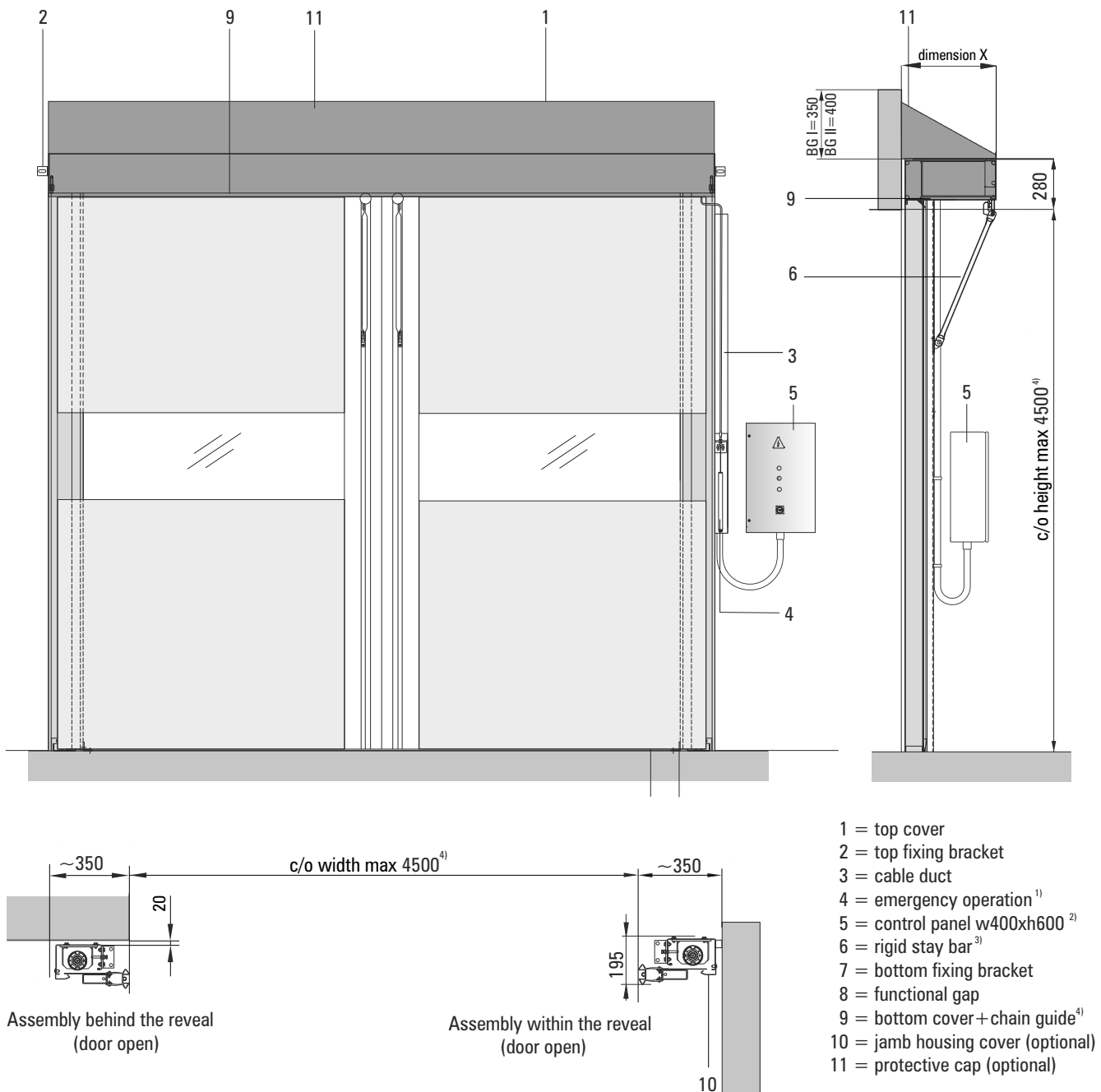


Technical Data

High-Speed Door NOVOSPRINT® Syncro Hygiene



¹⁾ Location: On the right jamb housing
Currentless opening: emergency operation not applicable

²⁾ Wall-mounted: typically on the right side optionally left

³⁾ not applicable for c/o height ≤ 2800;
Option: stay bar with unlatch mechanism

⁴⁾ For dimensions up to w 4.5 m x h 4.5 m, for
c/o height ≥ 3.6 m reinforced steel profile

Dimension X	Dimension Z	Door type	Design
400 (c/o height < 3300 + c/o width < 3500)	350	BG I	single-skinned
500 (c/o height ≥ 3300 or c/o width ≥ 3500)	400	BG II	single-skinned

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		single-skinned	
Anwendung*	Interior door / exterior door (only admissible in combination with a door sealing)	■	-
Opening speed [m/s]*	Up to (Standard) / (depending on size optionally up to)	3.5 / 5.0	
Closing speed [m/s]*	Up to (Standard)	1.5	
Opening cycles / duration in use* Values for relay control or frequency converter control Cycle: Opening + Closing = two load changes	Gesamt-Torzyklen, im Regelfall bis zu	350 000	
	Maintenance interval after max. door cycles or after a time interval of	125 000 or annually	
	Cycles, average [1 / hour]	60	
	Augmented no. of cycles, duration max. 1 hour [1 / hour]	120	
	Augmented no. of cycles, duration max. 15 minutes [1 / min]	6	
Guarantee for springs*	Typically up to cycles during max. 2 years	500 000	
Door dimensions [mm]* (Clear opening width - c/o width)	Min. /max. c/o width for standard door skin (PVC)	1000 / 4500	
	Min. /max. c/o width for PVC-free, antistatic or food safe skin	1000 / 4300	
Door dimensions [mm]* (Clear opening height - c/o height)	C/o height min. /max.	1700 / 4500	
Required space, top (lintel) [mm]*	without / with protective cap 30°	330 / 580 or 630	
Required space, lateral [mm]*	At least	350	
Required space, lateral [mm]* for ground closure option	At least	410	
Required space, total depth [mm]*	Without additional equipment	420 or 520	
Wind load [km/h] Beaufort-Classification*	No performance defined, according to EN 13241-1	class 0	
Air permeability	No performance defined, according to EN 12426	class 0	
Resistance to water penetration	No performance defined, according to EN 12425	class 0	
Airborne noise insulation Rw (C;Ctr)	In dB according to DIN 717-1	--	
Operating forces / Safe opening	According to DIN 13241-1**	fulfilled	
UD-value obtainable [W/m2K] door system	No performance defined, according to DIN EN 12428	5.9	
Horizontal head section for the integration of the drive technology	Steel sheet design stainless steel (X5CrNi18-10)	■	
	Drive unit, steel, epoxy resin primed+colour coated, RAL7035; easy to maintain	■	
	Option: protective cap	□	
Vertical jamb housing for the integration of the skin winding technology	Edge profiles and cladding sheets made of stainless steel (XCr5Ni18-10)	■	
	cover for jamb housing made of anodized aluminium incl. PVC-skin strips	■	
	Roll shaft, anodised and epoxy resin primed	■	
	Bearing plates and ball bearings made of stainless steel	■	
Vertical pusher profile for the integration of the safety edge control technology	Steel tube design (X5CrNi18-10)	■	
Ground closure	Absenkung der Fahrflügel in geschlossenem Zustand (consider special widths)	□	
Drive	Worm gear drive motor+double brake (no emergency lever - opens if currentless)	■	
	Worm gear drive motor+double brake (incl. emergency lever - currentless closed)	□	
	Motor splash-proofed, two-layer protective paint		
	Electric motor incl. frequency converter - driving power [kW]	0.75 kW	
Door skin*	Polyester fabric, PVC-laminated on both sides, similar to RAL 1003 Vision element (transparent area) thermoplastic Elastomer (TPE-film)	■	
	Polyester fabric, PVC-laminated on both sides in special colour Vision element (transparent area) 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 area 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 (currentless) Note: if required the door can be pushed by hand to open completely)	□	
	Aptitude for installation in escape routes, acc. to DGV 208/044 (German statutory accident insurance) (Note: Only for Germany: local legislation has to be respected)	□	
Control	BDC E800 F - frequency converter control for smooth start-up and increased opening speed in stainless steel housing (w400 x h 600 x d200), mains connection 230V/50Hz (L1,N,PE), fuse protection 16A , typeC, earth leakage only Type B	■	
	Stainless steel housing as an option in »Hygienic Design« (approx. w390 x h770 x d210); protection class IP69k (according to DIN 40050-9)	□	
Safety	Optoelectronic safety edge control, integrated in the door leaves, with power supply via energy chain	■	
	External photo eye	□	
	External light curtain	□	
	Anti-crash protection (unlatch mechanism in the stay bars)	□	
	Laser sensor	□	
Equipment options	Pulse transmitter: mushroom button / Non-contact radar switch / Pull switch /radio control	□	
	Pulse transmitter: Reflection light scanner / radar motion sensor / Induction loop	□	
	Airlock control	□	