



## Sectional door SLW 40

Aluminium profile frame structure, bottom section made of steel door panels, optionally with wicket door

### Text example:

Sectional door double-skinned, bottom section with PUR foam core. Outer side without rib microprofiled, inner side stucco design. Colour similar to RAL 9002 (Grey white). Building depth 40 mm. The other sections made of aluminium frame construction, surface anodised in E6/EV1, infilled with 20mm KS double panels. Sections with centre seal. Header-, floor- 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 SLW 40" or equivalent.

Compile and tender according to requirements. Please refer to technical data below for respective details. Updated 1. April 2018

### Technical data

Product	Sectional door SLW 40	Fitting	
<b>Performance data</b>	<p>equivalent with product standard EN 13241-1</p> <ul style="list-style-type: none"> <li>▪ <b>Heat insulation SLW 40:</b> <ul style="list-style-type: none"> <li>- door<sup>1)</sup> without wicket door with double glazing U = 3,1 W/(m²K)</li> <li>- door<sup>1)</sup> with wicket door with double glazing U = 3,5 W/(m²K)</li> </ul> </li> <li>optional:           <ul style="list-style-type: none"> <li>- door<sup>1)</sup> 6 chamber multi-skin sheet U = 1,8 W/(m²K)</li> <li>- door<sup>1)</sup> mit KS-3-glazing U = 2,9 W/(m²K)</li> </ul> </li> <li><sup>1)</sup> With a door size of 25 m²</li> <li>▪ <b>Resistance to wind load:</b> Classification in acc. with EN 12424, test in acc. EN 12444:           <ul style="list-style-type: none"> <li>- door without / with wicket door Class 2 (max. Pa)</li> </ul> </li> <li>▪ <b>Resistance to water penetration:</b> classification in acc. with EN 12425, test in acc. EN 124897:           <ul style="list-style-type: none"> <li>- door without wicket door Class 2/3<sup>*1</sup></li> <li>- door with wicket door Class 1/3<sup>*1</sup></li> </ul> </li> <li><sup>*1</sup> Can only be achieved with special bottom profiles.</li> <li>▪ <b>Air permeability:</b> (classification in acc. with EN 12426, test in acc. EN 12427):           <ul style="list-style-type: none"> <li>▪ door without / with wicket door Class 3</li> </ul> </li> <li>▪ <b>Reaction to fire (DIN EN 4102):</b> <ul style="list-style-type: none"> <li>- Door leaf element material class B2 (normaly inflammable)</li> </ul> </li> <li>▪ <b>Sound reduction</b> index acc. to 140-3, acc. to EN17-1 R<sub>w</sub> = 23 dB</li> </ul>	<ul style="list-style-type: none"> <li>▪ N = Normal fitting (in the basic price in the table)</li> <li>▪ ND = Normal fitting which follows the shape of the roof</li> <li>▪ HL = High lift guide rail fitting</li> <li>▪ HLU = High lift guide rail fitting + bottom torsion spring shaft</li> <li>▪ HLD = High lift guide rail fitting which follows the shape of the roof</li> <li>▪ HLLD = High lift guide rail fitting with roof incline and bottom torsion spring shaft</li> <li>▪ NSH = Low headroom fitting with rear spring shaft</li> <li>▪ NSD = Low headr. fitting which follows the shape of the roof</li> <li>▪ VL = Vertical fitting</li> <li>▪ VLU = Vertical fitting with lower torsion spring shaft</li> </ul>	
<b>Installation</b>	▪ Masonry, Concrete, Steel construction	<b>Required space</b>	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
<b>Size range</b>	Width: 2000 - 8000 mm; Height: 1875 - 6000 mm (Further dimensions on request)	<b>Drives</b>	<ul style="list-style-type: none"> <li>▪ Shaft drive, chain drive, three-phase voltage 400V 3~Ph, 50 Hz, 60% ED, protection class IP 65, with emergency hand crank, TÜV approved</li> <li>▪ 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</li> <li>▪ Direct drive as springless door without weight compensation, three-phase voltage 400V 3~Ph, 50Hz, 60% ED, protection class IP 65, with emergency hand crank, TÜV approved, safety device integrated</li> </ul>
<b>Door leaf</b>	<ul style="list-style-type: none"> <li>▪ Door leaf / bottom section: Consisting of one SW 40 door section, galvanized sheet steel; building depth: 40 mm Insulation: Polyurethane foam core</li> <li>▪ Surface protection: Coil coating, two-layer outside (Acrylat-Basis ~ 25 µm), with strippable protective film; inner side one layer (Polyesterbasis ~ 10 µm). Standard colour similar to RAL 9002 Grey white.</li> <li>▪ Surface: Panels horizontally ribbed outside, stucco textured or microprofiled or unribbed microprofiled, <b>inside</b> always stucco textured.</li> <li>▪ Seals: Floor-, header- and centre seal in EPDM-Quality.</li> <li>▪ Door leaf fittings: Screwed hinges, galvanized steel (linked the single sections) lateral roller guide with adjustable ball bearing rollers.</li> </ul>	<b>Control</b>	<ul style="list-style-type: none"> <li>▪ 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.</li> <li>▪ Pulse control (automatic mode "close") in connection with closing edge safety device</li> <li>▪ Radio remote control</li> <li>▪ Automatic closing in combination with traffic lights</li> <li>▪ Traffic control</li> </ul>
<b>Frame</b>	<ul style="list-style-type: none"> <li>▪ Lateral closed, profiled angular frame, hot-dipped galvanized steel, with screwed guide rail. Lateral rubbing stripe with sealing lip.</li> </ul>	<b>Wicket door</b>	<ul style="list-style-type: none"> <li>▪ Installation of door width 2501 – 6000 mm</li> <li>▪ Overhead door closer with slide without locking unit</li> <li>▪ Mortice lock, prepared for PC (30.5/30.5)</li> <li>▪ Lever/Lever made of aluminium (F1)</li> <li>▪ Profile edging made of aluminium E6/EV1</li> <li>▪ Further locks, sets, coatings, etc. -optionally</li> </ul>
<b>Manual operation</b>	<ul style="list-style-type: none"> <li>▪ Handle inside including rope</li> <li>▪ Handle inside / footboard outside including rope</li> <li>▪ Manual chain hoist</li> </ul>	<b>Specialequipment</b>	Casing, fixed panels matching door, side door N53 with upper casing, stop rail, ventilation grille, special RAL-colours
<b>Weight compensation</b>	<ul style="list-style-type: none"> <li>▪ Torsion springs with lateral load-bearing cables galvanized and shot blasted.</li> </ul>		
<b>Locking</b>	<ul style="list-style-type: none"> <li>▪ 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)</li> <li>▪ Sliding bolt (on one side) including rope, incl. on the inside Additional locking of electrically operated doors.</li> <li>▪ From the inside with electrically operated sliding bolts (night-time locking)</li> </ul>		

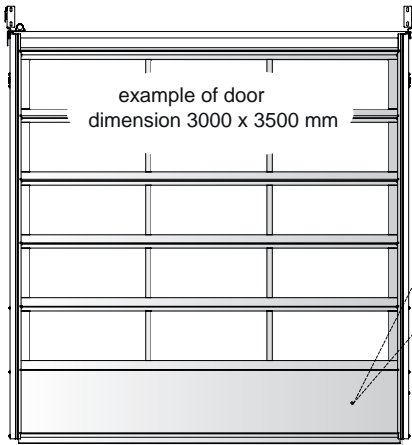
**Sectional door**  
**SLW 40**

Aluminium profile frame structure, bottom section made of steel door panels, optionally with wicket door

SLW 40 (exterior view)

Bottom section 625 mm

normal-fitting



**Surface texture**

microprofiled



stucco design

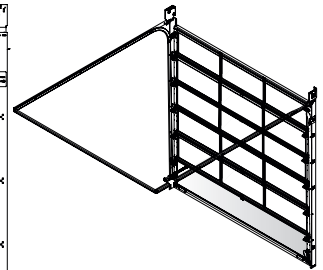


**Versions**



ribbed

unribbed



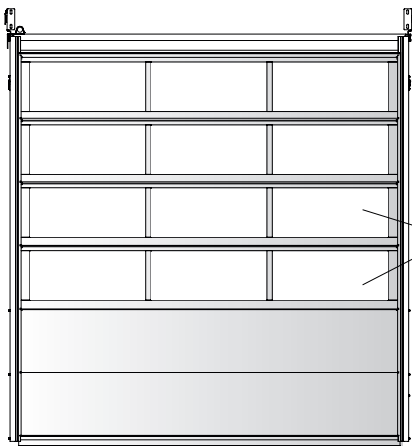
Ribbed version in micro-profiled and stucco design surface texture (outside) available. Unribbed version available in micro-profiled surface texture.

Special surface texture in smooth or woodgrain available

SLW 40 (exterior view)

Bottom section 1250 mm

normal-fitting

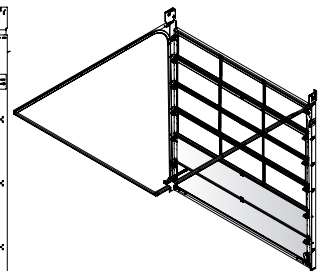
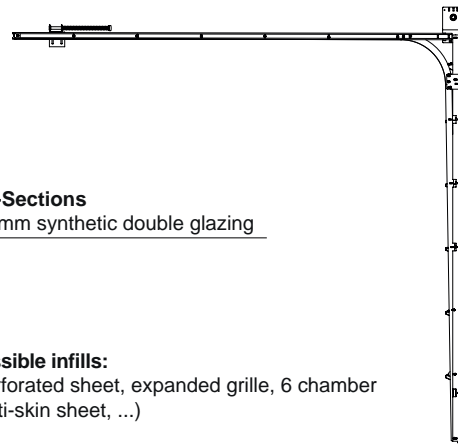


**SL-Sections**

20 mm synthetic double glazing

**Possible infills:**

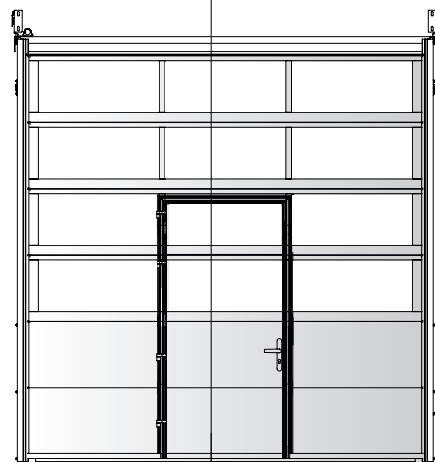
(perforated sheet, expanded grille, 6 chamber multi-skin sheet, ...)



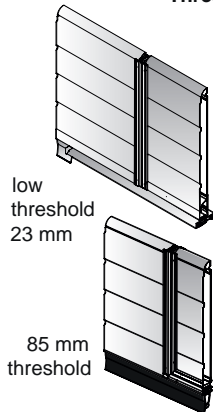
SLW 40 with wicket door (optionally)

A →

A-A



**Threshold types**



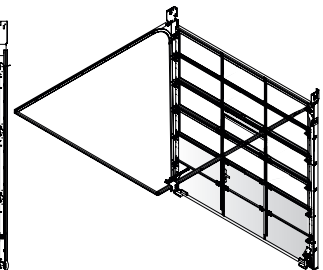
low threshold 23 mm

85 mm threshold

200 mm threshold

up to a door width 5000 mm

> door width 5000 mm



Threshold shapes

Standard equipment for all wicket doors includes:  
Overhead door closer with slide rail, without locking unit,  
mortice lock- prepared for a profil cylinder (PC=30.5/30.5).  
Wicket door opening outwards, frame profiles in aluminium E6/EV1