

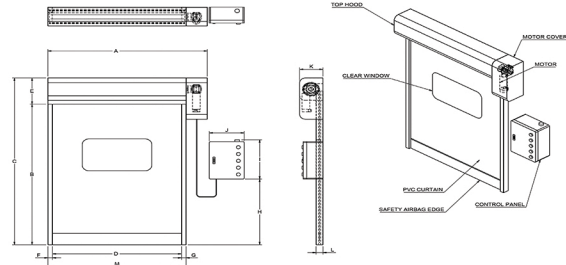
When performance matters, KINVAR delivers

PRODUCT OVERVIEW

KINVAR RR Series is a high-performance rapid roll door engineered for demanding industrial environments requiring speed, reliability, and operational efficiency. Designed for continuous operation, the system integrates precision drive technology, durable materials, and safety-first design.



DIMENSION DIAGRAM



KEY FEATURES

- High-speed operation up to 1.8 m/s
- Servo motor with direct drive precision system
- High-cycle performance up to 1000 cycles per day
- Compact footprint for space-constrained installations
- Reinforced flexible curtain for durability
- Low maintenance design with extended operating life
- Integrated safety and control architecture

APPLICATION AREAS

Sector	Use Case
Warehousing	Internal traffic flow separation
Logistics	High-frequency loading zones
Manufacturing	Process isolation and speed optimization
Retail Back-end	Stockroom access control
Cold Chain (light duty)	Temperature zone separation
Parking Facilities	Fast vehicle access control

WINDOW OPTIONS

Window Type	Size Options	Description
Rectangular Vision Panel	300 × 600 mm	Standard visibility panel
Full Width Strip Window	Custom width	Continuous horizontal viewing
Reinforced Transparent Section	Custom	Heavy-duty clear PVC integration

OPTIONS AND ACCESSORIES

Category	Options
Control	Push button, remote control, radar sensor, loop detector
Safety	Light curtain, additional photocells
Curtain	Reinforced curtain, anti-static curtain
Frame	Stainless steel upgrade
Sealing	Enhanced sealing for dust control
Control System	PLC integration, BMS interface
Operation	UPS backup system
Automation	Interlock system for airlock applications

AVAILABLE COLORS (RAL STANDARD)

Blue	RAL 5005
Red	RAL 3002
Grey	RAL 7035
White	RAL 9016
Yellow	RAL 1023

INSTALLATION REQUIREMENTS

Parameter	Requirement
Mounting Type	Face mount internal
Headroom	Minimum 600 mm
Side Clearance	Minimum 300 mm
Floor Condition	Level industrial floor required
Power Requirement	Dedicated electrical supply

TECHNICAL SPECIFICATIONS

Parameter	Specification
Opening Size Range	2000 to 5000 mm
Standard Sizes	2000, 2500, 3000, 3500, 4000, 5000 mm
Opening Speed	0.8 to 1.8 m/s
Closing Speed	0.6 to 1.0 m/s
Wind Resistance	Class 2 to Class 3
Curtain Material	PVC flexible curtain, 0.8 to 1.2 mm
Frame Material	Painted galvanized steel, 2.0 mm
Motor	Servo motor, 0.75 to 1.5 kW
Drive System	Direct drive
Power Supply	220V or 380V, 50/60Hz
Control System	Integrated control panel with multi-input interface
Safety Features	Photocell, safety edge
Sealing	Side brush seals, bottom rubber seal
Duty Cycle	Up to 1000 cycles per day
Noise Level	<70 dB
Protection Rating	IP54
Installation Type	Internal, face mount
Operating Life	Up to 1,000,000 cycles

COLOR CHAT



COMPLIANCE AND STANDARDS

Standard	Description
CE	European conformity standard
EN 13241	Industrial door safety and performance
Electrical Compliance	IEC standard components
Safety Compliance	Integrated safety system design

SERVICE AND MAINTENANCE

- Designed for low maintenance operation
- Modular components for quick replacement
- Remote troubleshooting capability (optional)
- Recommended periodic inspection every 6 months

WARRANTY AND SUPPORT

- Designed for low maintenance operation
- Modular components for quick replacement
- Remote troubleshooting capability (optional)
- Recommended periodic inspection every 6 months

Designed for high reliability under continuous industrial use. Optimized for performance and operational efficiency. System architecture supports future upgrades. Reliability under pressure. Safety is integrated into design. Support is part of the system. Systems prove value in operation.