

SPEED120-PREMIUM - TECHNICAL SPECIFICATIONS			
CATEGORY	SPECIFICATION	VALUE	TYPE
GENERAL			
Application		indoor/outdoor use (limited wind exposure)	✓
Installation requirements	maximum dimensions	5500 x 5500 mm (w x h)	✓
	side clearance, non-drive side	110 mm	✓
	side clearance, drive side	280 mm	✓
	side clearance with motor protective cover	310 mm	optional
	side clearance with front-mounted drive	110 mm	optional
	clear headroom	450 mm	✓
Standard	DIN-EN standard	1324-1	✓
Wind class	EN 12424	up to Class 2	✓
Speed	opening	max. 2.0 m/s	✓
	closing	1.6 m/s (safety-limited)	✓
Temperature range		-30°C to +70°C	✓
CONSTRUCTION			
Frame	choice between anodised aluminium or galvanised steel		✓
	RAL colour coating		optional
	stainless steel 304 / 316		optional
Guide tracks	C-profile guide tracks with PE guide inserts and integrated spring system	AutoRestore™ technology	✓
Roller protective cover	galvanised steel		✓
	galvanised steel, RAL colour coating		optional
	stainless steel 304 / 316		optional
Motor protective cover	galvanised steel		optional
	galvanised steel, RAL colour coating		optional
	stainless steel 304 / 316		optional
Roller barrel	anti-corrosion primed steel	133 x 2.9 mm	✓
Door curtain	polyester fabric (PVC) - 900 g/m² - thickness 0.9 mm	yellow ≈ RAL 1018 grey ≈ RAL 7038 anthracite grey ≈ RAL 7016 blue ≈ RAL 5010 red ≈ RAL 3002 orange ≈ RAL 2004 white ≈ RAL 9002 black ≈ RAL 9005	✓
	insulated fabric, 2-layer with foam core: 2 x 900 g/m² (0.9 mm) + 16 mm foam - total thickness ±18 mm)	colours: as above	optional
	anti-static - 1700 g/m² - thickness 1.7 mm	yellow ≈ RAL 1018 grey ≈ RAL 7038 blue ≈ RAL 5010 red ≈ RAL 3020 orange ≈ RAL 2004	optional

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CATEGORY	SPECIFICATION	VALUE	TYPE
CONSTRUCTION (continued)			
Vision window or ventilation opening	vision window with rounded corners	830 x 415 mm	✓
	vision window with square corners	* custom-made * minimum clearance for door curtain stability: 200 mm at the sides and between the windows – 500 mm from the bottom – 300 mm from the clear opening height * to be determined in consultation with the technical department	optional
	insect screen	830 x 415 mm	optional
	insect screen	custom-made	optional
CONTROL CABINET & CONTROLS			
FEIG control system (including frequency inverter)	PVC, IP54	182 x 328 x 121 mm	✓
	PVC, IP65	210 x 430 x 200 mm	optional
	steel, IP65	300 x 476 x 218 mm	optional
	stainless steel 304, IP65	300 x 476 x 218 mm	optional
Power supply	CEE plug, 16 A, 230 V, 2P+E	230 V, 50 Hz, 1 Ph/PE min. 2.5 mm ²	✓
Protection/circuit breaker	slow-blow circuit breaker	16 Ah – K-curve	✓
Operation	membrane push-button on control cabinet	up-stop-down	✓
	automatic closure	adjustable from 0 to 9999 s	✓
	advance warning	adjustable from 0 to 20 s	✓
Relay output	1 potential-free contact		✓
	2 potential-free contacts		optional
	5 potential-free contacts		optional
Power supply for external devices	24 V DC/500 mA regulated, short-circuit proof		✓
	24 V DC/1000 mA regulated, short-circuit proof		optional
DRIVE SYSTEM & SAFETY			
Motor position	side-mounted	choose between left and right	✓
	front-mounted	choose between left and right	optional
Motor (EN 12604 compliant)	3-phase self-braking motor	IP54	✓
Safety devices	safety light curtain	IP67	✓
	curtain unrolling sensor		✓
	flashing warning light		optional
	LED strip		optional
	motion sensor		optional
Emergency opening	manual emergency crank		✓
	counterweight	automatic or manual opening – up to 16 m ²	optional
Fall protection device	prevents the door curtain from an uncontrolled drop in the event of drive failure	type and specification depend on selected drive - certified in accordance with applicable standards	✓
Cycles (EN 12604)	tested	1,000,000	✓