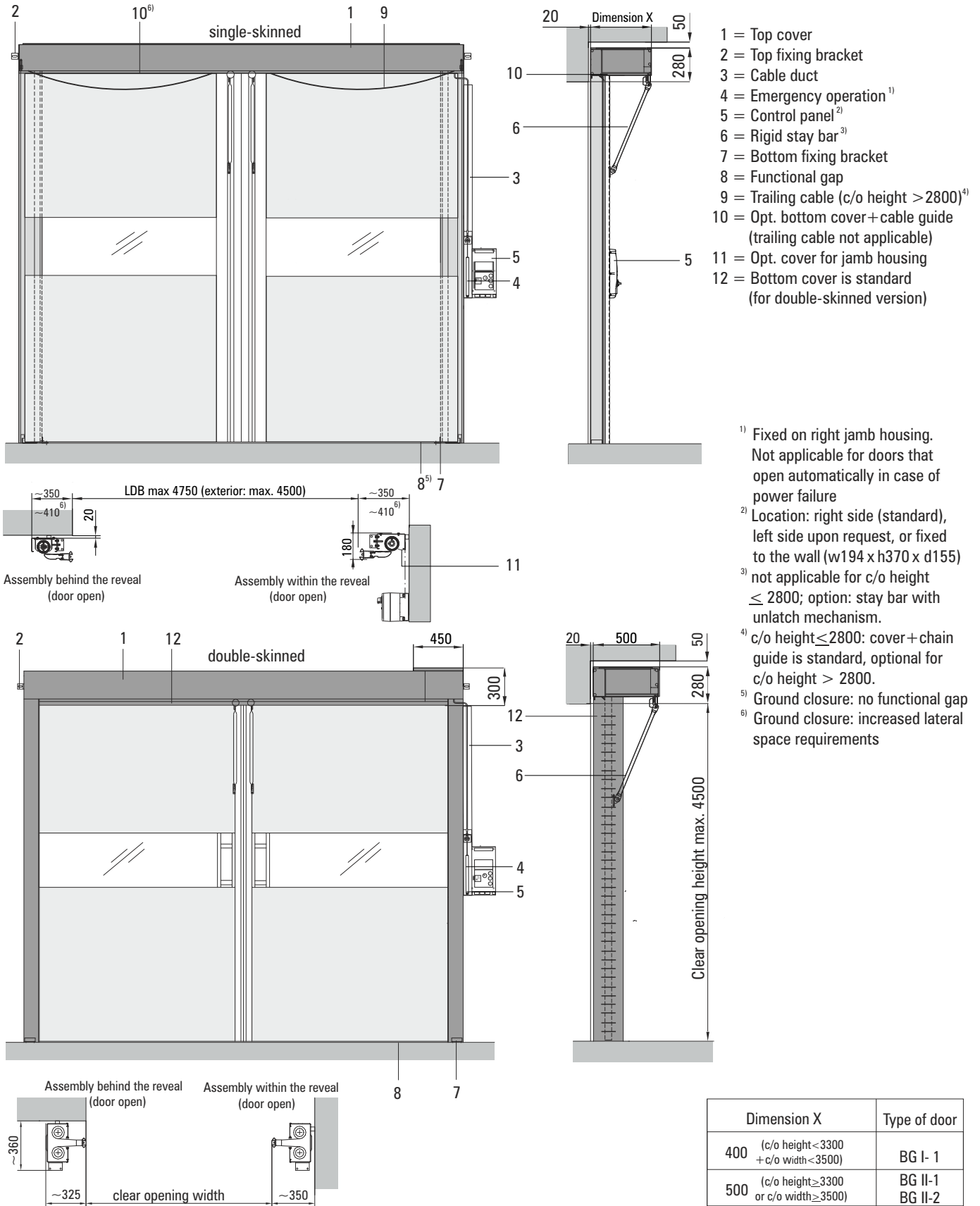


**Technical Data**  
**High-Speed Door NOVOSPRINT® Syncro**



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

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		Single skin	Double skin
<b>Opening speed [m/s]*</b>	Up to (Standard) / (Option)	3,5 / 5,0	3,5
<b>Closing speed [m/s]*</b>	Up to (Standard) / (Option)	1,25 / 2,5	
<b>Opening cycles / duration in use*</b>	Cycles in permanent use	60 cycles / hour (= 1 / minute)	
	Augmented cycles, duration max. 1 hour	120 cycles / hour (= 2 / minute)	
	Augmented cycles, duration max. 15 minutes	6 cycles / minute	
<b>Opening cycles*</b>	In standard applications ..... cycles per year	350.000	
<b>Warranty on springs*</b>	Under warranty conditions ..... cycles, max. 2 years	500.000	
<b>Door dimensions [mm]*</b> (Clear opening width - c/o width)	(On inquiry) / <b>Standard: width min. / max.</b> / (max. on inquiry)	(--)/ 1000 / 4500 / (5300)	
	PVC-free / antistatic or food safe coating: width min. / max.	1000/ 4300	
<b>Door dimensions [mm]*</b> (Clear opening height - c/o height)	Standard: height min. / max.	1700 / 4500	
<b>Required space, top (lintel) [mm]*</b>		330	
<b>Required space, lateral (not drive side) [mm]*</b>	Minimum, with control fixed on the wall	350	
<b>Required space, lateral (drive side) [mm]*</b>	Minimum, with control fixed on the wall	350	
<b>Required space, total depth [mm]*</b>	Without additional equipment	420 or 520	
<b>Operating forces / Safe openings</b>	Acc. to EN 13241-1**	fulfilled	
<b>Horizontal head section for the integration of the drive technology</b>	Steel sheet, powder coated acc. to RAL 9005	■	
	Steel sheet, powder coated acc. to RAL (special colours)	□	
	Stainless steel	■	-
<b>Vertical jamb housing for the integration of the skin winding technology</b>	Sendzimir galvanized	■	
	Steel sheet, powder coated acc. to RAL 9005	□	
	Steel sheet, powder coated acc. to RAL (special colours)	□	
	Stainless steel	□	-
<b>Vertical pusher profile for the integration of the safety edge control technology</b>	Sendzimir galvanized	■	-
	Steel sheet, powder coated acc. to RAL 9005	□	■
	Steel sheet, powder coated acc. to RAL (special colours)	□	□
	Stainless steel	□	-
<b>Drive</b>	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
<b>Door skin*</b>	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, <b>in special colour</b> 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	
<b>Emergency operation</b>	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)	□	
	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	
<b>Control</b>	<b>BDC E800 F</b> - frequency converter control for smooth start-up and increased opening speed, mains connection <b>230V / 50Hz</b> (L1,N,PE), fuse protection <b>16A</b> , type C, earth leakage only Type B	■	
<b>Safety</b>	Closing edge monitored by an optoelectronic 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	□	
<b>Equipment options</b>	Pulse transmitter: mushroom button / Non-contact radar switch / Pull switch / Radio control	□	
	Pulse transmitter: Reflection light scanner / radar motion sensor / Induction loop	□	
	Airlock control	□	
	Combination with SPACELITE or SECTIOLITE doors	□	