

Sectional Door Aluminium Frame Construction Type SLX "Teckentrup"



Text example

Compile and tender according to requirements.
Please refer to Technical data below for respective details.
Updated 01.01.2011



Position	No. of pieces	Item	Unit price €	Total price €
		Sectional door in frame construction made of aluminium hollow profiles with finger pinch protection. Building depth 40 mm E 6/EV 1 anodized. Aluminium-stucco design. Insulation PUR rigid foam core, sections with 16 mm plexi-glass panes. The sections with central seal. Header seal and floor seal and lateral skirting board in APTK-quality. Screwed hinges made of galvanized steel, lateral roller guide with adjustable ball bearing rollers. Weight compensation with torsion spring shaft with lateral load-bearing cables. "Teckentrup" or equivalent.		
		Ordering sizes: Clearance dimensions: ___mm width x ___mm height = clearance dimensions Ordering details: Headroom: ___mm lateral buffer right-hand ___mm, left-hand ___mm (for required space, refer to special equipment section)		

Technical data

Product: **Sectional door SLX**
(Frame construction made of aluminium hollow profiles, cold profile Al mg SI 0.5)
Performance values in accordance with the new door product standard EN 13241-1
Heat insulation U-value (test in accordance with EN ISO 12567-1): U = 5.5 W/m²k
Air permeability (test in accordance with EN 12427, classification in accordance with EN 12426): Class 3
Resistance to wind load (test in accordance with EN 12444, classification in accordance with EN 12424): Class 3 (max. 700 N/m²)
Resistance to water penetration (test in accordance with EN 12489, classification in accordance with EN 12425): class 2/3*
*1 can only be achieved with special bottom profiles.

Installation in:

- Masonry
- Concrete
- Autoclaved aerated concrete
- Steel construction

Dimensions: Modular dimensions
Width: 2250 – 4000 mm; Height: 1875 – 6000 mm
(other dimensions on request)

Door leaf: Door leaf consisting of individual door sections, from 300 to 750 mm high
Frame construction made of aluminium hollow profiles (cold profile) Building depth: 40 mm

- Surface:
- Anodized in accordance with DIN 17611 E 6/EV 1 including central seal
 - Perfect sealing due to header seal and floor seal in APTK quality
- Hardware:
- Screwed hinges, galvanized (connect the individual sections)
 - Lateral roller guide with adjustable ball bearing rollers (door suspended horizontally in space via runner rail curves)

Frame: Profile frame, hot-dip galvanized. Skirting board with sealing lip, on both sides in APTK quality

Manual operation:

- Via external and internal handles
- Bowden cable

Special equipment:

- Sliding bolt (on one side) incl. rope and handle on the inside

Locking: Additional locking of electrically operated doors:

- From the inside with electrically operated sliding bolts (night-time locking)

Weight compensation: Torsion spring shaft with lateral load-bearing cables

Surface protection: Aluminium hollow profiles are anodized in accordance with DIN 17611 E 6/EV 1 Steel parts galvanized
Torsion springs galvanized and shot-blasted
Glazing frame in aluminium E 6/EV 1 anodized
Glazing strips in hard PVC (black)

Special equipment:
Anodized in other colours
Powder coated in RAL colours

Fitting:

N: Normal fitting
ND: Normal fitting with roof incline
HL: High lift runner rail fitting
HLU: High lift runner rail fitting with bottom torsion spring shaft
HLD: High lift runner rail fitting with roof incline
HLUD: High lift runner rail fitting with roof incline and bottom torsion spring shaft
NSH: Low headroom fitting with rear spring shaft
NSD: Low headroom fitting with roof incline
VL: Vertical fitting
VLU: Vertical fitting with bottom torsion spring shaft

Special equipment: NSV = Low headroom fitting also available as roof incline fitting.

Required space:

- Lateral buffers:
 - for manual operation on both sides min. 110 mm
 - for geared chain on geared chain side. min. 185 mm
 - for direct mount drive on drive side. min. 210 mm
 - for chain drive on drive side. min. 150 mm
 - for axial chain min. 165 mm

	Required space				
	Lateral	Geared chain	Direct mount drive	Chain drive	Axial chain
NSH / NSD / NSV	120 mm	185 mm	210 mm	150 mm	165 mm

- Headroom:
 - for N fitting up to door height
 - 3000 mm min. 400 mm
 - 3010 - 5500 mm min. 450 mm
 - 5510 - 6000 mm min. 500 mm
 - for NS fitting up to door width
 - 4000 mm min. 250 mm
 - for HL fitting always specify the headroom for VL min. headroom = 2 x door height + 500 mm

Headroom different for fitting with roof incline

Drives:

- Manual chain hoist (geared chain)
- Electric drive as shaft or chain drive, 3 x 230 V or 400 V, 50 Hz power: 0.37 kW/0.42 kW, degree of protection IP 44
- Electric drive, rail-guided, 230 V, 50 Hz
- Control unit: deadman, pulse with self-monitoring test
- Other control units possible
- All doors available without springs with a direct mount drive (contact the manufacturer for more details)

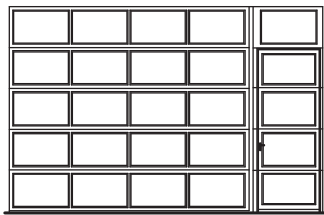
Door leaf filling:

- Sections with extruded SAN glass, transparent, 16 mm thick

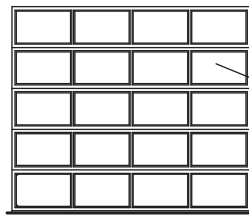
Doors up to a width of 3250 mm supplied without mullions
Doors with a width of > 3250 mm supplied with a centre mullion

Special equipment:
SAN double glazing, transparent 16 mm thick
Plexi-double bar plates 16 mm thick

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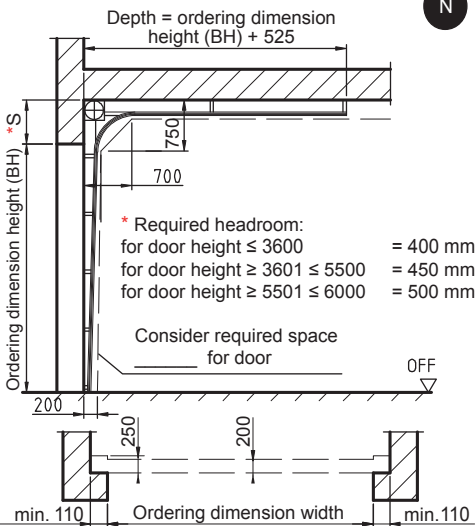
SL door with side door



SL door

- Normal fitting (N)

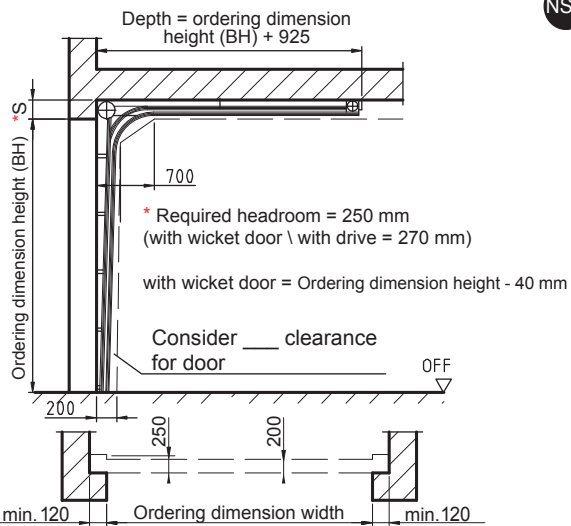
N



Type	Manual operation	Geared chain	Direct mo. drive	Chain drive	Axial chain
N	110/110	110/185	110/210	110/150	110/165

- Low headroom fitting (NSH)

NSH

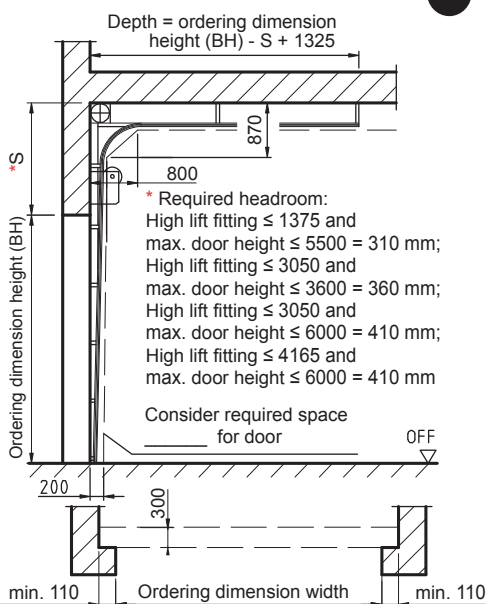


Type	Manual operation	Geared chain	Direct mo. drive	Chain drive	Axial chain
NSH drive inside	120/120	120/120	120/120	120/120	120/120
NSH drive outside	-	120/185	120/210	120/150	-

* not possible for NSD overhead drive

- High lift fitting

HL

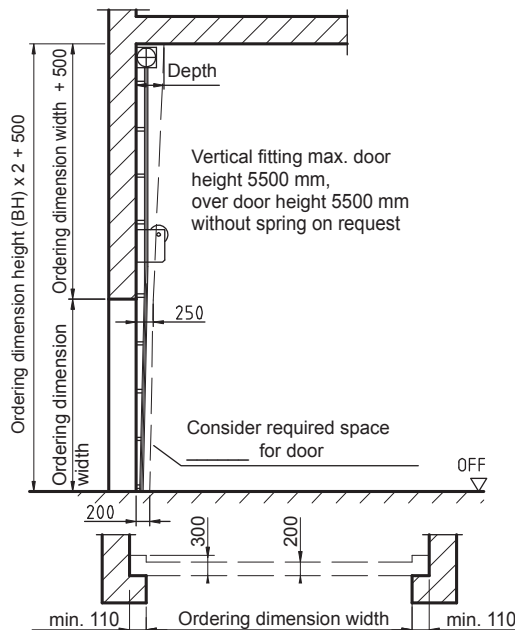


Required space for system without spring after technical consultation

Type	Manual operation	Geared chain	Direct mo. drive	Chain drive	Axial chain
HL	110/110	110/185	110/210	110/150	110/165

- Vertical fitting

VL



Type	Manual operation	Geared chain	Direct mo. drive	Chain drive	Axial chain
VL	110/110	110/185	110/210	110/150	110/165

Dimensions are only valid for the shown versions. The required space is different for a roof incline.