



HIGH  
SPEED  
DOORS

Dear Sir/Madam,

Thank you for downloading the documentation for our **Pack** door: the complete folding door for large industrial applications. In this accompanying letter, we would like to briefly inform you about the door. More importantly, we want to let you know that you can contact us for a customized specification if this does not meet your requirements.

The Pack rapid packaging door is suitable for both indoor and outdoor use. The door is specifically designed for large dimensions, heavy-duty usage, and demanding environments. Its performance in terms of wind resistance, thermal insulation, and durability is high.

The door is equipped with a light barrier. The door panel features windows with rounded corners. The fabric is available in sixteen colors. The electrical panel includes a control button, an emergency stop button, and a main switch. A knock button for the opposite side is included as standard.

The included specification text describes a standard external door. Naturally, many options are available. For these, please refer to the attached options sheet. Please contact us for a customized specification.

Best Regards,  
**BMP HIGH SPEED DOORS**

The team

All our deliveries/services are subject to the General Terms and Conditions of Sale. The General Terms and Conditions have been filed with the Chamber of Commerce and are available at our office upon request.



## Standards and Classifications

Applicable Regulations and Essential Characteristics:

- Standards EN 13241
- Machinery Directive 2006/42/EC
- EMC Directive 2014/30/EC
- Low Voltage Directive 2014/35/EC

Water tightness class 0 compliant with standard EN 12425, tested according to standard EN 12489.

Wind load resistance, dependent on dimensions, up to class 4 compliant with standard EN 12424, tested according to standard EN 12444.

Thermal transmittance coefficient  $U = W/m^2.K$ : 6.02, according to standard EN 12428.

Air permeability class 0 compliant with standard EN 12426, tested according to standard EN 12427.

Safety of the opening during vertical movement compliant with standard EN 12453, tested according to standard EN 12445.

Mechanical aspects - Requirements and test methods compliant with standard EN 12604, tested according to standard EN 12605.

Mechanical reliability according to standard EN 12604: 1,000,000 cycles, tested according to standard EN 12605.



### 30.62.25 ROLL-UP DOOR.

Manufacturer: BMP HIGH SPEED DOORS.

Type: Dynamicroll rapid opening door.

Position: External door.

- Opening speed: adjustable, maximum 0.8 m/s.
- Closing speed: adjustable, 0.8 m/s.
- Resistant to overpressure and under pressure.
- Width (mm): as indicated in the specification drawings.
- Height (mm): as indicated in the specification drawings.

#### **Door leaf**

- PVC fabric, opaque, 900 grams/m<sup>2</sup>: U = 6.02 W/m<sup>2</sup>K, in RAL .... (see options sheet);
- Horizontal reinforcement tubes related to this size and wind class.

#### **Windows**

- Transparent PVC, oval, from 850x300 mm to 1200x300 mm, depending on the width of the opening, one row.

#### **Door frame**

- Galvanized.
- Galvanized hood included above the motor.

#### **Guides**

- Galvanized steel;
- Tapered.

#### **Winding shaft**

- Aluminum.

#### **Anti-crash**

- Flexible and soft bottom bar;
- Zip attachment;
- Reintroduction slots in the guides.

#### **Operation**

- Automatic opening, electrically operated;
- Automatic closing, gravity.

#### **Control**

- Via 1 button on the control box, plus 1 release button (on the opposite side).

#### **Safety**

- Light barrier, built into the door frame;

#### **Motor**

- Electric motors with reducer, related to this type of door, speed, and dimensions.

**Control**

- Painted steel control box, IP54;
- Relay control;
- Motor thermal protection;
- Main switch;
- Emergency stop;
- Adjustment of time before automatic closing.

**Accessories**

- Wiring;
- Absolute encoder;
- Emergency unlocking;
- Emergency operation via crank.

**Wind resistance**

- < B 8000 mm x H 8000 mm, class 1 to class 4, EN 12424, available on a project basis;
- < B 8000 mm x H 8000 mm, class 1 to class 3, EN 12424, available on a project basis;
- < B 10000 mm x H 10000 mm, as per supplier's recommendations.

**Air permeability**

- Class 0, EN 12426.

**Expected lifespan**

- 1,000,000 cycles, EN 12604.



## Options Sheet

If you wish to implement any options, please contact us to obtain a customized technical sheet:

[Contact | BMP HIGH SPEED DOORS](#)

### Possible door colors, at no additional cost, approximate:

 RAL 1003 (signal yellow)	 RAL 5012 (light blue)	 RAL 7042 (traffic grey A)
 RAL 1015 (light ivory)	 RAL 6018 (yellow green)	 RAL 8017 (chocolate brown)
 RAL 2004 (pure orange)	 RAL 6026 (opal green)	 RAL 9005 (jet black)
 RAL 3002 (ermine red)	 RAL 7016 (anthracite grey)	 RAL 9010 (pure white)
 RAL 5002 (ultramarine blue)	 RAL 7035 (light grey)	
 RAL 5010 (gentian blue)	 RAL 7037 (dust grey)	

#### Control:

- PVC control box, IP65;
- 304 stainless steel control box, IP66;

#### Control components:

- Via radar impulse, BEA Falcon type, bi-directional or uni-directional.
- Via radar impulse, BEA Condor type (with stop detection), bi-directional or uni-directional.
- Via pull switch, including 4-meter cable, bi-directional or uni-directional.
- Via TofSpot radar, (range 6m1), bi-directional or uni-directional.
- 1-channel transmitter, knock button type, including remote control receiver.
- 2-channel transmitter, including remote control receiver.
- 4-channel transmitter, including remote control receiver.

#### Safety components:

- Photocell safety system, crossing the door panel.

#### Frame:

- 441 stainless steel, including covers on motors.
- 304 stainless steel, including covers on motors.
- 316 stainless steel, including covers on motors.

#### Other stainless steel components:

- Winding shaft assembly, 304 stainless steel.
- Brake, 304 stainless steel.

#### Emergency control:

- Emergency control via counterweight.

