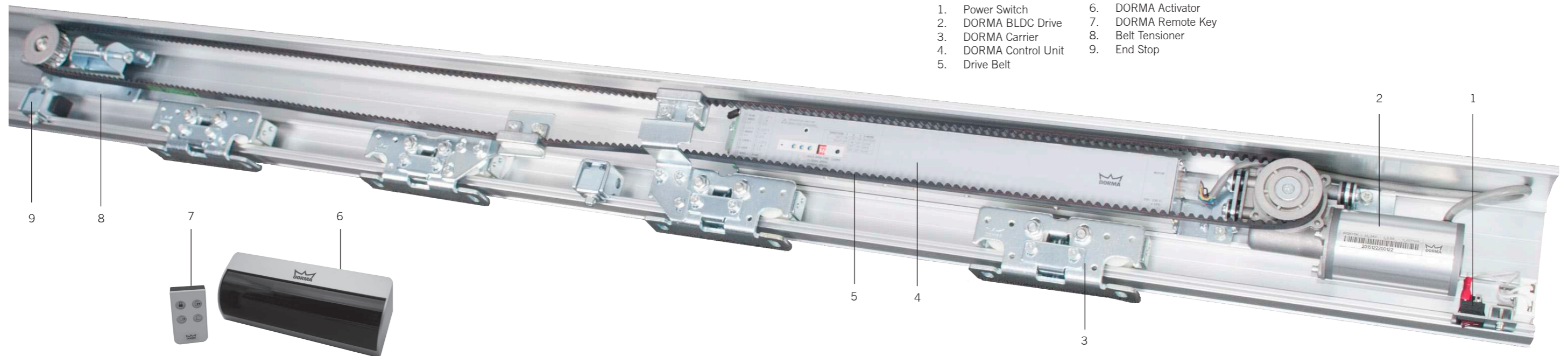
Door Parameters		
2-panel sliding door	<ul style="list-style-type: none"> Passage width Door panel weight 	700-2100 mm max. 2 x 80kg
1-panel sliding door	<ul style="list-style-type: none"> Passage width Door panel weight 	max. 1000 mm max. 90 kg
Technical Data		
Installation height		125 mm
Installation depth		102 mm
Manual opening/closing		150N
Opening speed (potentiometer setting)		10-50 cm/s
Closing speed (potentiometer setting)		10-40 cm/s
Hold-open time (potentiometer setting)		0 - 9 sec
Main voltage, frequency		110/230V, 50/60 HZ
Power consumption		150 W
International protection		IP 20
Tested according to low-voltage guidelines		●

Control Unit	
Microprocessor controller	●
Functional programs selected via DORMA Remote Key	
Off	●
Exit Only	○
Automatic	○
Permanent Open	○
Self-learning	●
Automatic reversing	●
Setting of basic parameters	●
DORMA Remote Key + Program Control	●
Night/Bank	●
Air lock	●
Light barriers connection	●
Design profile cover	○
Electric lock (only with DORMA Power Pack connected)	○
Battery powered operation (only with DORMA Power Pack connected)	○
Power failure modes (only with battery + DORMA Power Pack)	
<ul style="list-style-type: none"> Permanent close Permanent open Normal operation 	

● Standard ○ Option

COMPONENTS:

1. Power Switch
2. DORMA BLDC Drive
3. DORMA Carrier
4. DORMA Control Unit
5. Drive Belt
6. DORMA Activator
7. DORMA Remote Key
8. Belt Tensioner
9. End Stop



KEY FEATURES AND BENEFITS



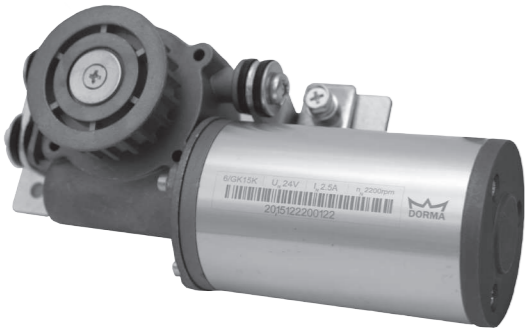
DORMA Remote Key + Program Control

- Features:**
- Unique DORMA design, high quality feel
 - 32-bit ID encryption with a uniqueness of 1 in 4.3 billion: more than any key systems
 - Extremely small and light, with lanyard loop
 - Pre-installed as a standard
- Benefits:**
- Remote control can be used as a key
 - Can be carried in the pocket at all times: convenience and better sense of security
 - No wiring needed on the walls for switches
 - No hassle of separate purchase



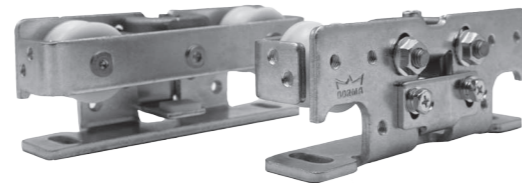
DORMA Activator

- Features:**
- Specially designed in Germany
 - Modern design and elegance, yet blends seamlessly with the surroundings
 - Sensing field: 4m x 2m @ 3m high
 - Delivered as standard
- Benefits:**
- Prominent visual cue gives the entrance and the building a high quality premium feel
 - Highly reliable and capable
 - High value for money without separate selection or purchase needed



DORMA BLDC Drive

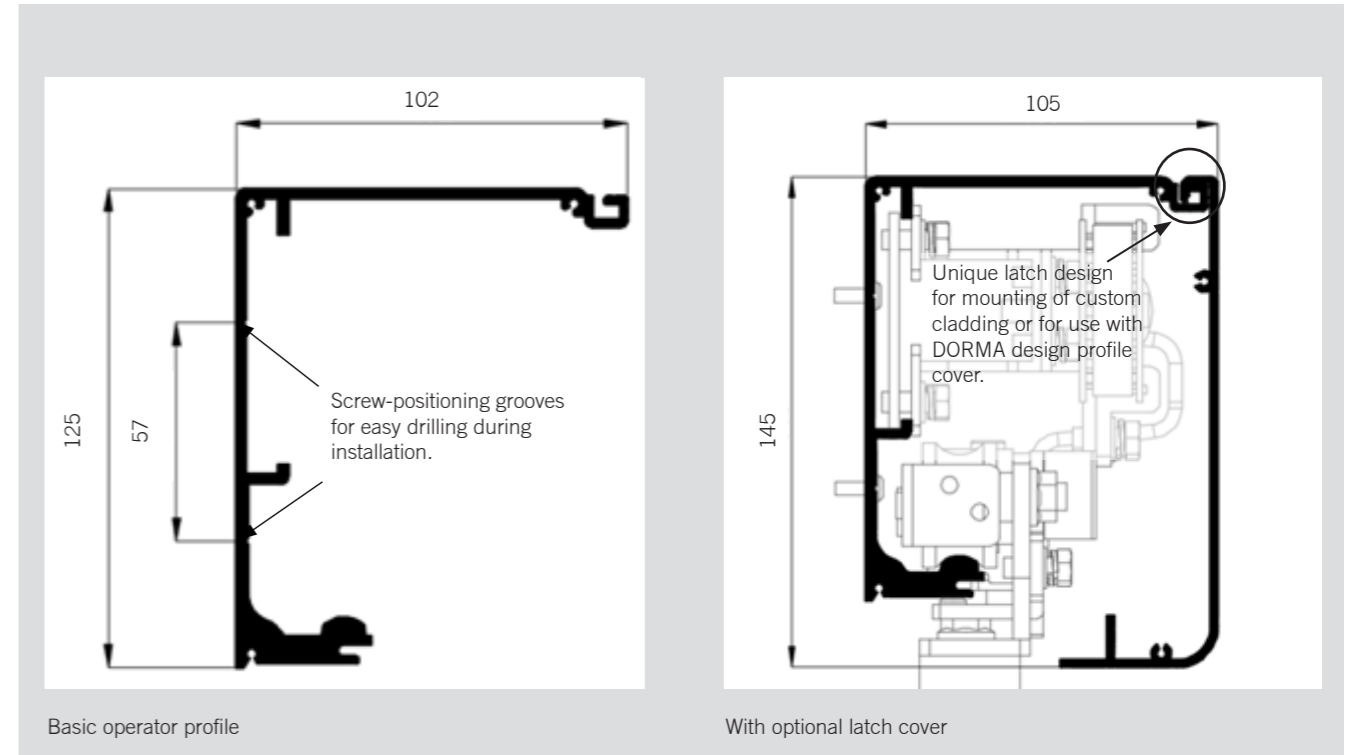
- Features:**
- Brushless Direct Current (BLDC) design
 - Worm-gear power transmission
 - Durability tested beyond industry standards
 - Approved by DORMA after careful inspection under all aspects: noise, temperature, etc.
- Benefits:**
- Long-lasting reliability
 - Low-noise operation
 - Suitable for all mid-sized applications
 - Exceedingly high value-for-money



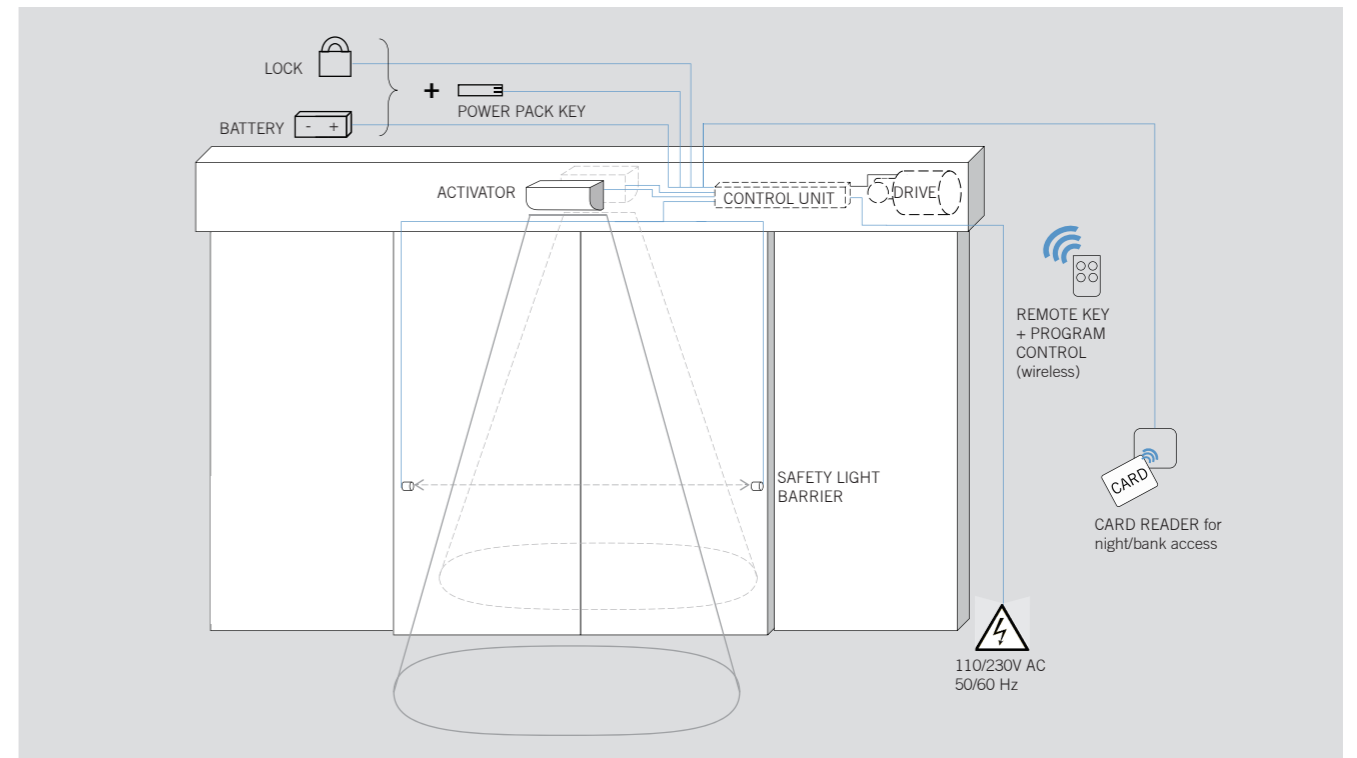
DORMA Door Carrier

- Features:**
- Adjustable anti-drop track latch
 - Load-balanced two-roller design
 - Tough polymer ball-bearing rollers
 - Approved by DORMA after rigorous durability tests
- Benefits:**
- Smooth, quiet operation
 - Tough and resilient against accidental misuse and obstruction
 - Durability for extensive period of use
 - Ease of mind

CROSS-SECTIONAL DIMENSIONS



CONNECTIONS





DORMA Door Controls
Company Limited
Room 701, 7/F Technology
Plaza, 651 King's Road,
North Point
Hong Kong
Tel : +852 2503 4632
Fax : +852 2887 5370
www.dorma.com.hk

DORMA Far East Pte. Ltd
Singapore
31 Gul Lane
Singapore 629425
Tel : +65 6268 7633
Fax : +65 6265 7995
+65 6459 0137
www.dorma.com.sg

Co. Reg. No. 1981-03135-W

PT DORMA Far East
Indonesia
Tel : +62 21 2930 3762
Fax : +62 21 2930 3763

DORMA Far East Sdn. Bhd.
Malaysia/Brunei
Tel : +603 7665 1683
Fax : +603 7665 1680

DORMA Far East
(Thailand) Ltd.
Thailand/Cambodia/Laos/
Myanmar
Tel : +66 2 236 4994/5/6
Fax: +66 2 236 4997

Taiwan
Tel : +886 2 2709 6611
Fax : +886 2 2709 9911

Vietnam
Tel : +84 8 62 888 748
Fax : +84 8 62 888 701

DORMA Korea Inc.
Tel : +82 31 776 0051
Fax : +82 31 776 0054

DORMA Philippines Corp.
Tel : +63 2 893 4078
Fax : +63 2 845 1108

