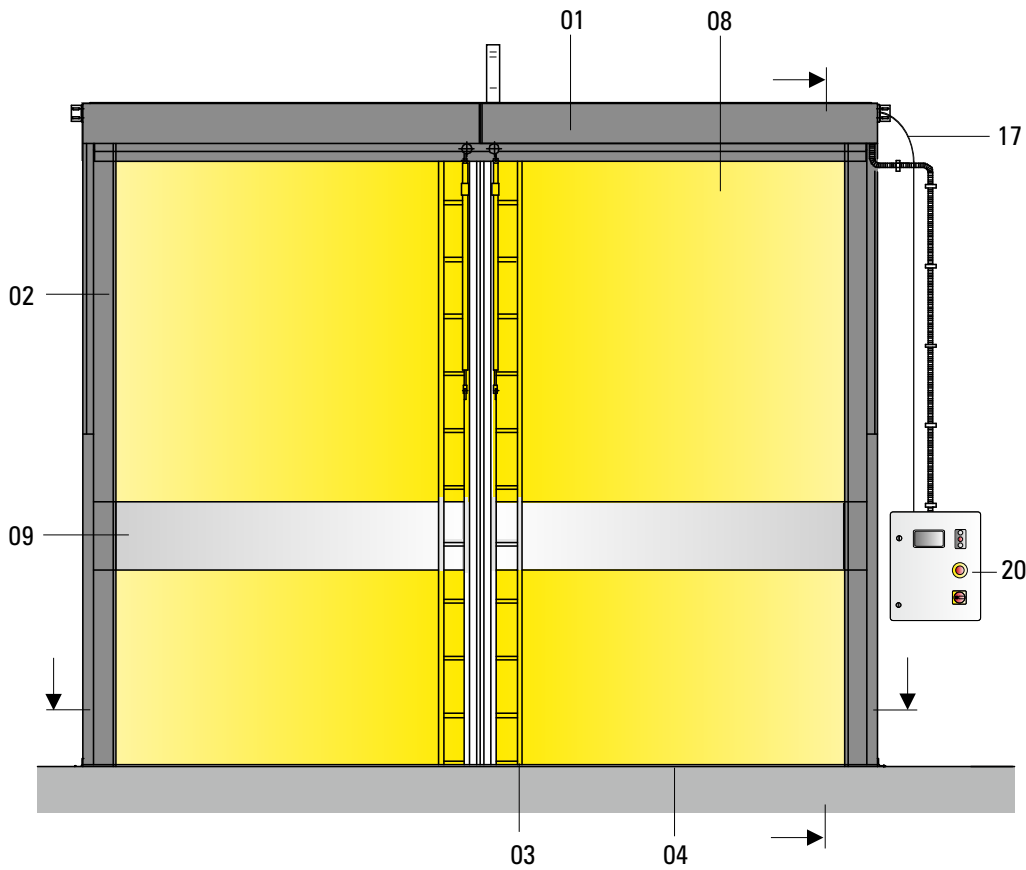


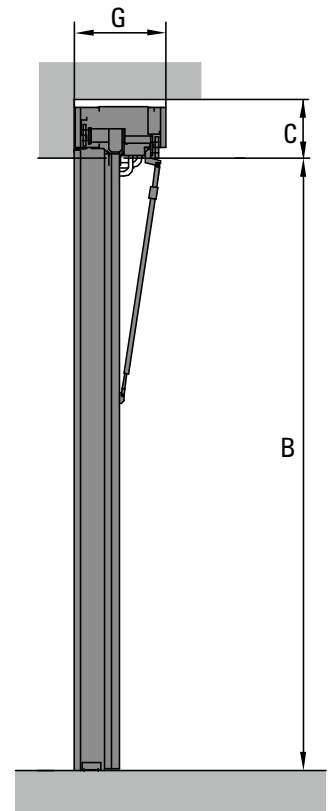
## Technical Data

### High-Speed Door NOVOSPRINT® SyncroXL

View



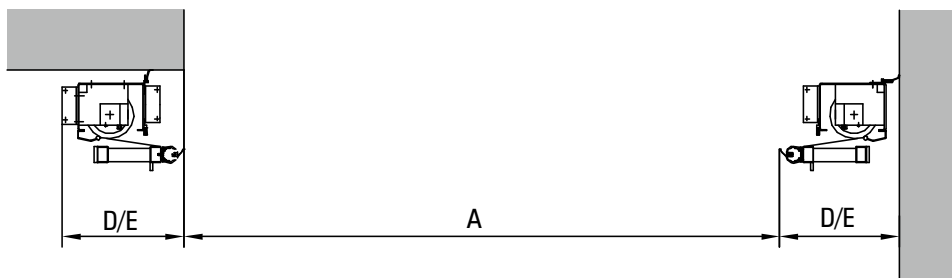
Vertical section



Horizontal section

Assembly behind the reveal (door open)

Assembly within the reveal (door open)



Dim./ Pos.	Technical Data NOVOSPRINT®	High-Speed Doors	SyncroXL
Technical state in July 2019			single-skinned
	Use*	Interior door / exterior door (only admissible when installed together with an external door)	■ / □
	Opening speed [m/s]*	Standard / optional ultraspeed, depending on the size up to:	2
	Closing speed [m/s]*	Standard / optional light curtain included, up to:	1.5
	Opening cycles / operating time*	Total number of door cycles annually, typically up to:	150.000
	Cycle: Opening and Closing = two load alternations	Maintenance interval, after max. number of door cycles or intervals respectively	60 000 or respectively 1 year
		No. of cycles, average [ 1 /hour ]	30
		Increased no. of cycles for max. 1 hour [ 1 / hour ]	60
		Increased no. of cycles for max. 15 minutes [ 1 / min ]	3
	Warranty on springs*	Generally for up to ..... cycles for max. 2 years	--

A	Clear opening width [mm]	C/o width min. / max. standard skin (PVC), Values given in brackets upon request width min. / max. for PVC-free, antistatic or food-safe door skin	(2700) 3800 / 9000 (10000) 6851 and more, additional fixing of the lintel in the centre upon request
B	Clear opening height [mm]	C/o height min. / max. Values given in brackets upon request	2100 / 6000
C	Space requirement, top (lintel) [mm]*	Head section area / Syncro XL with suspension (c/o width>6850)	480 / 880
D	Space requirement, lateral (non-drive side) [mm]*	Minimum (wall-mounted control system)	525
E	Space requirement, lateral (drive-unit side) [mm]*	Minimum (wall-mounted control system)	525
F	Space requirement, lateral (drive-unit side) [mm]* for integrated ground closure	Minimum (wall-mounted control system)	--
G	Required space, total depth [mm]*	Without additional equipment	650 or 690

	Wind load [km/h] / Beaufort-class* (Beaufort-Description)	No performance defined, reference value acc. to DIN EN 12424 for double-skinned doors	--
	Luftdurchlässigkeit	No performance defined, reference value acc. to DIN EN 12426	class 0
	Resistance to water penetration	No performance defined, reference value acc. to DIN EN 12425	class 0
	Airborne noise insulation Rw (C;Ctr) [dB]	Accord. to DIN EN ISO 717-1**	--
	Operating forces / Safe opening	Accord. to EN 13241-1**	fulfilled
	Thermal insulation value Ud *	No performance defined, reference value acc. to DIN EN 12428 [W/m²K]	5.9

01	Door frame	Top : head section, horizontal made of sheet steel, powder-coated in black acc. to RAL 9005	■
02		lateral : vertical jamb housing made of sheet steel, powder-coated in black acc. to RAL 9005	■
03		Door-skin carrier powder-coated in black acc. to RAL 9005	■
04	Ground closure	Lowering the door leaf when closed (be aware of enlarged door widths)	--

05	Drive unit	Worm gear motor with double brake (incl. emergency handle - normally closed)	■
06		Worm gear motor with double brake (without emergency handle - currentless opening)	□
07		Electric motor incl. frequency converter - driving power [kW]	3.0 kW

08	Door skin*	PVC-coated polyester fabric on both sides yellow colour, similar RAL 1003	■
09		Horizontal vision element made of PVC height 520mm ( from 1480mm to 2000mm )	■
10		Horizontal vision element made of PVC in special heights up to 1000mm (also available with or without multiple vision fields)	□
11		Printed door-skin according to digital motif file (e.g. jpg)	upon request
12		On both sides PVC-coated polyester fabric in special colour	□
13		PVC-free design (similar to RAL 1003)	□
14		Food safe TPU-coating, comparable with FDA (similar to RAL 1003)	□
15		Antistatic design (similar to RAL 1003)	□
16		Flame retardant design (Building material grade DIN 4102 - B1)	□

17	Emergency opening	Via Bowden cable - automatic opening (Note: Upon request the door may be pushed completely open manually.)	■
18		Opens automatically when currentless (Note: Upon request, the door may be pushed completely open manually.)	□
19	Escape routes and rescue paths	Suitable for use in escape routes and rescue paths, in accordance with DGUV 208/044, (Only valid for Germany: An approval in accordance with the provincial law may be required in specific cases.) <b>Max. door height 3.5m</b> , larger heights upon request	□

20	Control system	BDC E800 F - frequency converter control for a soft start-up and a higher opening speed, power supply 230V / 50Hz (L1,N,PE), pre-fuse 16A C-characteristic, residual current-operated circuit breaker type B only	--
21		4 kW frequency converter, power supply 400V / 50Hz (3,N,PE), 16 A pre-fuse C-characteristics, residual current-operated circuit breaker type B only	■

22	Safety	Optoelectronic safety edge control integrated in the door leaf, power supply via energy chain or trailing cable ( Novo syncro XL incl. radio transmission )	■
23		Optoelectronic light curtain integrated in the door leaf, power supply via energy chain or trailing cable	--
24		External photo eye	□
25		Externes light curtain	□
26		Crash protection (stay bar with unlatch mechanism)	■
27		Laser sensor	□

28	Options	Pulse transmitter: Mushroom button / radar-sensor/ pull switch / radio control	□
29		Pulse transmitter: Infrared light sensor / radar motion sensor / induction loop detectors	□
30		Airlock control systems	□
40		Combination with Spacelite stacking doors	□

\* Depending on door size and equipment  
 \*\* Test certificate and test report are available respectively  
 \*\*\* guide value, the value may differ i.e. may be much higher or lower in dependance of the operating conditions

■ standard  
 □ available  
 -- not available / not defined