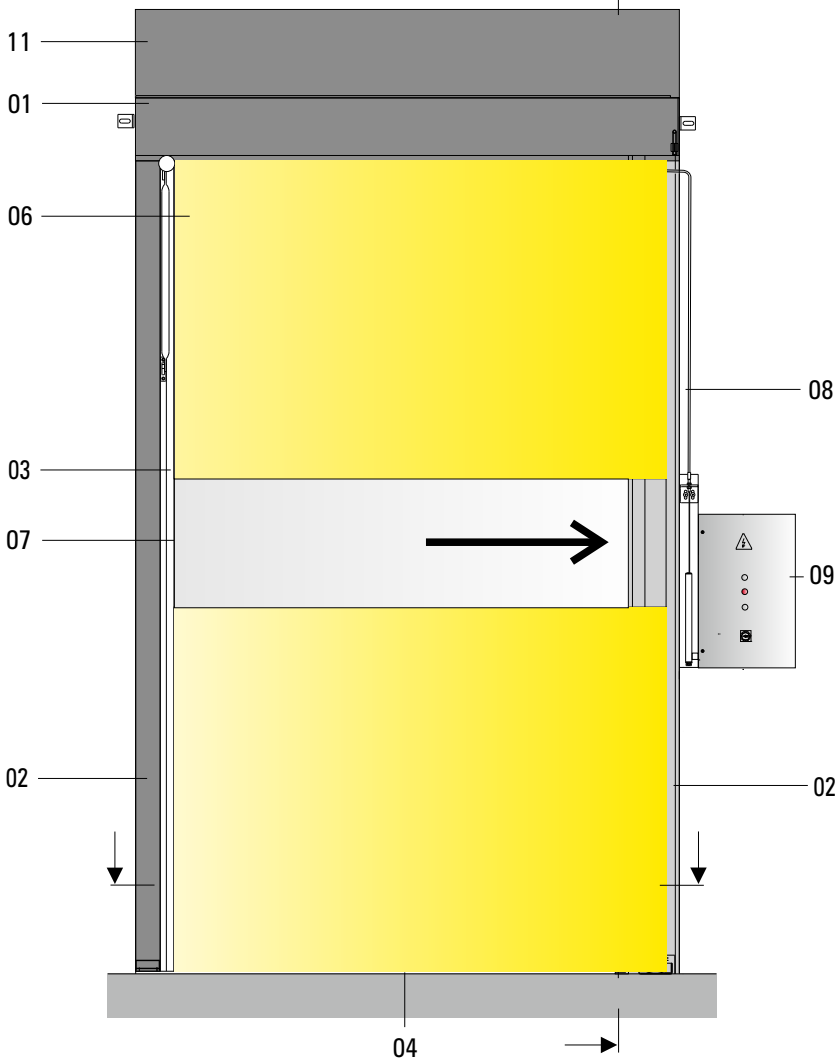
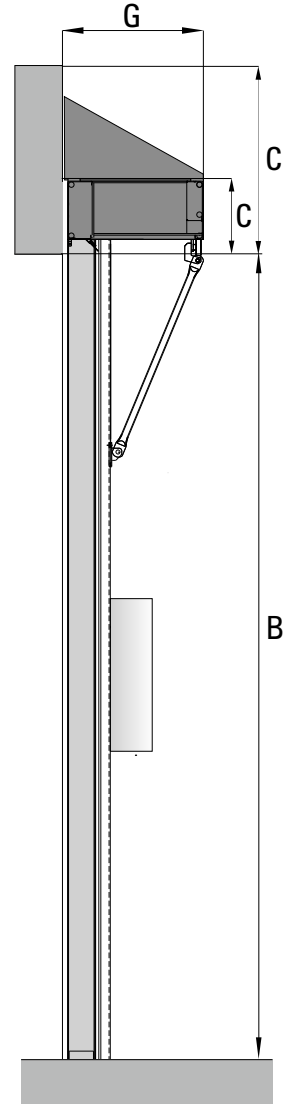


**Technical Data**  
**High-Speed Door NOVOSPRINT® Mono Hygiene**

Single-skinned door drive unit right (DIN right)

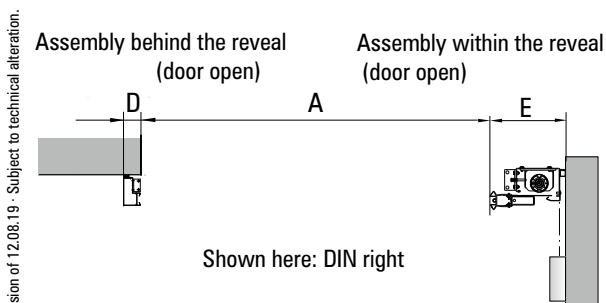


Vertical section



Assembly with wall connection profile

Horizontal section

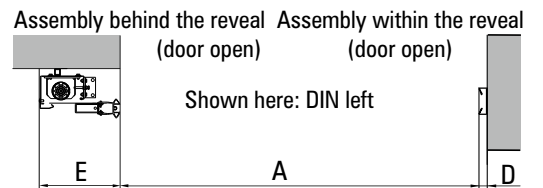


Shown here: DIN right

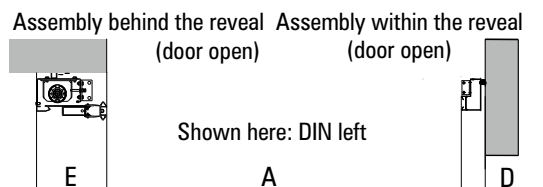
Schematic illustration

For more details please consult the dimensional drawings

5416.4470 D - Version of 12.08.19 - Subject to technical alteration.



Assembly at the jamb housing



Shown here: DIN left

Dim./ Pos.	Technical Data NOVOSPRINT®	incl. Hygiene Option	Mono
	Technical state July 2019		single-skinned
	<b>Use*</b>	Interior door / exterior door (only admissible when installed together with an external door)	■ / --
	<b>Opening speed [m/s]*</b>	Standard / optional ultraspeed, up to:	1.75 / 2.5
	<b>Closing speed [m/s]*</b>	Standard, up to:	0.75
	<b>Opening cycles /operating time*</b>	Total number of door cycles annually, typically up to:	350 000
	Cycle: Opening and Closing = two load alternations	Maintenance interval, after max. number of door cycles or intervals respectively	125 000 or respectively 1 year
		No. of cycles, average [ 1 / hour ]	60
		Increased no. of cycles for max. 1 hour [ 1 / hour ]	120
		Increased no. of cycles for max. 15 minutes [ 1 / min ]	6
	<b>Warranty on springs*</b>	Generally for up to ..... Cycles for max. 2 years	500 000
A	<b>Clear opening width [mm]</b>	C/o width min. / max. standard skin (PVC), Values in bracket upon request C/o width min. / max. for skin (PVC), antistatic or foodsafe door skin	900 / 2500 900 / 2150
B	<b>Clear opening height [mm]</b>	C/o height min. / max. Values given in brackets upon request	1700 / 3500
C	<b>Space requirement, top (lintel) [mm]*</b>	Head section area standard / incl. optional hood ( 30° )	330 / 650
D	<b>Space requirement, lateral (non-drive side) [mm]*</b>	Minimum (wall-mounted control system)	35 / 135
E	<b>Space requirement, lateral (drive-unit side) [mm]*</b>	Minimum (wall-mounted control system)	350 / 425
F	<b>Space requirement, lateral (drive-unit side) [mm]* for integrated ground closure</b>	Minimum (wall-mounted control system)	410 / 485
G	<b>Required space, total depth [mm]*</b>	Without additional equipment	420
	<b>Wind load [km/h] / Beaufort-class* (Beaufort-Description)</b>	No performance defined, reference value acc. to DIN EN 12424 for double-skinned doors	--
	<b>Luftdurchlässigkeit</b>	No performance defined, reference value acc. to DIN EN 12426	class 0
	<b>Resistance to water penetration</b>	No performance defined, reference value acc. to DIN EN 12425	class 0
	<b>Airborne noise insulation Rw (C;Ctr) [dB]</b>	According to DIN EN ISO 717-1**	--
	<b>Operating forces / Safe opening</b>	According to EN 13241-1**	fulfilled
	<b>Thermal insulation value Ud * [W/m²K] of the door</b>	No performance defined, reference value according to DIN EN 12428 [W/m²K]	5.9
01	<b>Horizontal head section to accommodate the drive technology</b>	Sheet steel design stainless steel (X5CrNi18-10) vision area polished Drive unit made of steel, primed with epoxy resin and RAL 7035 colour coated; low-maintenance toothed belt drive	■ ■
02	<b>Vertical jamb housing to accommodate the winding mechanism of the door skin</b>	Edge profiles and metal covers made of stainless steel (X5CrNi18-10) vision area polished Jamb cover made of 7035 RAL colour coated aluminium with mit PVC-skin strips Roll shaft anodised and epoxy resin primed Bearing plates and ball bearings made of stainless steel	■ ■ ( drive-unit side ) ■ ( drive-unit side ) ■ ( drive-unit side )
03	<b>Vertical carrier to accommodate the safety edge control</b>	Steel pipe design made of stainless steel (X5CrNi18-10) blanc with fixed steel struts, RAL 7035 colour coated	■
04	<b>Ground closure</b>	Lowering the leaves when closed (please consider the installation width)	--
05	<b>Drive unit</b>	Worm gear motor with double brake (incl. emergency handle - normally closed) Worm gear motor with double brake (without emergency handle - currentless opening) Splash-pool drive motor, two-layer protective coating Electric motor incl. frequency converter - driving power [kW]	■ □ ■ 0.75 kW
06	<b>Door skin</b>	PVC-coated polyester fabric on both sides yellow colour, similar RAL 1003 Printed door-skin according to digital motif file (e.g. jpg) On both sides PVC-coated polyester fabric in special colour PVC-free design (similar to RAL 1003) Food safe TPU-coating, comparable with FDA (similar to RAL 1003) Antistatic design (similar to RAL 1003) Flame retardant design (Building material grade DIN 4102 - B1)	■ upon request □ □ □ □ □
07	<b>Vision element</b>	Horizontal vision element made of PVC height 520mm ( from 1480mm to 2000mm ) Horizontal vision element made of PVC in special heights up to 1000mm (also available with or without multiple vision fields)	■ □
08	<b>Emergency opening</b>	Via Bowden cable - automatic opening (Note: Upon request the door may be pushed completely open manually.) Opens automatically when currentless (Note: Upon request, the door may be pushed completely open manually.) 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. c/o width > 1600	■ □ --
09	<b>Control system</b>	BDC E800 F - frequency converter control for a soft start-up and a higher opening speed located in stainless steel housing (w 400 x h 600 x d 200), power supply 230V / 50Hz (L1,N,PE), pre-fuse 16A C-characteristic, residual current-operated circuit breaker type B only Stainless steel housing optionally in special »Hygienic Design« (approx. w 390 x h 770 x d 210 mm); Schutzart IP69k (nach DIN 40050-9)	■ □
10	<b>Safety</b>	Optoelectronic safety edge control, integrated inside the door leaf, power supply via energy chain. External photo eye External light curtain Crash protection (stay bar with unlatch mechanism) Laser sensor	■ □ □ □ □
11	<b>Options</b>	Hood for head section, stainless steel (X5CrNi18-10), visible side is polished, hood slanted approx. 30°	□
12		Pulse transmitter: Mushroom button / radar-sensor/ pull switch / radio control	□
13		Pulse transmitter: Infrared light sensor / radar motion sensor / induction loop detectors	□
14		Airlock control systems	□

\* 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