



Sectional door SLX 40

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

Text example:

Sectional door frame construction made of aluminium profiles, surface anodised in E6/EV1, standardly infilled with 20 mm KS-double glazing, scratch-resistant. Building depth 40 mm. Large glazed area without vertical bar profiles (up to door width 3.250 mm). 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 SL 40" or equivalent.

Compile and tender according to requirements. Please refer to technical data below for respective details. Updated 01.05.2023

Technical data

Product	Sectional door SLX 40 (materialgroup MD)	Fitting	<ul style="list-style-type: none"> ▪ 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 ▪ HLU = 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 																						
Performance data	<p>equivalent with product standard EN 13241-1</p> <ul style="list-style-type: none"> ▪ Heat insulation: EN 13241-1, attachment B EN 12428 - door¹⁾ without wicket door U = 3,5 W/(m²K) with double glazing optional: - door¹⁾ KS triple glazing U = 3,3 W/(m²K) ¹⁾ With a door size of 16 m² ▪ Resistance to wind load: Classification in acc. with EN 12424, test in acc. EN 12444: Class 2 (max. Pa) ▪ Resistance to water penetration: Classification in acc. with EN 12425, test in acc. EN 12489: Class 2/3¹⁾ ▪ Air permeability: Classification in acc. with EN 12426, test in acc. EN 12427: Class 3 ▪ Reaction to fire (DIN EN 4102): - Door leaf element material class (normally inflammable) B2 	Required space	<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>door height 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	door height x 2 + 500 mm
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Installation	▪ Masonry, Concrete, Steel construction	Drives	<ul style="list-style-type: none"> ▪ Shaft drive, chain drive, three-phase voltage 400V 3~Ph, 50 Hz, 20 cycles* per hour, protection class IP 65, with emergency hand crank, TÜV approved ▪ Shaft drive with alternating voltage 230 Volt 1~Ph, 50 Hz, 20 cycles* per hour, 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, 50Hz, 20 cycles* per hour, protection class IP 65, with emergency hand crank, TÜV approved, safety device integrated <p>* A cycle is a complete closing and opening operation of the door.</p>																						
Size range	Width: 2.000 - 4.000 mm; Height: 1.875 - 6.000 mm (Further dimensions on request)	Control	<ul style="list-style-type: none"> ▪ For shaft and chain drives, ready to plug prewired 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 																						
Door leaf	<ul style="list-style-type: none"> ▪ 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. 	Drives	<ul style="list-style-type: none"> ▪ door operator DRIVE 1100 1100^{pro+} 1100^{tiga+} ▪ Nominal Voltage 230V AC ▪ Control voltage 24V DC ▪ only for Normal (N) and Low headroom (NSH)- fitting ▪ Max. tractive and compressive force 1100 N Max. permissible door leaf weight 260kg Max. door width x door height = 6.500 x 3.000 mm ▪ A detailed description of the drives and controls + a large selection of accessories (e.g. hand-held transmitter, radio code button, radio receiver, wall button, etc.) can be found in our current price list 																						
Frame	▪ Lateral closed, profiled angular frame, hot-dipped galvanized steel, with screwed guide rail. Lateral rubbing stripe with sealing lip.	Special-equipment	Casing, fixed panels matching door, side door N53 with upper casing, stop rail, ventilation grille, special RAL-colours																						
Manual operation	<ul style="list-style-type: none"> ▪ Handle inside including rope ▪ Handle inside / footboard outside including rope ▪ Manual chain hoist 																								
Weight compensation	▪ Torsion springs with lateral load-bearing cables galvanized and shot blasted.																								
Locking	<ul style="list-style-type: none"> ▪ 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. handle on the inside ▪ Additional locking of electrically operated doors: from the inside with electrically operated sliding bolts (night-time locking) 																								



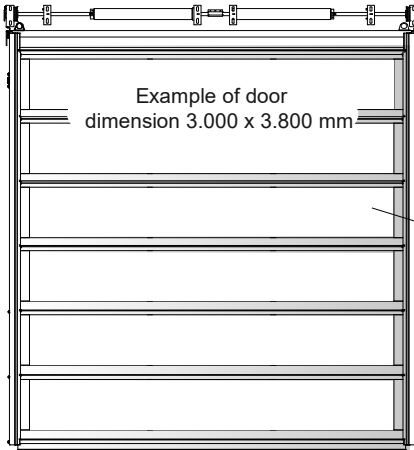
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SLX 40 (exterior view)

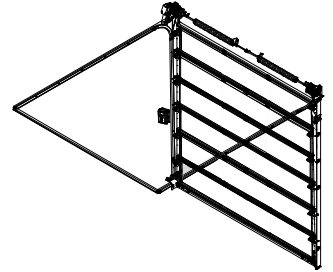
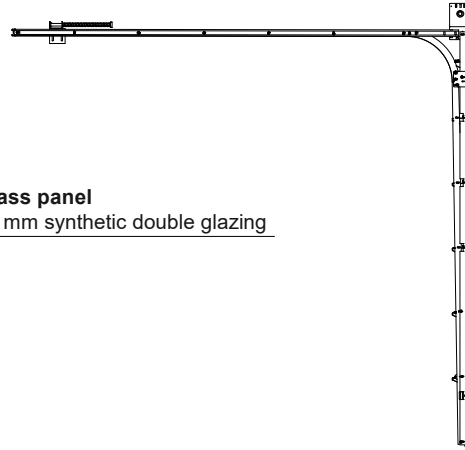
The door is supplied without mullions for door widths of 3.000 mm.

Normal-fitting



Example of door
dimension 3.000 x 3.800 mm

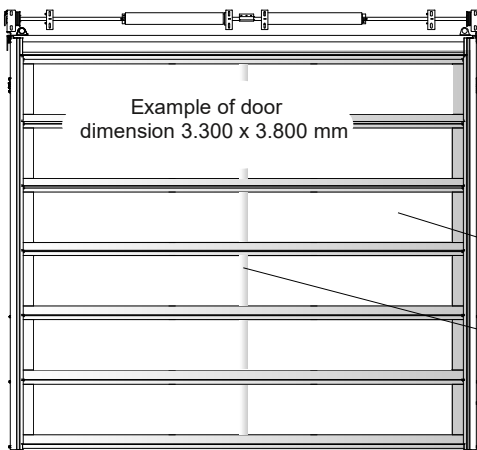
Glass panel
20 mm synthetic double glazing



SLX 40 (exterior view)

A centre mullion is supplied for door width of > 3.000 mm.

Normal-fitting



Example of door
dimension 3.300 x 3.800 mm

Glass panel
20 mm synthetic double glazing

Centre mullion
Centre mullion for door
ordering width of > 3.000 mm

