
BMP
HIGH SPEED DOORS
CB 125 TM
EPD
INTERNATIONAL EPD SYSTEM
CERTIFIED
ISO 5
CLEANROOM

TECHNICAL DATA

±50Pa
AIR PERMEABILITY

HIGH SAFETIES

SELF-REPAIRING*

OIL FREE

HIGH SPEED
Up to 2,5 m/s

GRAVITY TECHNOLOGY

MAXIMUM DIMENSIONS	**W** 4000 mm x **H** 4000 mm
SPEED	**Max opening speed** Up to 2,5 m/s
	Closing speed 0,8 m/s
CYCLES TEST	1.000.000
AIR PERMEABILITY	**Standard** Class 2 **Optional** Class 5 *with patented magnetic system*
STRUCTURE	Not self-supporting
FRAME / MOTOR COVER HOOD	**Standard** Galvanized Steel
	Optional • Powder coated Steel • Stainless Steel 441/316
CURTAIN	**Standard** PVC curtain 900 gr/m²
	Optional • Insulated • Translucent 35/40% • FDA (white) • Antistatic
SLIDING SYSTEM *lubrication-free*	Patented sliding system with high density Polyzene self-lubricant equipped of sliding zipper directly on curtain
CONTROL PANEL	**Standard** Powder coated steel box IP54 (300 x 500 x 150 mm)
	Optional • Stainless Steel • PVC box IP65 (300 x 400 x 150 mm)
	Inverter system 50/60 Hz with absolute encoder
	Power supply 1-ph, 230V max 16A
	Power supply 3-ph, 400V max 10A
	Power supply 3-ph, 230V max 16A
	Start/Stop Button
	2 free contacts (door open/ closed/ alert)
	Automatic/ Manual Interlocking between 2 doors
	IP rating for motor and control panel IP54*****
WIRING	Plug and Play system IP65
SAFETIES	**Standard** • Photocells set IP65 • Anti-jam sensor reverse • WiFi safety edge IP65
	Optional Multi ray light curtain barrier H2500 IP67
EMERGENCY OPENING	**Standard** Mechanical key
	Optional UPS battery
ADVISING OPERATIVE TEMPERATURE	Operating till - 10°C * with heating kit added - Not apt to be installed in negative/positive temperature

DynamicRoll® CB 125 TM is a self-repairing door with a brushless tubular motor integrated in the roller. This configuration eliminates side encumbrances and optimises energy efficiency by up to 97%, providing increased starting torque and 30% faster opening speed. Designed for sterile overpressure environments, the **CB 125 TM** maintains airtightness and low air permeability, facilitating flow control in pressure-controlled environments.
The self-supporting structure, with no visible bolts, ensures maximum hygiene and mechanical stability, while the flexible curtain with no metal reinforcement protects operators and equipment, with a self-repairing system in the event of impacts.



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 Insulated available Antistatic available

FDA CERTIFICATED PVC

Food Drug Administration

TECHNICAL DATA

Composition and tests

TOP FACE COATING			
Material	*Finish*	*Color*	*Thickness*
PUR	Opaque	White	0,6 mm
FABRIC			
Material	*N. tarps*	*Title*	*EN 2286-2*
PET	1	2200 Dtex 12x12	1500 g/m²
UNDERSIDE COATING			
Material	*Finish*	*Color*	*Thickness*
PUR	Plain	White	0,6 mm

Characteristics

THICKNESS
ISO 2286/3
(mm) 1,20±0,1

WEIGHT
ISO 2286/2
(kg/m2) 1,30±0,1

TENSILE STRENGTH WARP
ISO 1421
6000 N / 50mm

Disclaimer

The information contained in this document describes the features of the BMP EUROPE product as tested in a laboratory, other indications excepted, environment at a temperature of +23 degrees °C at 50% relative humidity. It does not necessarily reflect the conditions of industrial use and it does not guarantee the product to be suitable for certain applications. The client remains liable for the proper selection and correct use of the BMP EUROPE product. BMP EUROPE cannot be held responsible should

CRISTAL CHARACTERISTICS
PVC SUPERCLEAR



SUITABLE ONLY FOR POSITIVE TEMPERATURE ENVIRONMENTS

WINDOWS - *CRISTAL*
TECHNICAL DATA

Article	SUPERCLEAR 0.75 mm FR

Technical specifications	Standards	Unit	Values
Thickness	-	mm.	0.75
PVC total weight	-	g/m2	940
Light transmission	JIS K - 7361	%	87.5

OPTIONAL ACCESSORIES

RADAR



OPENING POINT 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

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09/2026