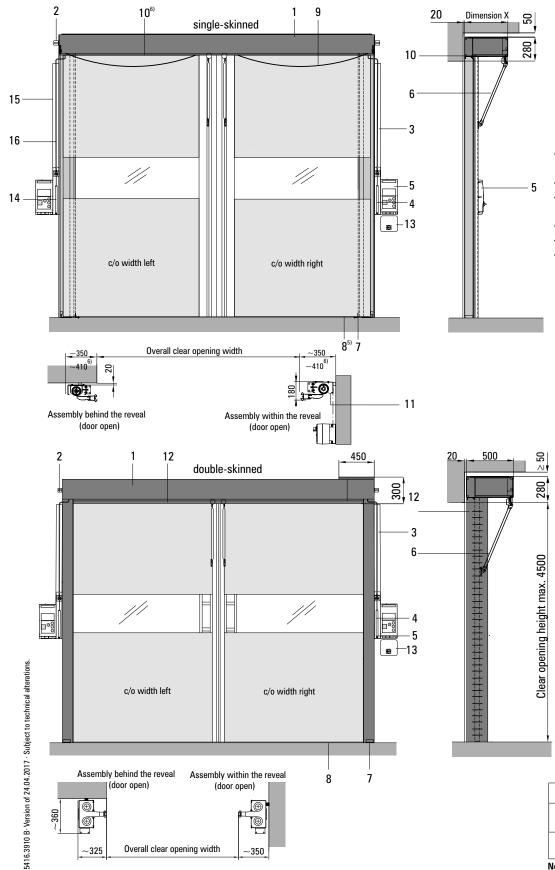
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## **Technical Data High-Speed Door NOVOSPRINT® Duo**



Overall clear opening width

-350

-325

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)<sup>4)</sup>

10 = Opt. bottom cover+cable guide (trailing cable not applicable)

11 = Opt. cover for iamb housing

12 = Bottom cover is standard (for double-skinned version)

13 = Control panel incl. main switch

14 = Additional control panel (Duo)

15 = Emergency operation (Duo)

1) 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)

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

 $^{4)}$  c/o height $\leq$ 2800: cover+chain guide is standard, optional for c/o height > 2800.

Ground closure: no functional gap

6) 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

chnical Data · High-Speed Door N	OVOSENIIVI DUO	Single skin Double sk	
pening speed [m/s]*	Up to (Standard) / (Option)	1.75 / 2.5 1.75	
Closing speed [m/s]*	Up to (Standard) / (Option)	0.75	
Opening cycles / duration in use*	Cycles in permanent use	60 cycles / hour (= 1 / minut	
opening cycles / duration in use	Augmented cycles, duration max. 1 hour	120 cycles / hour (= 2 / minu	
	Augmented cycles, duration max. 15 minutes	6 cycles / minute	
landing oveloc*	• • •	·	
pening cycles*	In standard applications cycles per year	350 000	
Varranty on springs*	Under warranty conditions cycles, max. 2 years	500 000	
Door dimensions [mm]*	(On inquiry) / Standard: width min. / max. / (max. on inquiry)	() / 1800 / 4500 / (5300)	
Clear opening width - c/o width)	PVC-free / antistatic or food safe coating: width min. / max.	1800 / 4300	
Door dimensions [mm]*	(On inquiry) / Standard: width min. / max. / (max. on inquiry)	() / 900 / 2500 / (2650)	
Single leaf width - c/o width right/ left)	PVC-free / antistatic or food safe coating: width min. / max.	900 / 2150	
Door dimensions [mm]* Clear opening height - c/o height)	Standard: height min. / max.	1700 / 4500	
lequired space, top (lintel) [mm]*		330	
equired space, lateral (drive side) [mm]*	Minimum, with control fixed on the wall	350	
equired space, total depth [mm]*	Without additional equipment	420	
perating forces / Safe openings	Acc. to EN 13241-1**	fulfilled	
lorizontal head section for the	Steel sheet, powder coated acc. to RAL 9005	Tullilleu ■	
ntegration of the drive technology	Steel sheet, powder coated acc. to RAL (special colours)	<u>-</u>	
•	Sendzimir galvanized		
Vertical jamb housing for the integration	<u> </u>		
f the skin winding technology	Steel sheet, powder coated acc. to RAL 9005		
	Steel sheet, powder coated acc. to RAL (special colours)		
Vertical pusher profile for the integration	Sendzimir galvanized	-	
of the safety edge control technology	Steel sheet, powder coated acc. to RAL 9005		
	Steel sheet, powder coated acc. to RAL (special colours)		
Drive	Gear motor with double brake (WITH emergency release lever – closed when de-energised)	<b>■</b> (2x)	
	Gear motor with double brake (WITHOUT emergency release lever – open when de-energised)	□(2x)	
	Electric motor with frequency converter control - driving power [KW]	0.75 kW (2x)	
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 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)	<b>■</b> (2x)	
	Automatic opening when de-energised  Note: if required the door can be pushed by hand to open completely)	□(2x)	
	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)	- (in preparat	
	With uninterruptable power source	on inquiry	
Control	BDC E800 F - frequency converter control for smooth start-up and increased opening speed, mains connection 400V / 50Hz (3,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	•	
	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		
Equipment options	Pulse transmitter: mushroom botton / Non-contact radar switch / Pull switch / Radio control		
	Pulse transmitter: Reflection light scanner / radar motion sensor / Induction loop	Ш	
	Airlock control		