

For impressive entrances
For high quality solutions
For many applications

BW BLUE WEST
GmbH



BWS20

AUTOMATIC SLIDING DOORS

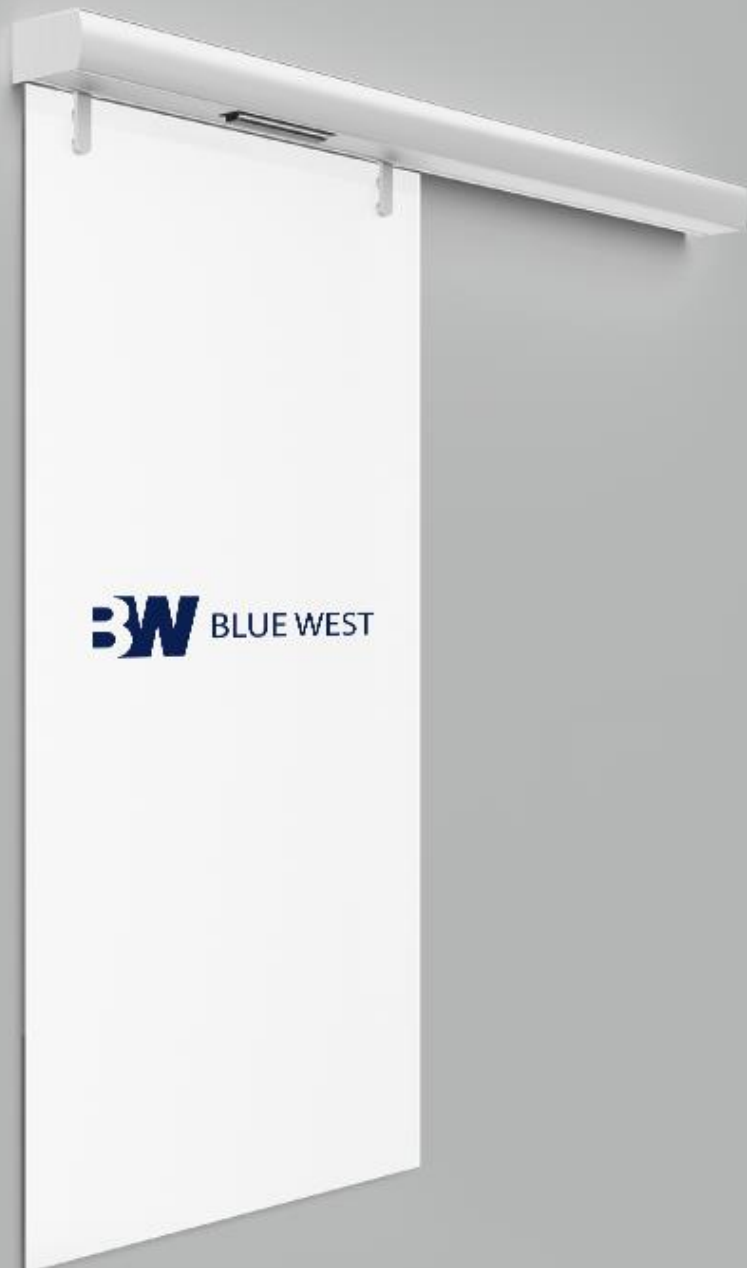
HIGHLY EFFICIENT AND ATTRACTIVELY
DESIGNED AUTOMATIC SLIDING DOORS
PRODUCT LINE BWS FOR EXTERIOR AND
INTERIOR.



AUTOMATIC ENTRANCE SYSTEMS

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Introduction

Highly efficient and attractively designed automatic sliding doors product line BWS for exterior and interior. They provide a variety of architectural possibilities when designing an office, hotel, restaurant, hospital or any other place. The only limit is your imagination. Product line BWS and its modern drive integrate into every building and meet the needs of even the most demanding users. Stylish, efficient and easy to use.

The BWS fulfils 2006 / 42 / EG industrial guidelines for machines, DIN18650 as well as meeting all relevant national and international norms and standards.



Advantages

BWS – Qualities

The BWS enables the construction of a vast range of door models. Designed using modular construction principles, it can be adapted to suit the widest range of conditions and yet is largely based on the same components. This shortens installation time and reduces service and maintenance costs.

Mechanics

The absence of noise is the most striking feature of Blue West automatic doors. Our combination of short, low momentum toothed belts, rollers made from hardwearing, low-noise plastic, acoustically decoupled running tracks, guide pulley wheels with ball bearings and door leaf guides with specially developed guide profiles all contribute to an exceptionally quiet running door.

Electronics

The BWS components can communicate with one another interactively, which, among other things, enhances safety and security. The ability of drive, sensors and remote to communicate enables continuous monitoring of component status. The operational status of the door system and its individual electronic components also continuously undergo plausibility checks. Thanks to its learning capacity, the potential of the unit to malfunction is reduced to a minimum. Doors can be operated using a remote control featuring a graphic display with background lighting, and easy-to-use, led Menu navigation with text in the language of your choice; if required, an additional key operated switch is available.



Data and features

Door Functions

- The doors can be left completely open
- The doors can be left completely closed
- Cancellation of one of the inner or outer radars
- Keeping the door 70 % open (winter position)
- Position Switch with Digital LCD Display (Manual / Auto, single / double, on / off, full / half opening)
- SHOWING ERROR CODES

Activators

- Remote control (Standard)
- Safety Sensor (Standard)
- Active or passive microwave sensors (Standard)
- Fingerprint control (optional)
- Coded keypad and proximity (optional)

Optional Requests

- All anodized colors
- Stainless steel profiles and coating
- Different optional glass and color alternatives



Data and features

Door parameters		
Single-panel sliding door	– Clear passage width LW – Door panel weight, max.	800 – 3000 mm 1 x 150 kg
Double-panel sliding door	– Clear passage width LW – Door panel weight, max.	800 – 3000 mm 2 x 120 kg
Clear passage height*		2100 – 3200 mm

*Other dimensions on request.

Technical data of operator	
Motor Type	German 63X55 Dunker Brushed DC Motor
Height	8 - 12 cm
Installation depth	15 cm
Opening and closing force, max. 150 N	YES
Opening speed (incremental setting)	3350 Rpm
Supply voltage, frequency	AC 230V (50Hz) ± 5%
Power consumption	100 W
Class of protection	IP 54
Admissible temperature	-15 ° C to + 50 ° C
Position Switch	(Manual / Auto, single / double, on / off, full / half opening)
Digital LCD Display for error codes	YES
Compliant with EU Low Voltage Directive and EMC Directive	YES
Manufactured to ISO 9001	YES
Reliable activation and protection in automatic doors, with EN 16005 standard	YES

Detector Sensor	
Model Type	2 pieces (1 Vertical safety sensor , 1 Normal sensor) Switzerland "Primetec B & Primemotion C" BBC Bircher Smart



Motor

Brushed DC Motor

Modular

30 million possible combinations of brakes, motors, gearboxes, encoders, controllers...

Durable

Robust design

Maintenance free & low-wear

High IP classes

Adjustable

Individual solutions for shaft winding, plugs, software or special certificates and testing are our daily business

Harmonious

Great cost-performance ratio

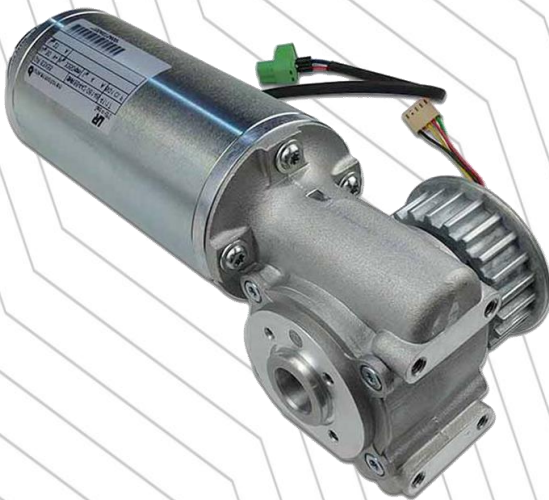
Perfectly harmonized electromechanics design

High overload capacity

The Dunkermotoren GR/G range (commutated DC motors) are notable for:

- Longer life than commutated motors from other manufacturers
- Low detent torques
- High efficiency
- High dynamic acceleration
- Good regulation characteristics
- Maintenance-free
- Robust design
- Low moment of inertia
- Extremely high short time overload capacity of the motor
- Surface protection
- Minimum interference radiation, optional interference suppression
- Protection up to IP 65 (GR 42, GR 53, GR 63, GR 63S, GR 80)
- High quality due to fully automated production lines

Dunkermotoren 63X55



Made in Germany

Detector sensor

Primetec B
Interior opening-closing and security.



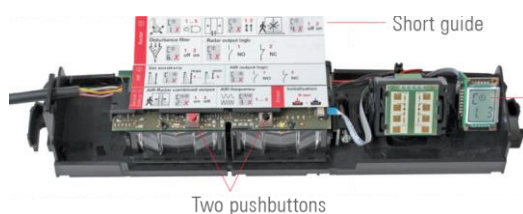
Primemotion C
Exterior opening-closing and security.



Detector sensor

PrimeTec B

Simple and straightforward operation via buttons and LCD
Precise positioning of the AIR curtain thanks to inclination angle display on a clear scale
Automatic recognition of the test input
Polarity reversal and short-circuit-proof radar and infrared outputs
Short guide fastened to the detector with a QR code that guides directly to the operating instructions.



Situation

Activation and simple protection of sliding doors

Solution

PrimeTec B for activation and protection on one side and PrimeMotion C for activation on the other side

Advantage

A complete sensor kit with standardized and modern design

PrimeMotion C

PrimeMotion C is a simple microwave motion detector in an elegant, small housing.

Practical and versatile:

One device, also for particularly tall and wide doors

Wide range of applications:

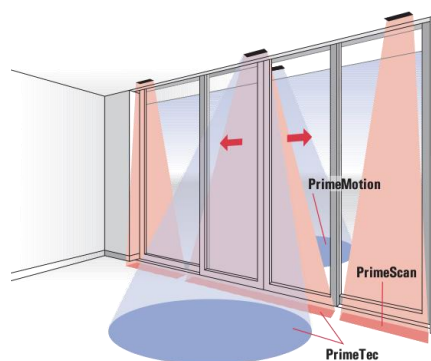
The adjustable field geometry and the radar module that can be tilted and swivelled mean the door activation can be optimally adjusted to the flow of persons traffic

Field properties for additional safety

- Can even be used with wide passage dimensions and high-level lights.
- Mounting height up to 4 meters with an AIR field width of 3.8 meters
- The AIR curtain replaces the light barrier

The benefits of radar and AIR technology in one sensor

- Dynamic activation and large detection areas thanks to radar technology
- Precise presence detection for protecting various danger points using AIR technology



Short startup:

Quick and easy startup with potentiometer

Reliable in many applications

PrimeMotion C ensures an optimum flow of people because of its ideal activation of automatic

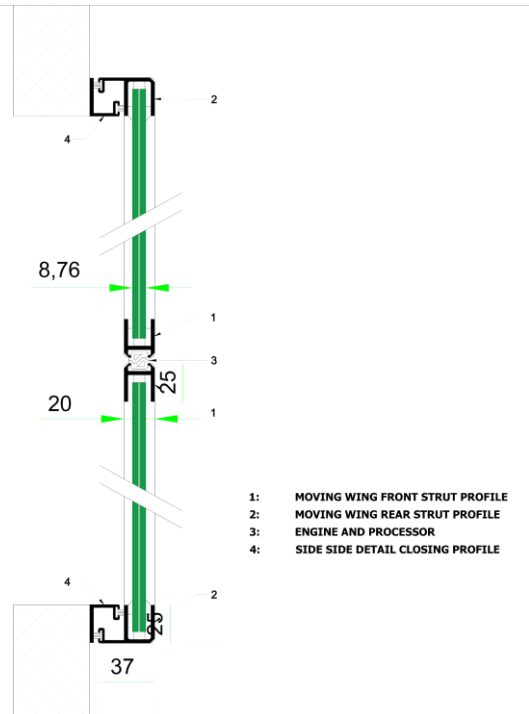
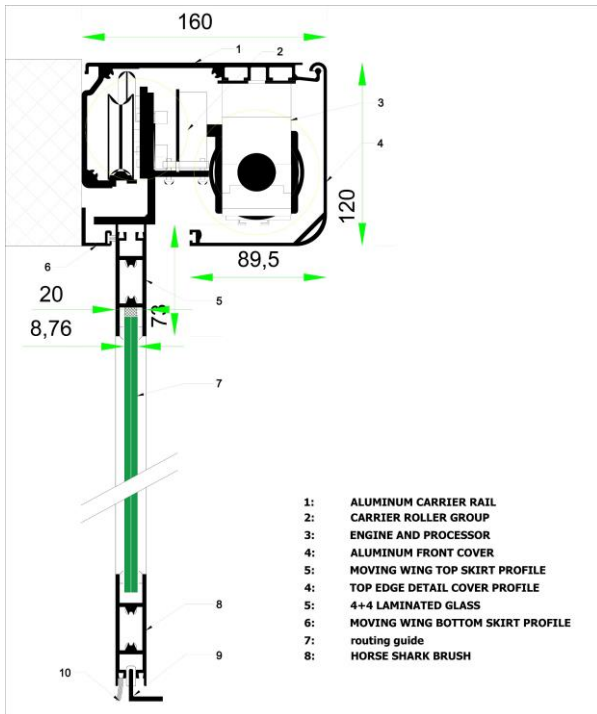
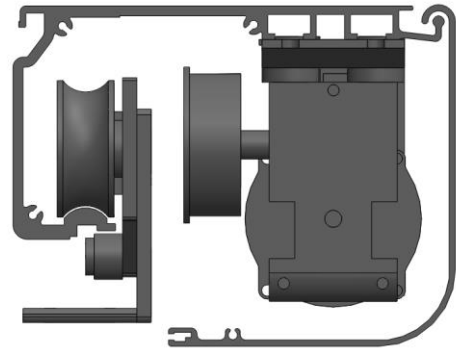
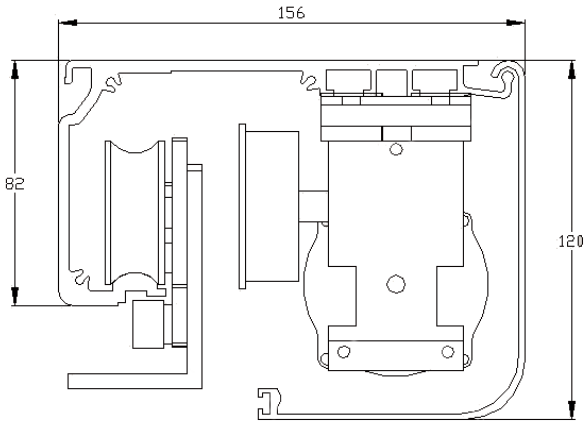
Situation

Activating sliding doors

Advantage

Reliable detection even with tall doors because of the possible installation height up to 4 m.

Dimension



Frameless Sliding Doors



Contact us



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