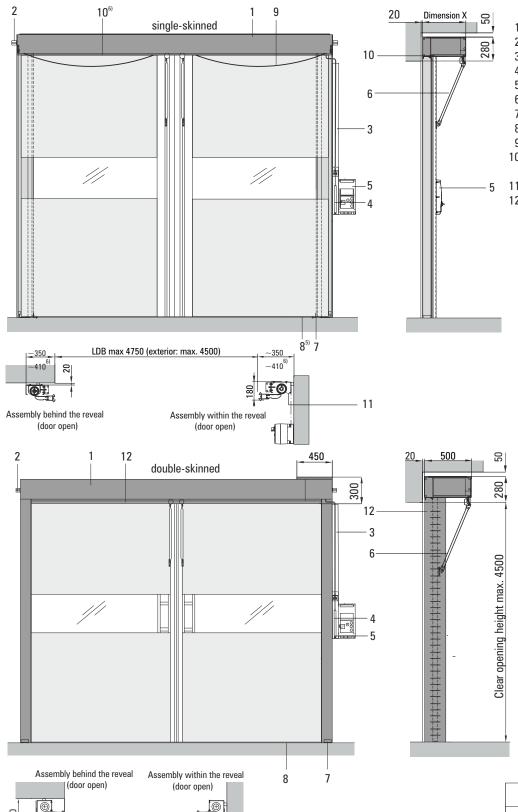
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## **Technical Data High-Speed Door NOVOSPRINT® Syncro**



-350

- 1 = Top cover
- 2 = Top fixing bracket
- 3 = Cable duct
- 4 = Emergency operation 1)
- 5 = Control panel<sup>2)</sup>
- 6 = Rigid stay bar<sup>3)</sup>
- 7 = Bottom fixing bracket
- 8 = Functional gap
- 9 = Trailing cable  $(c/o height > 2800)^4$
- 10 = Opt. bottom cover+cable guide (trailing cable not applicable)
- 11 = Opt. cover for jamb housing
- 12 = Bottom cover is standard (for double-skinned version)
  - Fixed on right jamb housing. Not applicable for doors that open automatically in case of power failure
  - <sup>2)</sup> Location: right side (standard), left side upon request, or fixed to the wall (w194 x h370 x d155)
  - not applicable for c/o height ≤ 2800; option: stay bar with unlatch mechanism.
  - 4 c/o height < 2800: cover + chain guide is standard, optional for c/o height > 2800.
  - <sup>5)</sup> Ground closure: no functional gap
  - <sup>6)</sup> Ground closure: increased lateral space requirements

Dimension X	Type of door
400 (c/o height < 3300 + c/o width < 3500)	BG I- 1
500 (c/o height≥3300 or c/o width≥3500)	BG II-1 BG II-2

Note! For outdoor installation typically BG II is used

⊕]

~325

clear opening width

Opening speed [m/s]*	Up to (Standard) / (Option)	3,5 / 5,0	3,5
Closing speed [m/s]*	Up to (Standard) / (Option)  Up to (Standard) / (Option)		
*	Cycles in permanent use	1,25 / 2,5	
Opening cycles / duration in use*	Augmented cycles, duration max. 1 hour	60 cycles / hour (= 1 / minute)	
		120 cycles / hour (= 2 / minute)	
\	Augmented cycles, duration max. 15 minutes	6 cycles / minute	
Opening cycles*	In standard applications cycles per year	350.000	
Varranty on springs*	Under warranty conditions	500.000	
Ooor dimensions [mm]*	(On inquiry) / Standard: width min. / max. / (max. on inquiry)	() / 1000 / 4500 / (5300)	
Clear opening width - c/o width)	PVC-free / antistatic or food safe coating: width min. / max.	1000/ 4300	
Oor dimensions [mm]* Clear opening height - c/o height)	Standard: height min. / max.	1700 / 4500	
Required space, top (lintel) [mm]*		33	0
Required space, lateral (not drive side) [mm]*	Minimum, with control fixed on the wall	350	
Required space, lateral (drive side) [mm]*	Minimum, with control fixed on the wall	350	
Required space, total depth [mm]*	Without additional equipment	420 or 520	
Operating forces / Safe openings	Acc. to EN 13241-1**	fulfilled	
lorizontal head section for the	Steel sheet, powder coated acc. to RAL 9005		
integration of the drive technology	Steel sheet, powder coated acc. to RAL (special colours)		]
	Stainless steel	•	-
/ertical jamb housing for the integration	Sendzimir galvanized		ı
of the skin winding technology	Steel sheet, powder coated acc. to RAL 9005		
or the skin winding technology	Steel sheet, powder coated acc. to RAL 9003  Steel sheet, powder coated acc. to RAL (special colours)		
	11.		
	Stainless steel		-
/ertical pusher profile for the	Sendzimir galvanized	•	-
integration of the safety edge control technology	Steel sheet, powder coated acc. to RAL 9005		
	Steel sheet, powder coated acc. to RAL (special colours)		
	Stainless steel		-
Drive	Gear motor with double brake		
	(WITH emergency release lever – closed when de-energised)		
	Gear motor with double brake (WITHOUT emergency release lever – open when de-energised)		
	Electric motor with frequency converter control - driving power [KW]	0,75 kW	1,5 kW
Door skin*	Polyester fabric, PVC-laminated on both sides, similar to RAL 1003 Vision element (transparent panel), thermoplastic Elastomer (TPE-Film)		
	Polyester fabric, PVC-laminated on both sides, in special colour		1
	Vision element (transparent panel), thermoplastic Elastomer (TPE-Film)		
	PVC-free skin (only similar to RAL 1003)		
	Food safe TPU coating, similar to FDA (only similar to RAL 1003)		]
	Antistatic equipment (only similar to RAL 1003)		]
	Low flammability (Building material class acc. to DIN 4102 - B1)		]
	Standard position of vision panel in height from - to (Special execution on inquiry)	1480 - 2000	
Emergency operation	Actuated by Bowden cable lever - self-opening Note: if required the door can be pushed by hand to open completely)	•	
	Automatic opening when de-energised  Note: if required the door can be pushed by hand to open completely)		
			1
	Aptitude for installation in escape routes, acc. to DGUV 208/044 (German statutory accident insurance) (Note: Only for Germany: local legislation has to be respected)		
	With uninterruptable power source	on inquiry	
Control	BDC E800 F - frequency converter control for smooth start-up and increased opening speed, mains connection 230V / 50Hz (L1,N,PE), fuse protection 16A, type C, earth leakage only Type B	•	
Safety	Closing edge monitored by an optoelectronical sensor, integrated in the door leaves, with power supply via energy chain or trailing cable	•	
	Optoelectronic safety light curtain, integrated in the door leaves, with power supply via energy chain or trailing cable		
	External photo eye		
	External light curtain		
	Anti-crash-protection (unlatch mechanism in the stay bars, available for c/o height above 2 800 mm)		
	Laser sensor		
	Pulse transmitter: mushroom botton / Non-contact radar switch / Pull switch / Radio control		
Equipment options			
	Pulse transmitter: Reflection light scanner / radar motion sensor / Induction loop		
	Airlock control		