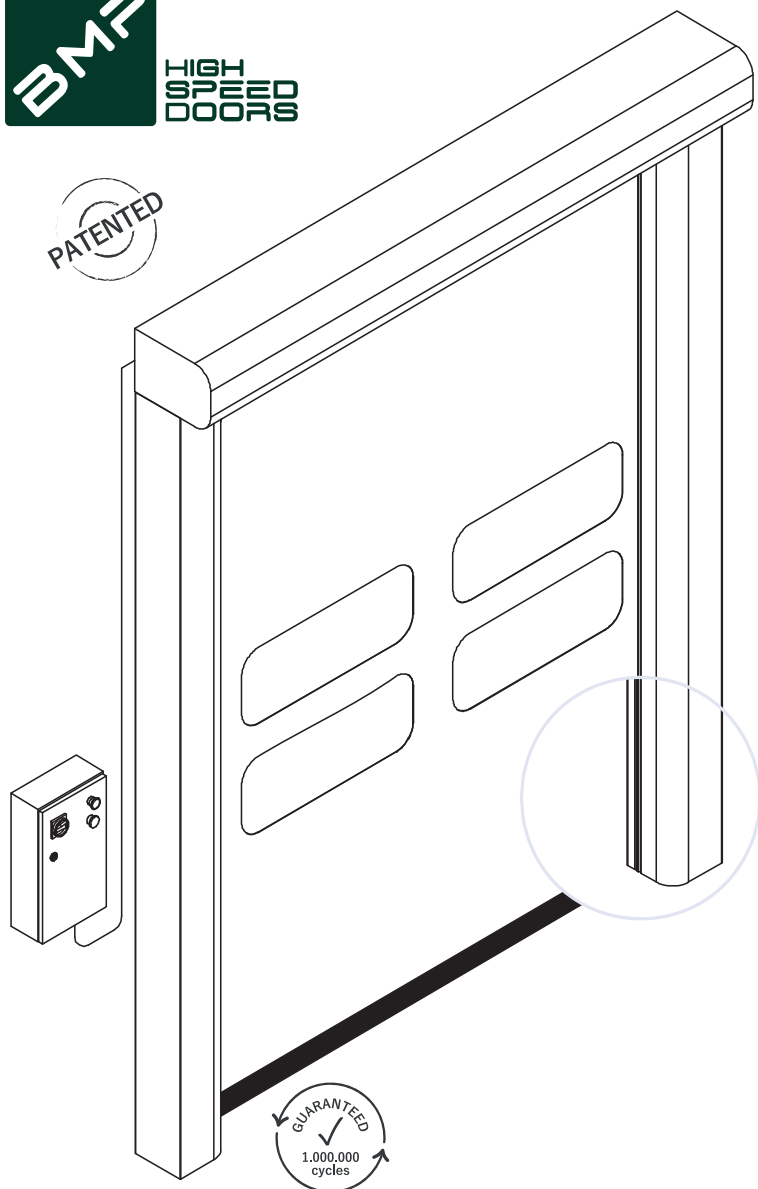


* SYSTEM ON DEMAND
CAUSE IT COULD CHANGE AIR
PERMEABILITY VALUES

DYNAMICROLL® CB 230

DESCRIPTION

DynamicRoll® **CB 230** is a self-repairing* roll up door designed to separate overpressured sterile environments, thanks to its sealing ensures controlled pressure leakage allowing the ventilation systems and air purification to operate correctly.

Equipped with counterweight the door can manage the opening even in case of power failure. Thanks to its special compact frame and to the special sliding system door has a low permeability to be suited for controlled environments.

Thanks to the special sliding system, that lets the curtain, without rigid elements inside it, come out from the guides, to protect itself in case of any impact during the operation of the door and allows it to reinsert after one cycle.

DynamicRoll® name assure the safety of staff, thanks to its curtain without rigid horizontal elements.

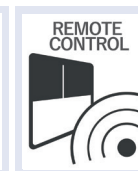
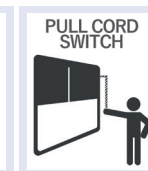
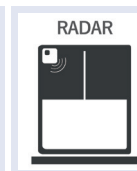
ADVANTAGES

- ✓ Self-repairing *
- ✓ Sealing
- ✓ Noiseless
- ✓ No rigid elements inside the curtain for 100% safety
- ✓ Plug & play (easy to install)
- ✓ Low maintenance
- ✓ Energy savings
- ✓ Emergency opening with automatic counterweight

APPLICATION

Door ideal for:

- ✓ Pharmaceutical
- ✓ Food procees
- ✓ Pressure controlled enviroments
- ✓ Clean rooms



EN13241/CE

Standard	Ref.	Test acc.	Results
Water permeability	EN 12425	EN 12489	Class 1
Wind load	EN 12424	EN 12444	Class 2
Wind permeability	EN 12426	EN 12427	Class 2
Safe openings	EN 12453	EN 12445	✓
Mechanical resistance	EN 12604	EN 12605	✓
Unintended movements	EN 12604	EN 12605	✓
Thermal transmittance	EN 12428	EN 12428	6,02 W/m²K
Performance (cycles)	EN 12604	EN 12605	1.000.000

VALUES CAN CHANGE DEPENDING ON DOOR DIMENSIONS

FEATURES	
Maximum dimensions	W 4500 mm x H 4500 mm
Speed	Max opening speed up to 2,5 m/s
	Closing speed 0,8 m/s
Wind resistance	Class 2
Structure	Self-supporting
Frame / motor cover hood	Standard: Galvanized Steel
	Optional: Powder coated steel Stainless Steel 441/ 316
Curtain	Standard: PVC curtain 900 gr/m ²
	Optional: Insulated 7 mm, 3.3 W/m ² k Translucent 35/40% FDA (white) Antistatic
Sliding system	Patented sliding system with high density Polyethylene 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/ allarme)
	Automatic/ Manual Interlocking between 2 doors
	IP rating for motor and control panel IP54
Wiring	Plug and Play system IP65

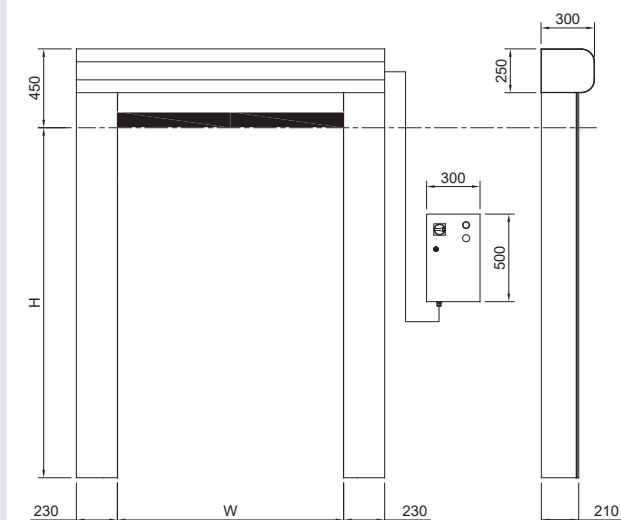
FEATURES	
Safeties	Standard: Photocells set IP65 Anti-jam sensor reverse WiFi safety edge IP65
	Optional: Multi ray light curtain barrier H2500 IP67
Emergency opening	Standard: Counterweight system
	Optional: UPS Battery
Advising operative temperature	Operating till - 10° C * with heating kit added - Not apt to be installed in negative/positive temperature
Cycles (EN 12604)	1.000.000 (tested)

SLIDING SYSTEM / SELF-REPAIRING *

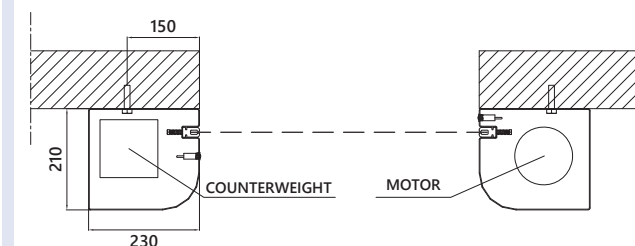


* SYSTEM ON DEMAND CAUSE IT COULD CHANGE AIR PERMEABILITY VALUES

DOOR SPACE REQUIREMENTS



FIXING DETAILS



AVAILABLE COLOURS

Simil RAL 9010 
Simil RAL 1015 
Simil RAL 1003 

Simil RAL 2004 
Simil RAL 3002 
Simil RAL 6026 

Simil RAL 7042 
Simil RAL 7037 
Simil RAL 7035 

Simil RAL 5012 
Simil RAL 5002 

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