
BMP
HIGH SPEED DOORS
DynamicRoll® 90
EPD
INTERNATIONAL EPD SYSTEM
TÜV SÜD

TECHNICAL DATA


SELF-REPAIR


HIGH SPEED
Up to 2,5 m/s


SAFE


WIND
RESISTANCE


OIL FREE


GRAVITY
TECHNOLOGY

MAXIMUM DIMENSIONS	**W** 6.500 mm x **H** 6.500 mm
SPEED	**Max opening speed** Up to 2,5 m/s
	Closing speed 0,8 m/s
CYCLES TEST	1.000.000
WIND RESISTANCE	3.000 x 3.000 Class 3
	5.000 x 5.000 Class 2
STRUCTURE	Not self-supporting
FRAME / MOTOR COVER HOOD	**Standard** Stainless steel 441/304
	Optional Stainless steel 316
CURTAIN	**Standard** PVC curtain 1.300 g/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
WIRING	Plug and Play system IP65

CONTROL PANEL	**Standard** Powder coated steel box IP54 (300 x 500 x 150 mm)
	Optional • Stainless Steel • PVC box (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/ alarm)
	Automatic/ Manual Interlocking between 2 doors
	IP rating for motor and control panel IP54
SAFETIES	**Standard** • Photocells set IP65 • Anti-jam sensor reverse • WiFi safety edge IP65 • Wireless
	Optional Multi ray light curtain barrier H2500 IP67
EMERGENCY OPENING	**Standard** Hand crank
	Optional Chain system Counterweight system UPS battery
ADVISING OPERATIVE TEMPERATURE	Operating till - 30°C with heating kit added - Not apt to be installed in negative/positive temperature

For more information, download the complete datasheet

CLICK HERE

DynamicRoll® 90 is a self-repairing roll up door designed to reach different kinds of applications, both internal and external, allowing the traffic flows and assuring high safety. 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.

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

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 (Food Drug Administration) certificated pvc available

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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