



uzel
fast and solid doors



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RAPIDA DOOR

HIGH SPEED PVC ROLL UP DOOR

High Speed Door for interior & exterior applications



ROBUST AND OPTICAL | TECHNICAL SPECIFICATIONS

- Safe and for continuous operations
- Self-Supporting construction with anti-crash protection system for bottom profil
- Smooth and silent opening and closing
- Can be equipped with full vision PVC curtain
- Modular interchangeable panels permit to replace worn or damaged panels
- Advance and robust control device

Door Type		Roll-up
Use	Internal / External Door	Standard
Door Sizes	Max Width	6000 mm
	Max Height	6000 mm
Speed	Inverter Motion system to adjust different speeds, with progressive control of acceleration & deceleration during braking	
	Opening Speed up to	3,0 m/s
	Closing Speed	0,8 m/s
Security Features	EN 13241-1	Standard
Resistance to Wind Load	EN 12424	up to Class 2
Curtain Stabilisation / Wind Load		Aluminium anodized windbars
Curtain	Fabric	0.9 - 1.5 mm
	Transparent PVC section	2.0 mm
Guide Material / Surface	Aluminium Anodized	Standard
	Painting in any RAL color	Optional
	Stainless Steel SS 316 matte finish	Optional
Shaft / Operator Cover	Straight	Optional
Operator and Control (German brand)	Connecting Voltage	220V - 1ph, N
	Open-Stop-Close Button	Standard
	Protection Category (Operator / Control)	IP 54 / IP 65
	Emergency-OFF Button	Standard
	Closing Zone Monitoring	Light Curtain
		optical safety edge
	External Route Monitoring	Photocell
	Door area Monitoring	Radar Presence Detector
		Induction Loop
	Electronic Limit Switch	Standard
Emergency Opening	Crank Handle	Standard
	Counterweight system	Optional
	Chain	Optional
Standard Curtain Colours	Blue Similar to RAL 5010	Red Similar to RAL 3002
	Yellow Similar to RAL 1018	Grey Similar to RAL 7035
	Orange Similar to RAL 2004	Green Similar to RAL 6005
	White Similar to RAL 9010	Aluminium grey Similar to RAL 9006

IZODOOR HIGH SPEED INSULATED ROLL UP DOOR

High Speed Door for interior & exterior applications



QUICK, ENERGY SAVING AND AIR TIGHT DOOR | TECHNICAL SPECIFICATIONS

- Designed specifically for temperature controlled rooms with both positive and negative temperatures
- Curtain made of special insulated material with hidden supported windbars
- Heating elements prevents ice formation even during intensive cooling
- Self-Supporting construction with anti-crash protection system for bottom profil
- Curtain can be produced (optional) from B2 fireproof certificated insulation material
- Operating temperature range between +5 °C to -30 °C

Door Type		Roll-up
Use	Internal / External Door	Standard
Door Sizes	Max Width	4500 mm
	Max Height	4500 mm
Speed	Inverter Motion system to adjust different speeds, with progressive control of acceleration & deceleration during braking	
	Opening Speed up to	2,0 m/s
	Closing Speed	0,8 m/s
Security Features	EN 13241-1	Standard
Resistance to Wind Load	EN 12424	Class 1
Transmission of heat	EN 12428	2,40 W/m²K
Curtain	Insulated Fabric 13.0 mm	Standard
Guide Material / Surface	Aluminium Anodized	Standard
	Painting in any RAL color	Optional
Shaft / Operator Cover	Straight	Standard
Operator and Control (German brand)	Connecting Voltage	230V - 1 ph, N
	Open-Stop-Close Button	Standard
	Protection Category (Operator / Control)	IP 54 / IP 65
	Emergency-OFF Button	Standard
	Closing Zone Monitoring	Light Grille IP 67
	External Route Monitoring	Optional
		Photocell
	Optical safety edge	Standard
		Standard
	Door area Monitoring	Optional
		Radar Presence Detector
	Induction Loop	Optional
		Optional
	Electronic Limit Switch	Standard
Emergency Opening	Crank Handle	Standard
	Chain	Optional
Standard Curtain Colours	Blue Similar to RAL 5010	Red Similar to RAL 3002
	Yellow Similar to RAL 1018	Grey Similar to RAL 7035
	Orange Similar to RAL 2004	Green Similar to RAL 6005
	White Similar to RAL 9010	Aluminium grey Similar to RAL 9006

ALUSPEED DOOR

HIGH SPEED ALUMINIUM ROLL UP DOOR

High Speed Door for interior & exterior applications



HIGH TECH ROLL UP FAST ALUMINIUM DOOR | TECHNICAL SPECIFICATIONS

- Ideal solution in areas with high demand for logistics efficiency and heavy traffic
- Automatic super fast opening and closing
- Reduces leakage of heat and air, heat preservation
- Moveable shaft system
- No torsion spring, less need for spareparts, minimum cost
- Patented rubber drive method

Door Type		Roll-up
Use	Internal / External Door	Standard
Door Sizes	Max Width	5500 mm
	Max Height	5500 mm
Speed	Inverter Motion system to adjust different speeds, with progressive control of acceleration & deceleration during braking	
	Opening Speed up to	3,0 m/s
	Closing Speed	0,7 m/s
Security Features	EN 13241-1	Standard
Resistance to Wind Load	EN 12424	Class 3
Door Leaf Material / Surface	Polyurethane filled RAL 9006 aluminium lamella	Standard
Curtain	Aluminium 19.0 mm	Standard
Guide Material / Surface	Aluminium Anodized	Standard
	Painting in any RAL color	Optional
Shaft / Operator Cover	Straight	Optional
Operator and Control (German brand)	Connecting Voltage	1-phase 220V - 1 ph, N
		3-phase 380V - 3 ph, N
	Open-Stop-Close Button	
	Protection Category (Operator / Control)	
	Emergency-OFF Button	
	Closing Zone Monitoring	Light Grille IP 67
	External Route Monitoring	Photocell
	Door area Monitoring	Radar Presence Detector
		Induction Loop
	Electronic Limit Switch	
	Emergency Opening	Crank Handle
		Chain
Standard Curtain Colours	White Similar to RAL 9016	Brown Similar to RAL 8014
	Ivory Similar to RAL 1015	Green Similar to RAL 6005
	Light beige	Anthracite grey Similar to RAL 7016

GLASS-LOOK DOOR HIGH SPEED ALUMINIUM ROLL UP DOOR

High Speed Door for interior & exterior applications



HIGH TECH ROLL UP FAST & FASHION DOOR | TECHNICAL SPECIFICATIONS

- Ideal solution in areas with high demand for logistics efficiency and heavy traffic
- Automatic super fast opening and closing
- Reduces leakage of heat and air, heat preservation
- Moveable shaft system
- No torsion spring, less need for spareparts, minimum cost
- Glass-look 90% clear vision made of polycarbon
- Patented rubber drive method

Door Type		Roll-up	
Use	Internal / External Door		
Door Sizes	Max Width	4000 mm	
	Max Height	5000 mm	
Speed	Inverter Motion system to adjust different speeds, with progressive control of acceleration & deceleration during braking		
	Opening Speed up to	2,0 m/s	
	Closing Speed	0.7 m/s	
Security Features	EN 13241-1	Standard	
Resistance to Wind Load	EN 12424	up to Class 2	
Door Leaf Material / Surface	Aluminium Anodized polycarbon windows	Standard	
	RAL 9006 aluminium inside polycarbon	Standard	
Guide Material / Surface	Aluminium Anodized	Standard	
	Painting in any RAL color	Optional	
Shaft / Operator Cover	Straight	Optional	
Operator and Control (German brand)	Connecting Voltage	1-phase	220V - 1 ph, N
		3-phase	380V - 3 ph, N
	Open-Stop-Close Button		Standard
	Protection Category (Operator / Control)		IP 54 / IP 65
	Emergency-OFF Button		Standard
	Closing Zone Monitoring	Light Grille IP 67	Standard
	External Route Monitoring	Photocell	Optional
	Door area Monitoring	Radar Presence Detector	Optional
		Induction Loop	Optional
	Electronic Limit Switch		Standard
	Emergency Opening	Crank Handle	Standard
		Chain	Optional
Standard Curtain Colours	 White Similar to RAL 9016	 Brown Similar to RAL 8014	
	 Ivory Similar to RAL 1015	 Green Similar to RAL 6005	
	 Light beige	 Anthracite grey Similar to RAL 7016	



SEMI-LOOK DOOR HIGH SPEED ALUMINIUM ROLL UP DOOR

High Speed Door for interior & exterior applications

HIGH TECH ROLL UP FAST & FASHION DOOR | TECHNICAL SPECIFICATIONS

- Ideal solution in areas with high demand for logistics efficiency and heavy traffic
- Automatic super fast opening and closing
- Reduces leakage of heat and air, heat preservation
- Moveable shaft system
- No torsion spring, less need for spareparts, minimum cost
- 90% clear vision with polycarbon window
- One lamela close, one lamela polycarbon window system

Door Type		Roll-up	
Use	Internal / External Door		
Door Sizes	Max Width	5000 mm	
	Max Height	5000 mm	
Speed	Inverter Motion system to adjust different speeds, with progressive control of acceleration & deceleration during braking		
	Opening Speed up to	2 m/s	
	Closing Speed	0.7 m/s	
Security Features	EN 13241-1	Standard	
Resistance to Wind Load	EN 12424	up to Class 3	
Door Leaf Material / Surface	Aluminium Anodized polycarbon windows	Standard	
	RAL 9006 aluminium inside polycarbon	Standard	
Guide Material / Surface	Aluminium Anodized	Standard	
	Painting in any RAL color	Optional	
Shaft / Operator Cover	Straight	Optional	
Operator and Control (German brand)	Connecting Voltage	1-phase	220V - 1 ph, N
		3-phase	380V - 3 ph, N
	Open-Stop-Close Button		Standard
	Protection Category (Operator / Control)		IP 54 / IP 65
	Emergency-OFF Button		Standard
	Closing Zone Monitoring	Light Grille IP 67	Standard
	External Route Monitoring	Photocell	Optional
	Door area Monitoring	Radar Presence Detector	Optional
		Induction Loop	Optional
	Electronic Limit Switch		Standard
	Emergency Opening	Crank Handle	Standard
		Chain	Optional
Standard Curtain Colours	 White Similar to RAL 9016	 Brown Similar to RAL 8014	
	 Ivory Similar to RAL 1015	 Green Similar to RAL 6005	
	 Light beige	 Anthracite grey Similar to RAL 7016	

GRILL DOOR HIGH SPEED AIRFLOW ROLL UP DOOR

High Speed Door for interior & exterior applications



HIGH TECH ROLL UP AIRFLOW DOOR | TECHNICAL SPECIFICATIONS

- Ideal solution for places that (65% - 75%) airflow need
- Automatic super fast opening and closing
- Solution for carpark, garages
- Moveable shaft system
- No torsion spring, less need for spareparts, minimum cost

Door Type			Roll-up
Use	Internal / External Door		Standard
Door Sizes	Max Width		4000 mm
	Max Height		5500 mm
Speed	Inverter Motion system to adjust different speeds, with progressive control of acceleration & deceleration during braking		
	Opening Speed up to		3 m/s
	Closing Speed		0.7 m/s
Security Features	EN 13241-1		Standard
Resistance to Wind Load	EN 12424		Class 0
Door Leaf Material / Surface	Aluminium Alloy, Anodized		Standard
	Painting in any RAL color		Optional
Guide Material / Surface	Aluminium Anodized		Standard
	Painting in any RAL color		Optional
Shaft / Operator Cover	Straight		Optional
Operator and Control (German brand)	Connecting Voltage	1-phase	220V - 1 ph, N
		3-phase	380V - 3 ph, N
	Open-Stop-Close Button		Standard
	Protection Category (Operator / Control)		IP 54 / IP 65
	Emergency-OFF Button		Standard
	External Route Monitoring	Light Grille IP 67	Standard
		Photocell	Optional
	Door area Monitoring	Radar Presence Detector	Optional
		Induction Loop	Optional
	Electronic Limit Switch		Standard
	Crank Handle		Standard
	Chain		Optional
Standard Curtain Colours	White Similar to RAL 9016		Brown Similar to RAL 8014
	Ivory Similar to RAL 1015		Green Similar to RAL 6005
	Light beige		Anthracite grey Similar to RAL 7016

BTS FREEZER DOOR HIGH SPEED ROLL UP DOOR

High Speed Door for interior & exterior applications



VERY INSULATED AND FAST DOOR | TECHNICAL SPECIFICATIONS

- Designed specifically for temperature controlled rooms with both positive and negative temperatures
- Crashable door blade (curtain)
- Smooth and silent opening and closing
- 100 mm insulation on curtain system
- Flexible curtain in self-extinguishing material
- Operating temperature range between +40 °C to -30 °C
- Special gearmotor integrated in the head system

Door Type		Roll-up
Use	Internal Door	Standard
Door Sizes	Max Width	4500 mm
	Max Height	4500 mm
Speed	Inverter Motion system to adjust different speeds, with progressive control of acceleration & deceleration during braking	
	Opening Speed up to	3 m/s
	Closing Speed	0.8 m/s
Transmission of heat	EN 12428	0.68 W/m²K
Security Features	EN 13241-1	Standard
Resistance to Wind Load	EN 12424	Class 0
Drum	Double drum with double curtain system	
Curtain	Fabric	0.9 - 1.5 mm
	Insulated fabric	28 mm
Guide Material / Surface	Foam with special polly material coated	
Shaft / Operator Cover	Straight	
Operator and Control (German brand)	Connecting Voltage	
	Open-Stop-Close Button	
	Protection Category (Operator / Control)	
	Emergency-OFF Button	
	Closing Zone Monitoring	Light Curtain
	External Route Monitoring	Photocell
	Door area Monitoring	Radar Presence Detector
		Induction Loop
	Electronic Limit Switch	
	UPS system	
Emergency Opening	Standard	
	Optional	
	Optional	
	Optional	
	Optional	
	Optional	
Standard Curtain Colours	Blue	Similar to RAL 5010
	Yellow	Similar to RAL 1018
	Orange	Similar to RAL 2004
	White	Similar to RAL 9010
	Red	Similar to RAL 3002
	Grey	Similar to RAL 7035
	Green	Similar to RAL 6005
	Aluminium grey	Similar to RAL 9006

SMD-DOOR HIGH SPEED PVC ROLL UP DOOR

High Speed Door for interior applications



PROVED AND EASY INSTALLATION | TECHNICAL SPECIFICATIONS

- Designed specifically for temperature controlled rooms with both positive and negative temperatures
- Crashable door blade (curtain)
- Smooth and silent opening and closing
- 100 mm insulation on curtain system
- Flexible curtain in self-extinguishing material
- Operating temperature range between +40 °C to -30 °C
- Special gearmotor integrated in the head system

Door Type		Roll-up
Use	Internal Door	Standard
Door Sizes	Max Width	3100 mm
	Max Height	3100 mm
Speed	Inverter Motion system to adjust different speeds, with progressive control of acceleration & deceleration during braking	
	Opening Speed up to	1,8 m/s
	Closing Speed	0,8 m/s
Security Features	EN 13241-1	Standard
Resistance to Wind Load	EN 12424	Class 0
Drum	Double drum with double curtain system	Standard
Curtain Stabilisation / Wind Load	Windbars (hidden)	Optional
Curtain	Fabric	0.9 - 1.5 mm
	Transparent PVC Section	2.0 mm
Guide Material / Surface	Aluminium Anodized	Standard
	Painting in any RAL color	Optional
Shaft / Operator Cover	Straight	Optional
Operator and Control (German brand)	Connecting Voltage	380V - 3 ph, N
	Open-Stop-Close Button	Standard
	Protection Category (Operator / Control)	IP 54 / IP 65
	Emergency-OFF Button	Optional
	Closing Zone Monitoring	Light Curtain
		optical safety edge
	External Route Monitoring	Photocell
	Door area Monitoring	Radar Presence Detector
		Induction Loop
	Electronic Limit Switch	Standard
Emergency Opening	Counterweight system	Optional
	Crack Handle	Standard
	Chain	Optional
Standard Curtain Colours		
		Blue Similar to RAL 5010 Yellow Similar to RAL 1018 Orange Similar to RAL 2004 Braun Similar to RAL 8014 Red Similar to RAL 3002 Grey Similar to RAL 7035 Anthracite grey Similar to RAL 7016 Aluminium grey Similar to RAL 9006

CONTROL UNITS

TECHNICAL SPECIFICATIONS



Model	ROBODOR MR380	ROBODOR DMC24	ROBODOR MR220
Use	Constant Speed Application Control Unit for Internal / External Doors	Adjustable Speed control of high-speed PVC and sectional for Internal / External Doors	Frequency converter technology control of high-speed PVC and sectional Internal / External Doors
Drive output	Drives up to 1 kW, Three Phase Asynchronous Motor	Drives up to 0.6 kW, Brushed DC Motor	Drives up to 1.5 kW, Three Phase Asynchronous Motor
Language	English\German\Turkish	English\German\Turkish	English\Turkish
Position Encoder	Absolute Digital Encoder\ Limit Switches	Absolute Digital Encoder	Absolute Digital Encoder
Operation	Automatic Opening and Closing LCD display provides information about door functions	Intelligent Crash Control Function Automatic Opening and Closing LCD Display to provide information on door functions	Automatic Opening and Closing LCD Display to provide information on door functions
Function	Automatic Timer Safety Edge Photo Eye Door Opening Count Information Interlocking System of Two Doors Door Position Detection	Membrane Open-Stop-Close Button Door Opening Count Information Integrated Power Factor Control Unit Programmable Relay (x3) Flashing/Traffic Light Automatic Timer Safety Edge Photo Eye Intelligent Battery Pack Unit Interlocking System of Two Doors	Membrane Open-Stop-Close Button Automatic Timer Safety Edge Photo Eye Programmable Relay (x3) Flashing/Traffic Light Door Opening Count Information Interlocking System of Two Doors Door Position Detection
Control Inputs	Membrane Open-Stop-Close Button External Open-Stop-Close, Push Button Pull Switch Microwave Radar Mushroom Push Button Radar Detector Induction Loop Detector Remote Control	Membrane Open-Stop-Close Button External Open-Stop-Close, Push Button Pull Switch Microwave Radar Mushroom Push Button Radar Detector Induction Loop Detector Remote Control	Membrane Open-Stop-Close Button External Open-Stop-Close, Push Button Pull Switch Microwave Radar Mushroom Push Button Radar Detector Induction Loop Detector Remote Control
Housing Dimensions	212 mm x 146 mm x 55 mm or 250 mm x 330 mm x 130 mm	250 mm x 330 mm x 130 mm	250 mm x 330 mm x 130 mm
Temperature Range	In operation : -10°C to +60°C In storage : -25°C to +70°C	In operation : -10°C to +50°C In storage : -25°C to +70°C	In operation : -10°C to +50°C In storage : -25°C to +70°C
Protection Grade	IP 54	IP 54	IP 54
Weight	Approx. 700 gr	Approx. 3150 gr	Approx. 2600 gr
Installation	Vertically on the wall, minimum height of 1100 mm	Vertically on the wall, minimum height of 1100 mm	Vertically on the wall, minimum height of 1100 mm



APPLICATION PICTURES

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