



## Sectional door SW 40

Made of steel door panels, double skinned, optionally with wicket door

### Text example:

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.

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

### Technical data

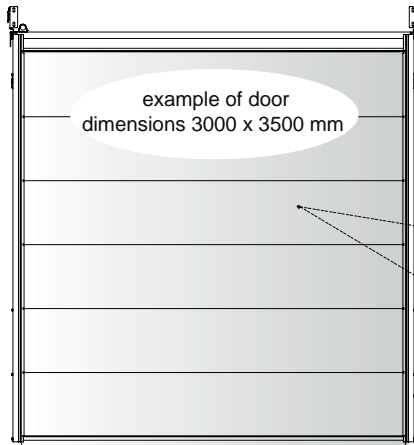
Product	Sectional door SW 40	Locking																							
<b>Performance data</b>	<p>equivalent with product standard EN 13241-1</p> <p>▪ <b>Heat insulation SW 40:</b> EN 13241-1, attachment B EN 12428:</p> <ul style="list-style-type: none"> <li>- Panel 40 mm <math>U = 0,56 \text{ W}/(\text{m}^2\text{K})</math></li> <li>- complete door<sup>1)</sup> without wicket door <math>U = 1,2 \text{ W}/(\text{m}^2\text{K})</math></li> <li>- with wicket door <math>U = 1,4 \text{ W}/(\text{m}^2\text{K})</math></li> </ul> <p>▪ <b>Heat insulation SW 40 with SL-Section:</b></p> <ul style="list-style-type: none"> <li>- door<sup>1)</sup> without wicket door with double glazing <math>U = 3,1 \text{ W}/(\text{m}^2\text{K})</math></li> <li>- door<sup>1)</sup> with wicket door with double glazing <math>U = 3,5 \text{ W}/(\text{m}^2\text{K})</math></li> </ul> <p>optional:</p> <ul style="list-style-type: none"> <li>- door<sup>1)</sup> 6 chamber multi-skin sheet <math>U = 1,8 \text{ W}/(\text{m}^2\text{K})</math></li> <li>- door<sup>1)</sup> mit KS-3-glazing <math>U = 2,9 \text{ W}/(\text{m}^2\text{K})</math> <sup>1)</sup> With a door size of 25 m<sup>2</sup></li> </ul> <p>▪ <b>Resistance to wind load:</b> Classification in acc. with EN 12424, test in acc. EN 12444:</p> <ul style="list-style-type: none"> <li>- door without / with wicket door Class 2 (max. Pa)</li> <li>- door without wicket door Class 3 (max. Pa) (up to a 6500 mm door width optionally)</li> </ul> <p>▪ <b>Resistance to water penetration:</b> classification in acc. with EN 12425, test in acc. EN 124897:</p> <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> <p><sup>*1</sup> Can only be achieved with special bottom profiles.</p> <p>▪ <b>Air permeability:</b> (classification in acc. with EN 12426, test in acc. EN 12427):</p> <ul style="list-style-type: none"> <li>▪ door without / with wicket door Class 3</li> </ul> <p>▪ <b>Reaction to fire (DIN EN 4102):</b></p> <ul style="list-style-type: none"> <li>- Door leaf element material class B2 (normally inflammable)</li> </ul> <p>▪ <b>Sound reduction</b> index acc. to 140-3, acc. to EN717-1 <math>R_w = 24 \text{ dB}</math></p>	<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>																							
		<b>Fitting</b>	<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>▪ HLLUD = 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>Required space</b>	<p>Lateral stops:</p> <table border="0"> <tr> <td>for manual operation on both sides</td> <td>min. 110 mm</td> </tr> <tr> <td>for manual operation (NSH/NSD)</td> <td>min. 120 mm</td> </tr> <tr> <td>for geared chain</td> <td>min. 185 mm</td> </tr> <tr> <td>for shaft drive</td> <td>min. 210 mm</td> </tr> <tr> <td>for chain drive</td> <td>min. 150 mm</td> </tr> </table> <p>Headroom:</p> <table border="0"> <tr> <td>N-fitting</td> <td>400 - 500 mm</td> </tr> <tr> <td>ND-fitting</td> <td>470 - 550 mm</td> </tr> <tr> <td>NSH/NSD-fitting</td> <td>min. 270 mm</td> </tr> <tr> <td>NSH/NSD-fitting with wicket door</td> <td>min. 300 mm</td> </tr> <tr> <td>HL(U/D) -fittings</td> <td>notice headroom</td> </tr> <tr> <td>VL(U) -fittings</td> <td>notice headroom x 2 + 500 mm</td> </tr> </table>	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	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	notice headroom x 2 + 500 mm
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		<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>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>Wicket door</b>	<p>Installation of door width 2501 – 6000 mm</p> <ul style="list-style-type: none"> <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>Specialequipment</b>	<p>Casing, fixed panels matching door, side door N53 with upper casing, stop rail, ventilation grille, special RAL-colours</p>																						
<b>Installation</b>	▪ Masonry, Concrete, Steel construction																								
<b>Size range</b>	Width: 2000 - 8000 mm; Height: 1875 - 6000 mm (Further dimensions on request)																								
<b>Door leaf</b>	<ul style="list-style-type: none"> <li>▪ Consisting of individual door sections, 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>Frame</b>	▪ Lateral closed, profiled angular frame, hot-dipped galvanized steel, with screwed guide rail. Lateral rubbing stripe with sealing lip.																								
<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>Weight compensation</b>	▪ Torsion springs with lateral load-bearing cables galvanized and shot blasted.																								



# Sectional door SW 40

Made of steel door panels, double skinned, optionally with wicket door

SW 40 (exterior view)



normal-fitting **N**

**Surface texture**

microprofiled



stucco design

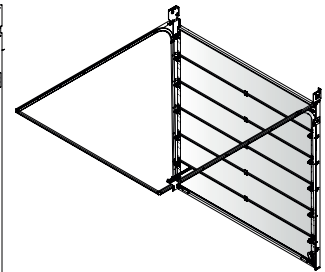


**Versions**



ribbed

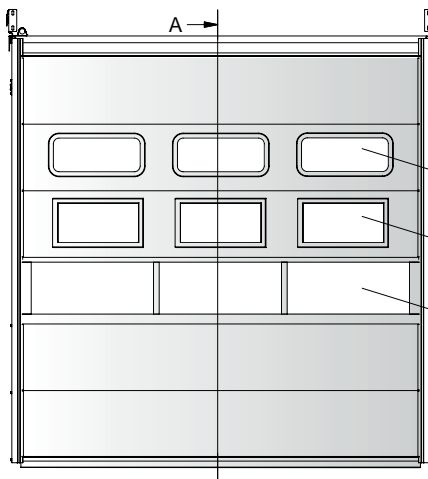
unribbed



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

SW 40 with glazing (optionally)

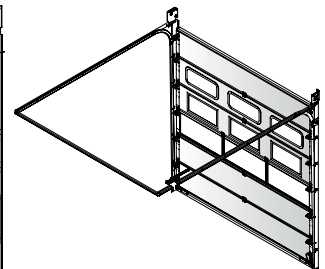
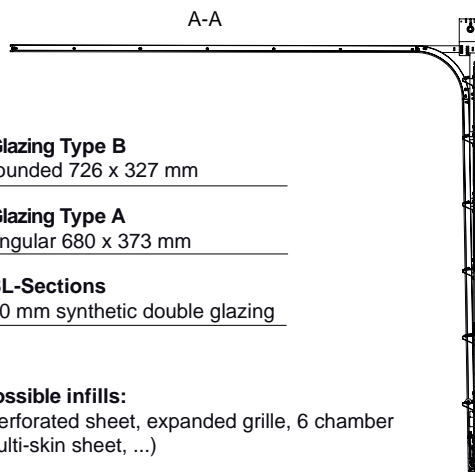


**Glazing Type B**  
rounded 726 x 327 mm

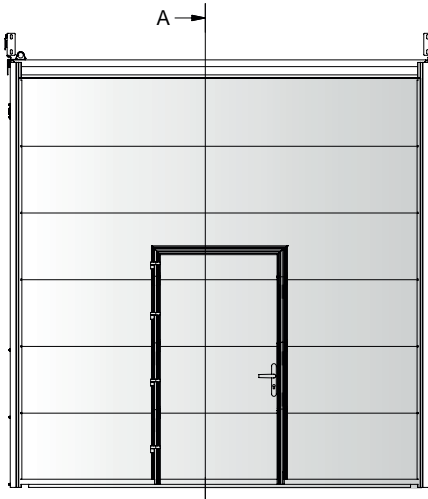
**Glazing Type A**  
angular 680 x 373 mm

**SL-Sections**  
20 mm synthetic double glazing

**Possible infills:**  
(perforated sheet, expanded grille, 6 chamber multi-skin sheet, ...)



SW 40 with glazing (optionally)



low threshold  
23 mm

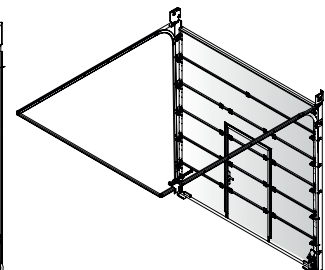
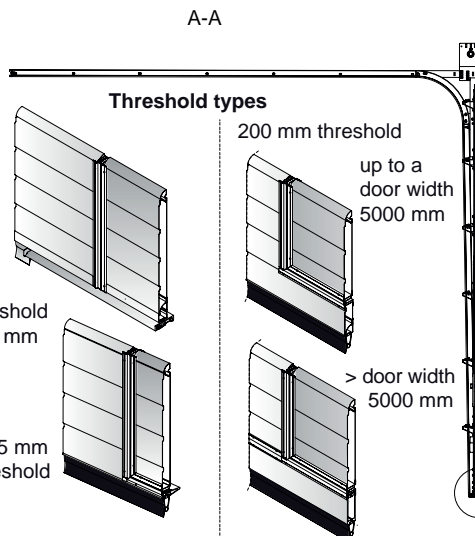
85 mm threshold

**Threshold types**

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 profile cylinder (PC=30.5/30.5).  
Wicket door opening outwards, frame profiles in aluminium E6/EV1