BMP

HIGH SPEED DOORS



DynamicRoll® AIR

EPD®
THE INTERNATIONAL EPD® SYSTEM

TÜV SÜD

TECHNICAL DATA


HIGH SPEED
Up to 2,5 m/s


HIGH SAFETIES


WIND RESISTANCE


SELF-REPAIR


OIL FREE


LOW PERMEABILITY


ANTI INSECTS

MAXIMUM DIMENSIONS	**W** 4500 mm x **H** 8000 mm
SPEED	**Max opening speed** Up to 2,5 m/s
	Closing speed 0,8 m/s adjustable
CYCLES TEST	1.000.000
WIND RESISTANCE	3000 x 3000 Class 4 4500 x 5000 Class 3
STRUCTURE	Not self-supporting
FRAME / MOTOR COVER HOOD	**Standard** Galvanized steel
	Optional Powder coated Steel Stainless Steel 441/316
CURTAIN	**Standard** PVC curtain 1300 gr/m², 6 W/m²k
	Optional • Insulated • Translucent 35/40% • FDA (white) • Antistatic
SLIDING SYSTEM	Patented sliding system with high density Polyzene self- lubricant equipped of sliding zipper directly on curtain
VENTILATION SYSTEM	1Kw / linear meter of useful height
AIR FLOW OF AIR SYSTEM	10 m/s
CONTROL PANEL	**Standard** coated steel panel IP54 (300 x 500 x 150 mm)
	Optional • Stainless steel • PVC panel IP65 (300 x 400 x 150 mm)
	Inverter 50/60 Hz with absolute encoder
	Power supply 1-ph, 230V
	Power supply 3-ph, 400V+N
	Power supply 3-ph, 230V
	Start/Stop button
	2 free contacts (door open / closed / alarm)
	Automatic/Manual Interlocking between 2 doors
	IP54 rating for motor and control panel
WIRING	Plug and Play system IP65
SAFETIES	**Standard** • IP65 photocells set • Anti-jam sensor reverse • IP65 wifi safety edge
	Optional • H 2500 IP67 Multi ray light curtain barrier
EMERGENCY OPENING	**Standard** Hand crank
	Optional Chain system Counterweight system UPS Battery
ADVISING OPERATIVE TEMPERATURE	Operating till - 30˚C with addition of heating kit - Not adapt to be installed in negative / positive temperature

The **DynamicRoll® AIR** is an industrial self-repairing high-speed door with fans - positioned in the columns - that create an air curtain to separate two environments, or to reduce contaminants entering.
The **DynamicRoll® AIR** is designed to separate two high-traffic environments, with different temperatures or humidity, with a double side ventilation system, with air recycling to avoid turbulence on the floor.
The specifically designed zip guide system allows the curtain to exit the guides in the event of impact and reinsert in one cycle.

For more information, download the complete datasheet

CLICK HERE

PVC CHARACTERISTICS

STANDARD PVC

Composition and tests

EXTERNAL SIDE			
Material	*Finishing*	*Color*	*Thick*
PVC	Opaque	18 standard	0,7 mm
FABRIC			
Material	*N. tarps*	*Title*	*EN 2286-2*
PES	1	1100Dtex 12x12	900 g/m²
INTERNAL SIDE			
Material	*Finishing*	*Color*	*Thick*
PVC	Rough	18 standard	0,2 mm

Characteristics

THICK
ISO 2286/3
(mm) 0,9±0,1

WEIGHT
ISO 2286/2
(kg/m2) 0,90±0,1

Colors



Translucent Antistatic available
FDA (Food Drug Administration) certificated pvc available

INSULATED PVC

Composition and tests

EXTERNAL SIDE			
Material	*Finishing*	*Color*	*Thick*
PVC	Straight	6 standard	0,5 mm
FABRIC			
Material	*N. tarps*	*Title*	*EN 2286-2*
PES	1	1100Dtex 12x12	1350 g/m²
INTERNAL SIDE			
Material	*Finishing*	*Color*	*Thick*
PVC	Sponge	6 standard	7 mm

Characteristics

THICK
ISO 2286/3
(mm) 7,0±0,1

WEIGHT
ISO 2286/2
(kg/m2) 1,7±0,1

Colors



OPTIONAL ACCESSORIES

RADAR



OPENING POINTING RADAR
TOF/SPOT
for internal use only



INFRARED RADAR
with cross-movement
adjustment



INFRARED RADAR
motion and presence
(pedestrian/forklift) radar

TRAFFIC LIGHTS



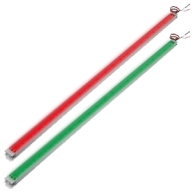
GREEN FIXED STANDARD
traffic light



RED FIXED STANDARD
traffic light



LED TRAFFIC LIGHT
with countdown



LED TRAFFIC LIGHT BARRIERS
(connection card included)

BUTTONS



OPENING GREEN BUTTON
with box



OPENING BLACK BUTTON
with box



FREEZE STOP BUTTON
with box



NO TOUCH BUTTON



TRAFFIC LIGHT BUTTON
DUAL-FUNCTION
opening and
intermittent door
opening/closing
signaling



WIND GAUGE



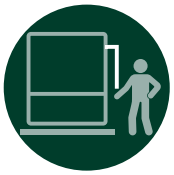
KEY SELECTOR



REMOTE CONTROL



BOLLARD B-PROTECT



PULL CORD SWITCH



MAGNETIC LOOP DETECTOR

Quality products since 1997

BMP EUROPE HIGH SPEED DOORS
Strada della Freisa 1 - Villanova d'Asti 14019 (AT)
+39 0141 948843
www.bmpdoors.com - info@bmpeurope.eu

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