

# Sectional door SLX 40

Aluminium frame construction with 20 mm synthetic double glazing, in scratch-resistant design



## Text example

Compile and tender according to requirements.  
Please refer to technical data below for respective details.  
Updated 1<sup>st</sup> June 2015

Position	No. of pieces	Item	Unit price €	Total price €
		Sectional door double-skinned PUR foam core. Building depth 40 mm. Outer side without rib microprofiled, inner side stucco design. Colour similar to RAL 9002 (Grey white). Sections with centre seal. Upper header seal, floor seal and centre seal in EPDM-Quality. Screwed hinges made of galvanized steel, lateral roller guide with adjustable ball bearing rollers. Lateral closed profiled angular frame, made of hot-dipped galvanized steel, with screwed rail. Weight compensation with torsion spring shaft with lateral load-bearing cables. "Teckentrup SW 40" or equivalent.		
		Clearance dimensions: _____ mm height x _____ mm width Fitting: _____ Headroom: _____ mm Lateral buffer: _____ mm right hand, _____ mm left hand Wicket door: _____ with / _____ without Control: _____ Manual operation / _____ E-Drive with _____ Deadman- / _____ Pulse-Control		

## Technical data

### Sectional door SW 40

**Performance data:** equivalent with product standard EN 13241-1

- Heat insulation  
EN 13241-1, attachment B EN 12428:  
· U = 3.5 W/m<sup>2</sup>K (door<sup>1</sup>) without wicket door<sup>2</sup>)  
Optionally:  
· U = 3.3 W/m<sup>2</sup>K (door<sup>1</sup>) with KS triple glazing)  
<sup>1</sup>) with a door size of 16 m<sup>2</sup>  
<sup>2</sup>) with double glazing
- Resistance to wind load  
(Classification as per EN 12424, test in acc. EN 12444):  
· Class 2 (max. Pa)
- Resistance to water penetration  
(classification as per EN 12425, test in acc. EN 12489):  
· Class 2/3<sup>\*1</sup>
- Air permeability  
(classification as per 12426, test in acc. EN 12427):  
· Class 3
- Reaction to fire (DIN EN 4102):  
· Door leaf element material cl. B2 (normally inflammable)

**Installation:** • Masonry • Concrete • Steel construction

**Size range:** Width: 2000 – 8000 mm; Height: 1875 – 6000 mm  
(Further dimensions on request)

**Door leaf:** • Door leaf:  
Frame construction made of aluminium profiles, cold profile without thermal separation AL-MG-SI 0,5, surface anodised in E6/EV1, standardly infilled with 20 mm KS-double glazing, scratch-resistant, retaining ledge KS-black with seal  
Other infills with triple glazing, etc.

- Seals:  
Floor-, header- and centre seal in EPDM-Quality.
- Door leaf fittings:  
Screwed hinges, galvanized steel  
(linked the single sections)  
lateral roller guide with adjustable ball bearing rollers

**Frame:** • Lateral closed, profiled angular frame, hot-dipped galvanized steel, with screwed guide rail. Lateral rubbing stripe with sealing lip.

**Manual operation:** • Handle inside including rope  
• Handle inside / footboard outside including rope  
• Manual chain hoist

**Locking:** • Locking mechanism can be operated from the outside and inside via a profile cylinder (30,5 mm) including rope, with handle / footboard (integrated in the section)  
• Sliding bolt (on one side) including rope, incl. on the inside.  
Additional locking of electrically operated doors:  
• From the inside with electrically operated sliding bolts (night-time locking)

**Weight compensation:** • Torsion springs with lateral load-bearing cables, galvanized and shot blasted.

**Fitting:**  
N: Normal fitting (in the basic price in the table)  
ND: Normal fitting which follows the shape of the roof  
HL: High lift guide rail fitting  
HLU: High lift guide rail fitting + bottom torsion spring shaft  
HLD: High lift guide rail fitting which follows the shape of the roof  
HLUD: High lift guide rail fitting with roof incline and bottom torsion spring shaft  
NSH: Low headroom fitting with rear spring shaft  
NSD: Low headr. fitting which follows the shape of the roof  
VL: Vertical fitting  
VLU: Vertical fitting with lower torsion spring shaft

**Required space:**  
Lateral stops:  
for manual operation on both sides min. 110 mm  
for manual operation (NSH/NSD) min. 120 mm  
for geared chain min. 185 mm  
for shaft drive min. 210 mm  
for chain drive min. 150 mm  
Headroom:  
N-fitting 400 – 500 mm  
ND-fitting 470 – 550 mm  
NSH/NSD-fitting min. 270 mm  
NSH/NSD-fitting with wicket door min. 300 mm  
HL(U/D)-fittings notice headroom  
VL(U)-fittings door height x 2 + 500 mm

**Drives:** • Shaft drive, chain drive, three-phase voltage 400V, 3~Ph, 50 Hz, 60% ED, protection class IP 65, with emergency hand crank, TÜV approved  
• Shaft drive with alternating voltage 230 Volt 1~Ph, 50 Hz, 60% ED, protection cl. IP 65, with emergency hand crank, TÜV approved, combined with a frequency converter control with "soft"-start and "soft" stop  
• Direct drive as springless door without weight compensation, three-phase voltage 400V, 3~Ph, 50 Hz, 60% ED, protection class IP 65, with emergency hand crank, TÜV approved, safety device integrated

**Control:** • For shaft and chain drives, ready to plug pre-wired and with CEE-plug. In the basic usage noticed as deadman-control. Function without closing edge safety device, control voltage 24V safety extra low voltage, protection class IP 65, push buttons open-stop-close.  
• Pulse control(automatic mode „close“) in connection with closing edge safety device  
• Radio remote control  
• Automatic closing in combination with traffic lights  
• Traffic control

**Special-equipment:** Casing, fixed panels matching door, side door N53 with upper casing, stop rail, ventilation grille, special RAL-colours

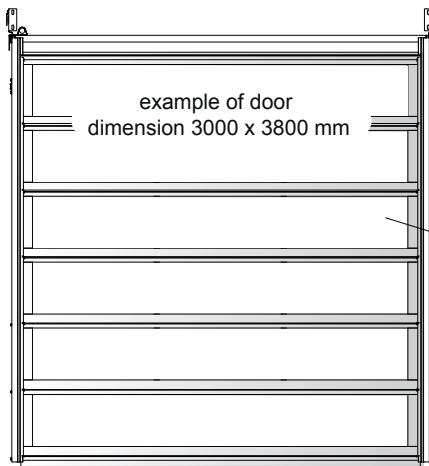
# Sectional door SLX 40

Aluminium frame construction with 20 mm synthetic double glazing, in scratch-resistant design

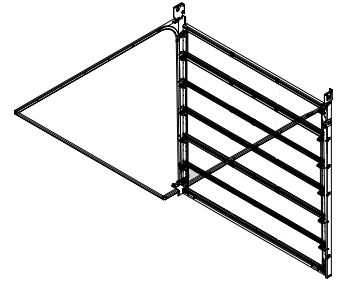
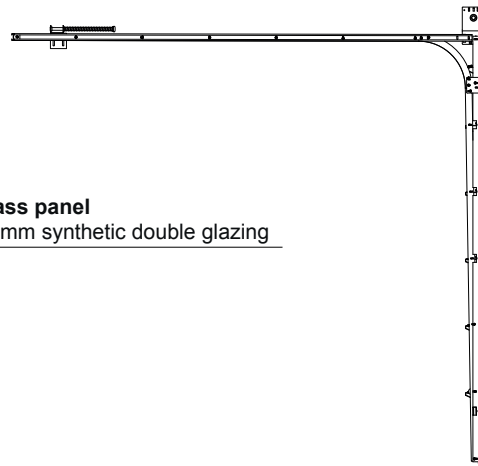
## SLX 40 (exterior view)

The door is supplied without mullions for door widths of 3,250 mm.

normal-fitting **N**



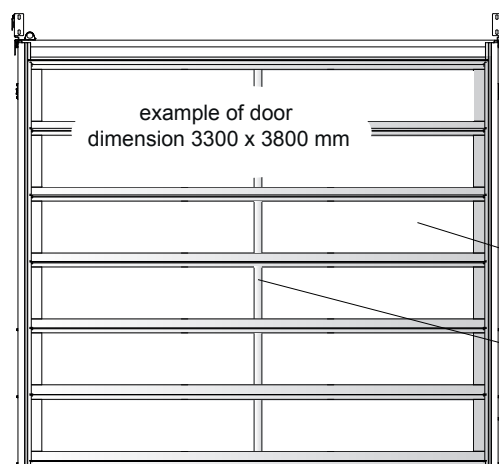
Glass panel  
20 mm synthetic double glazing



## SLX 40 (exterior view)

A centre mullion is supplied for door width of > 3,250 mm.

normal-fitting **N**



Glass panel  
20 mm synthetic double glazing

Centre mullion  
centre mullion for door  
ordering width of > 3.250 mm

