

Sectional door SLW 80

Bottom section made of SW 80 steel door panels, other sections made of aluminium frame construction with 43 mm synthetic triple glazing



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, bottom section with PUR foam core. Outside unribbed, microprofiled, inside with stucco design. Colour similar to RAL 9002 (Grey white). Building depth 80 mm. The other sections made of aluminium frame construction in thermally separated construction, surface anodised in E6/EV1, infilled with 43 mm synthetic triple glazing, colourless. Sections with centre seal. Double header- and floor 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 80" or equivalent. Clearance dimensions: _____ mm width x _____ mm height 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

Product: Sectional door SLW 80

Performance data: Equivalent with product standard EN 13241-1

- Heat insulation
EN 13241-1, attachment B EN 12428:
· U = 2.1 W/m²K (Door¹) with triple glazing
1) with a door size of 25 m²
- Resistance to wind load
(Classification as per EN 12424, test in acc. EN 12444):
· Class 3 (max. Pa)
- Resistance to water penetration
(classification as per EN 12425, test in acc. EN 12489):
· Class 0
- 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)
- Sound reduction index acc. to ISO 140-3, acc. to EN717-1
· R_w = 25 dB

Installation: • Masonry • Concrete • Steel construction

Size range: Width: 2000 – 6750 mm; height: 1875 – 6000 mm
(further dimensions on request)

- Door leaf:**
- Door leaf / Bottom section
Consisting of one SW 80 door section, galvanized sheet steel; building depth: 80 mm
Insulation: Polyurethane foam core
 - Surface protection:
Coil coating, two-layer outside (Acrylate-based ~ 25 µm), inside one layer (Polyester-based ~ 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.
 - Door leaf / above the bottom section
Glazed strip as separate section made of aluminium profiles in thermally separated construction, surface anodised in E6/EV1, standardly infilled with 43 mm KS-triple glazing colourless, retaining ledge aluminium anodised in E6/EV1 with seal
Optionally: fourfold glazing, scratch-resistant surface, 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:**
- Sliding bolt (on one side) including rope and handle 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..

Fittings:

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	mind. 110 mm
for manual operation (NSH/NSD)	mind. 120 mm
for geared chain	mind. 185 mm
for shaft drive	mind. 210 mm
for chain drive	mind. 150 mm

Headroom:
N-fitting 400 – 500 mm
ND-fittings 470 – 550 mm
NSH/NSD-fitting mind. 310 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 with "soft"-start and "soft" stop.
 - Direct drive as springless door without weight compensation, three-phase voltage 400 Volt 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 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, stop rail; ventilation grille; special RAL colours

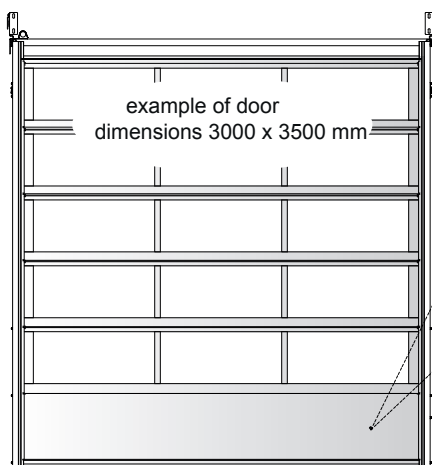
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Bottom section made of SW 80 steel door panels, other sections made of aluminium frame construction with 43 mm synthetic triple glazing

SLW 80 (exterior view)

Bottom section 610 mm

normal-fitting **N**



Surface texture

microprofiled



stucco design



Version

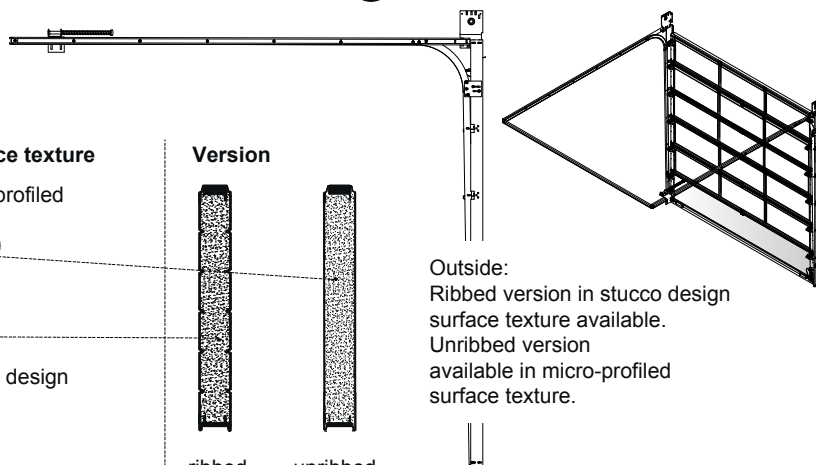


ribbed



unribbed

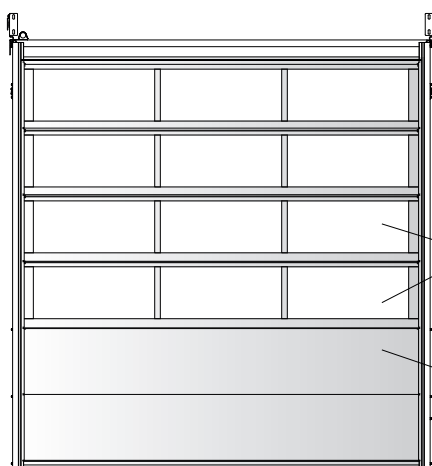
Outside:
Ribbed version in stucco design surface texture available.
Unribbed version available in micro-profiled surface texture.



SLW 80 (exterior view)

Bottom section 1220 mm

normal-fitting **N**



SL sections
43 mm synthetic triple glazing

