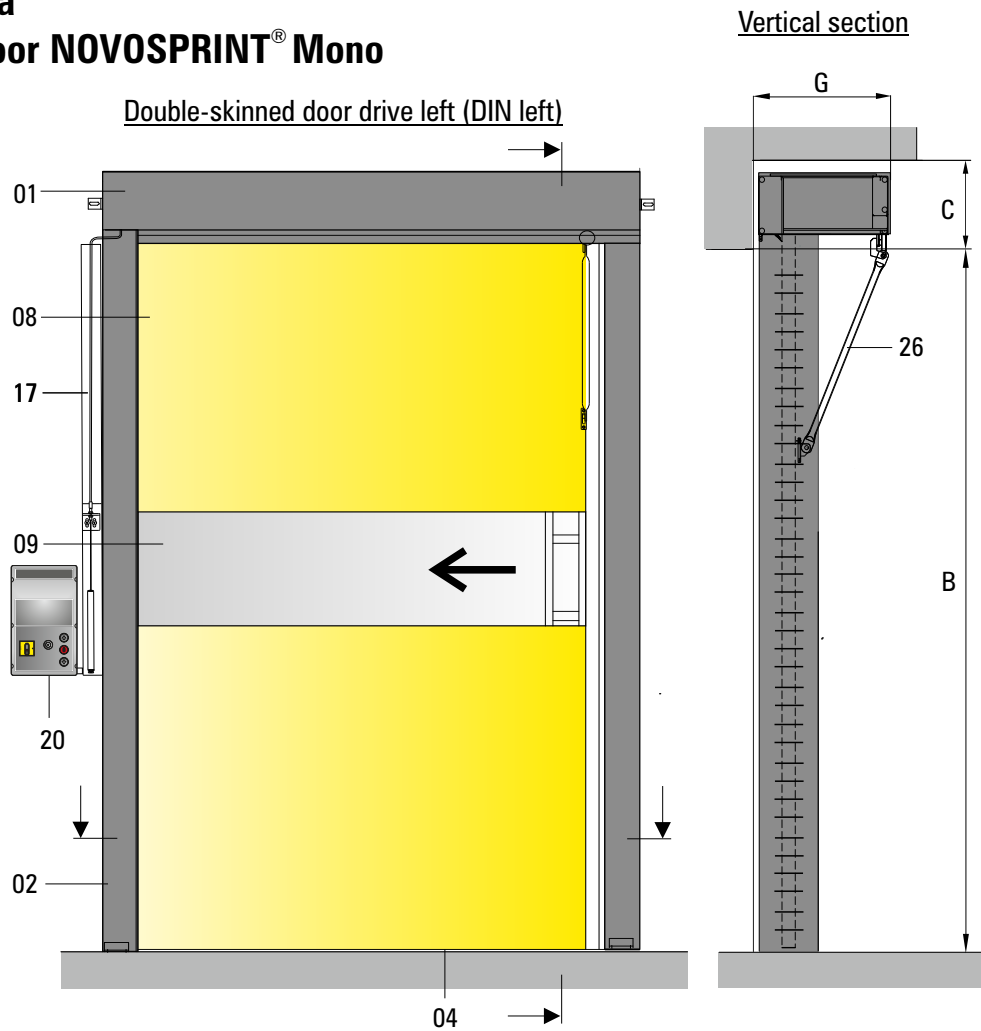
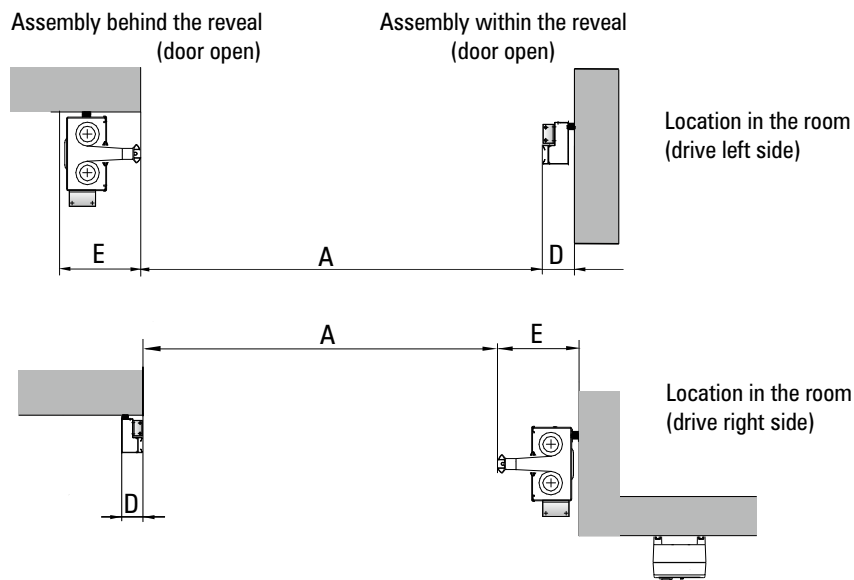


**Technical Data**  
**High-speed door NOVOSPRINT® Mono**



Horizontal section



Dimension / Pos.	Technical Data High-Speed Doors NOVOSPRINT®		Mono	
	Technical state March 2020		single-skinned	double-skinned
	Use*	Interior door / exterior door (only applicable when installed together with an external door)	■ / -	■ / □
	Opening speed [m/s]*	Standard / optionally ultraspeed, depending on the size up to:	1.75 / 2.5	1.75 / -
	Closing speed [m/s]*	Standard / optionally integrated safety light curtain included, up to:	0.75 / 1.25	
	Opening cycles / operating time* One Cycle: Opening and closing = two load alternations	Total number of door cycles, annually typically up to:	350.000	350.000
		Maintenance interval, after max. no. of cycles/ intervals respect.	125.000 or annually	125.000 or annually
		No. of cycles, average [ 1 / hour ]	60	60
		Increased no. of cycles for max. 1 hour [ 1 / hour ]	120	120
		Increased no. of cycles for max. 15 minutes [ 1 / min ]	6	6
	Warranty on springs*	Generally for up to ..... cycles for max. 2 years	500.000	
A	Clear opening width [mm]	C/o width min. / max. standard skin (PVC). Values given in brackets upon request	900 / 2500	
		width min. / max. for PVC-free, antistatikal or food-safe door skin	900 / 2150	
B	Clear opening height [mm]	C/o height min. / max. Values given in brackets upon request	1700 / 3500	
C	Space requirement, top (lintel) [mm]*	Head section area	330	
D	Space requirement (non-drive side) [mm]*	Minimum (wall-mounted control system)	35 / 135	
E	Space requirement lateral (drive-unit side) [mm]*	Minimum (wall-mounted control system)	350 / 425	
F	Space requirement, lateral (drive-unit side) [mm]* for ground closure option	Minimum (wall-mounted control system)	410 / 485	--
G	Required space, total depth [mm]*	Without additional equipment	420	
	Wind load [km/h] / Beaufort-class*	No performance defined, reference value acc. to DIN EN 12424 for double-skinned doors	--	50 - 100 / 6 - 10
	Air permeability	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	--	7
	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	4,9
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]		0.75 kW
08	Door skin*	PVC-coated polyester fabric on both sides yellow colour similar to RAL 1003		■
09		Horizontal vision elements made of PVC height 520mm (1480mm - 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 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, similar to 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: The door may be pushed completely open manually, if required.		■
18		Automatic opening if currentless (Note: The door may be pushed completely open manually, if required).		□
19	Escape routes and rescue paths	Suitable for use in escape routes and rescue paths, in accordance with DGVU 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 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 control, 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 L + XL including radio transmission)		■
23		Optoelectronic light curtain integrated in the door leaf, power supply via energy chain or trailing cable		□
24		External photo eye		□
25		External light curtain		□
26		Anti-crush protection (stay bar with unlatch mechanism)		□
27		Laser sensor		□
28	Options	Pulse transmitter: Mushroom button / radar-sensor/ pull switch / radio control		□
29		Pulse transmitter: Reflection light scanner / Radar motion sensor / Induction loop detectors		□
30		Airlock control systems		□
40		Combination with Spacelite stacking doors		□

\* Depending on door size and equipment  
 \*\*\* guide value, the value may differ i.e. may be much higher or lower in dependence of the operating conditions

■ standard  
 □ available  
 -- not available / not defined