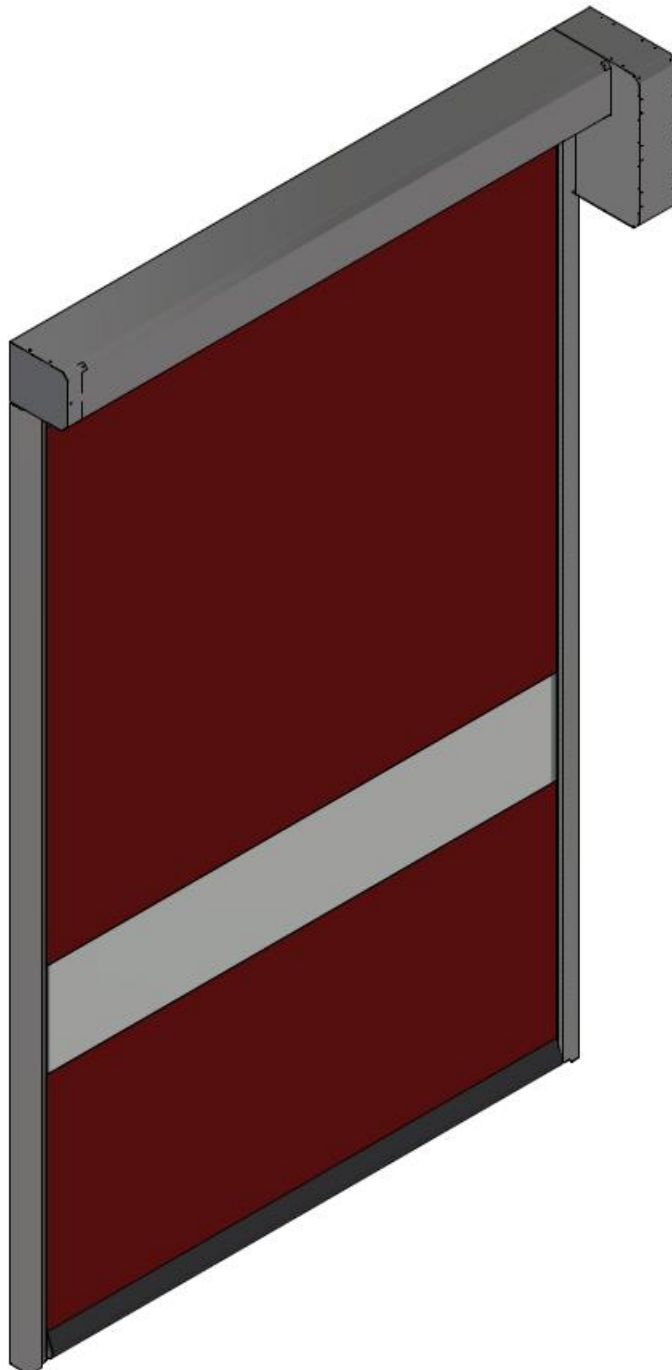


Riga door systems RDS3000

Rapid roll-up door with self-repairing curtain

RDS3000 doors are manufactured in accordance with **EN 13241:2003+A2:2016** standart. This version is available for highly intensive use, fitted with the special and innovative self-repair system. Possibility of applying the *INVERTER motion* device for differentiated adjustment of opening and closing speeds, as well as guaranteeing high performances.

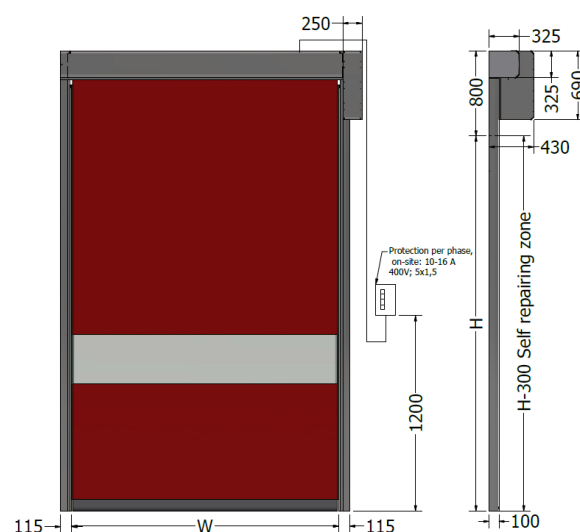


Product specifications

Riga door systems RDS3000

Door Technical Information

Dimensions max	W 5000 x H 5000 mm
Power supply	400 V 3-phase 10 A for single speed version 230 V single-phase 16 A for INVERTER motion
Frequency supply	50/60 Hz
Power of motor	0,9 kW
Max current for 24 Vdc accessories	0,4 A
Opening speed	0,7 m/s for GFA 80 - 3 phase 2,2 m/s for GFA250 - 1 phase 1,2 m/s for RDS135 - 1 phase 0,8 m/s for RDS100 - 1 phase 0.7 m/s up to 0,9 m/s for INVERTER motion version
Closing speed	
IP degree for control board	IP54; IP65
Wind resistance class - EN 12424:2000	class 2 ≤ W 3000 x H 5000 mm class 1 > W 3000 ≤ W 4000 x H 5000 mm class 0 > W 4000 ≤ W 5000 x H 5000 mm



Air permeability - EN 12426:2000	class 0
Water permeability - EN 12425:2000	class 0
Thermal resistance - EN 12428:2013	6.8 W/m² K
Life cycles	1.000.000
Number of operation per day and per hour	600 cycles/day - max 120 cycles/hour
Intermittence / Operating level	S2 = 60 minutes / S3 = 60%
Closing door safety devices EN 12453 (test EN 12445)	Door line Photocells + Top Photocells for safety edge function
Emergency opening	Manual crank
Recommended operating temperature (motor + control board)	- 5 °C ÷ + 50°C
Recommended operating temperature (curtain)	- 5°C ÷ + 50°C
Frame	standard in hot galvanised steel optional - AISI 304 stainless steel
Available Certifications : N°, date, organisme	Reference 1290568-2; 1290568-4, issued by an Accredited Testing Laboratory RISE

Curtain Technical Information

Standard curtain	
Weight	900 g/m²
Type of material	polyester fabric PVC coated on both sides - availability of transparent PVC windows
Polyester thickness	0.7 mm for standard colors
Vertical reinforcement strips	black PVC
Thermal resistance coefficient	5.69 W/m² K
Noise reduction	~ 12dB
Reaction to fire	not self-extinguishing
Colors (similar to the specified RAL code)	White ≈RAL9010 Yellow ≈RAL1003 Orange ≈RAL2004 Blue ≈RAL5002 Green ≈RAL6026 Grey ≈RAL7037 Metal Grey ≈RAL9006
Windows	clear PVC 2 mm W x H 560 mm

Frame requirements

