Sectional door SW 40

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

Teckentrup
Doors · Frames

Text example

Compile and tender according to requirements.
Please refer to technical data below for respective details.
Updated 1st 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 = 0.56 W/m²K (Panel 40 mm)
  · U = 1.2 W/m²K (complete door[1)] without wicket door)
  · U = 1.4 W/m²K (complete door[1)] with wicket door)
  [1)] With a door size of 25 m²
- Resistance to wind load
  (Classification in acc. with EN 12424, test in acc. EN 12444):
  · Class 2 (max. Pa) (without / with wicket door)
  · Class 3 (max. Pa) (wicket door)
  (up to a 6500 mm door width optionally)
- Resistance to water penetration
  (classification in acc. with EN 12425, test in acc. EN 12489):
  · Class 2/3*[1] (without wicket door)
  · Class 1/3*[1] (with wicket door)
  *[1] Can only be achieved with special bottom profiles.
- Air permeability
  (classification in acc. with 12426, test in acc. EN 12427):
  · Class 3 (without / with wicket door)
- Reaction to fire (DIN EN 4102):
  · Door leaf element material class B2(normaly inflammable)
- Sound reduction index acc. to ISO 140-3, acc. to EN717-1
  · R_w = 24dB

Installation: • Masonry • Concrete • Steel construction

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

Door leaf:
- Consisting of individual door sections, galvanized sheet steel; building depth: 40 mm
  Insulation: Polyurethane foam core
- 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
- Surface:
  Panels horizontally ribbed **outside**, stucco textured or microprofiled or unribbed microprofiled,
  inside always stucco textured
- 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
- Glazing (optionally):
- Glazed strip as separate section 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 colourless, retaining ledge KS-black with seal.
  Other infills with triple glazing, 5 chamber multi-skin sheet, etc.
- Sandwich composite window filled with double glazing 30 mm, colourless, profile edging synthetic black.

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 emergeny 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, 50Hz, 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

Wicket door: Installation of door width 2501 – 6000 mm
- Overhead door closer with slide without locking unit
- Mortice lock, prepared for PC (30.5/30.5)
- Lever/Lever made of aluminium (F1)
- Profile edging made of aluminium E6/EV1
- Further locks, sets, coatings, etc. -optionally

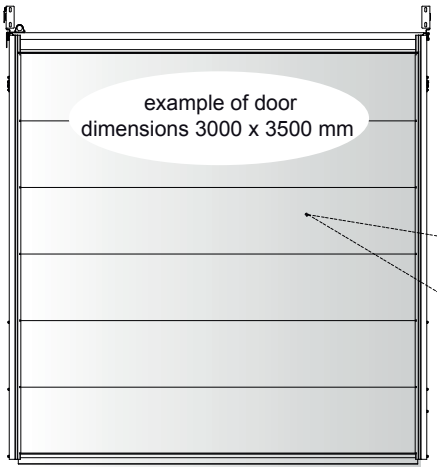
Special-equipment: Casing, fixed panels matching door, side door N53 with upper casing, stop rail, ventilation grille,special RAL-colours

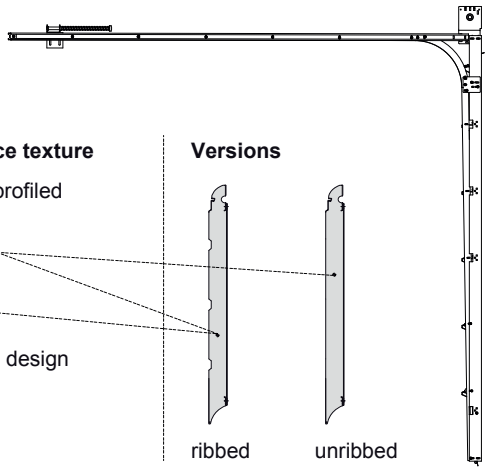
Sectional door SW 40

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

SW 40 (exterior view)

normal-fitting N





Surface texture

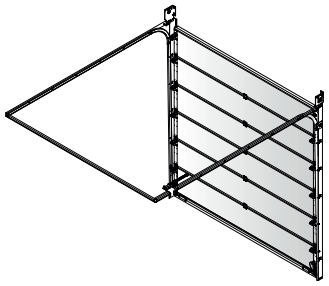
microprofiled

stucco design

Versions

ribbed

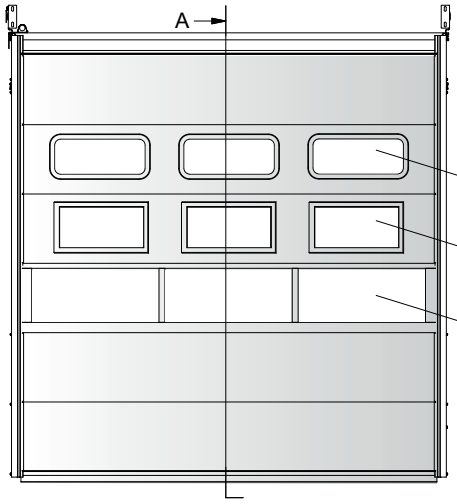
unribbed



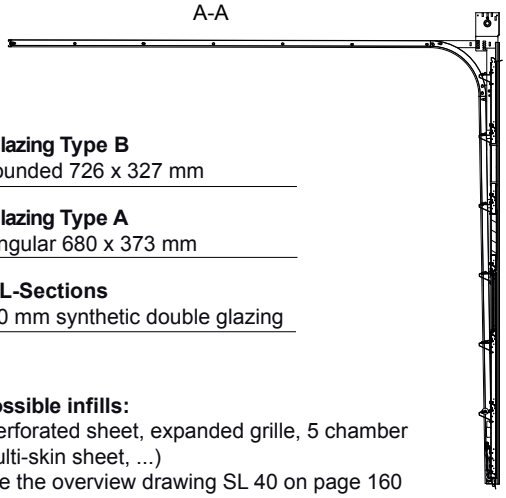
Ribbed version in micro-profiled and stucco design surface texture (outside) available.
Unribbed version available in micro-profiled surface texture.

Special surface texture in smooth or woodgrain available

SW 40 with glazing (optionally)



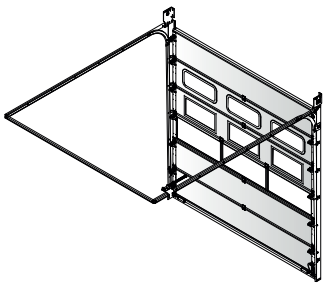
A-A



Glazing Type B
rounded 726 x 327 mm

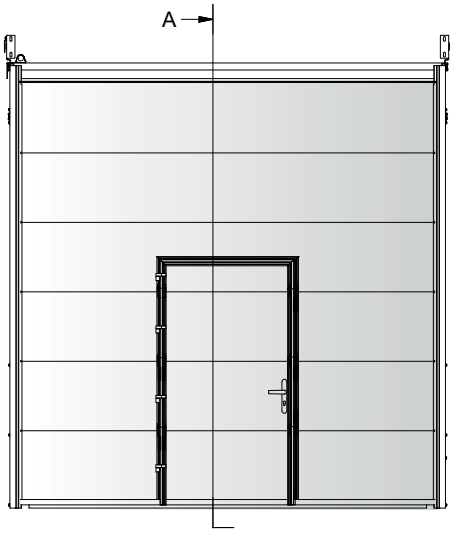
Glazing Type A
angular 680 x 373 mm

SL-Sections
20 mm synthetic double glazing

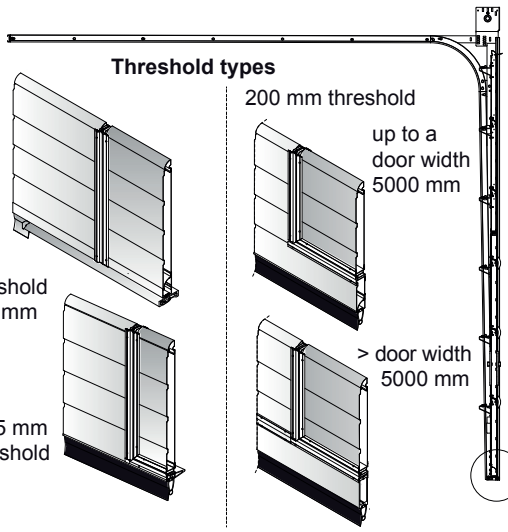


Possible infills:
(perforated sheet, expanded grille, 5 chamber multi-skin sheet, ...)
see the overview drawing SL 40 on page 160

SW 40 with glazing (optionally)



A-A

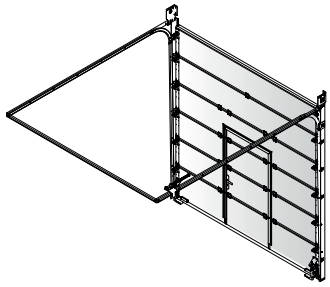


Threshold types

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,
mortise lock- prepared for a profile cylinder (PC=30.5/30.5).
Wicket door opening outwards, finger protection caps in synthetic grey,
frame profiles in aluminium E6/EV1