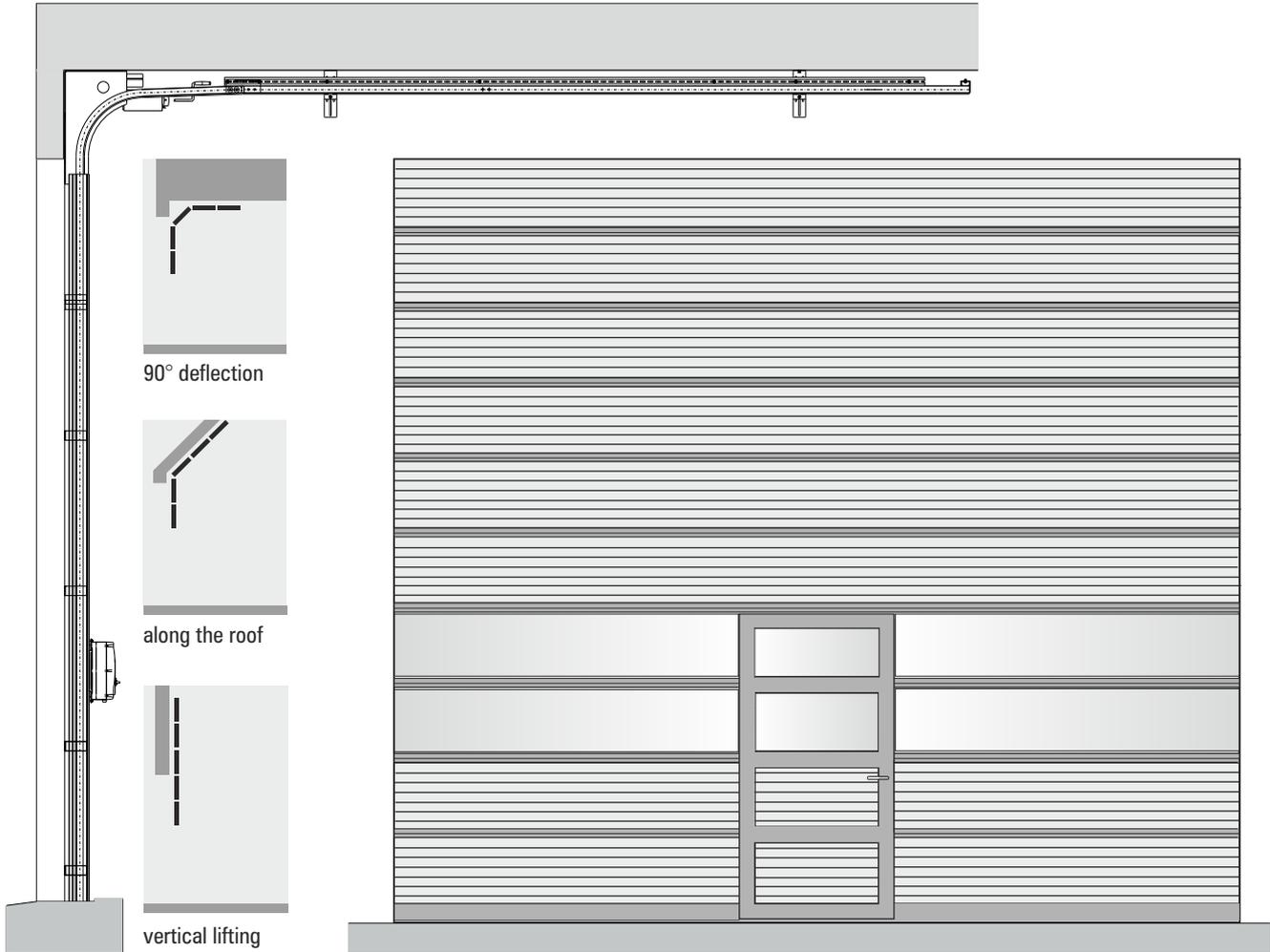


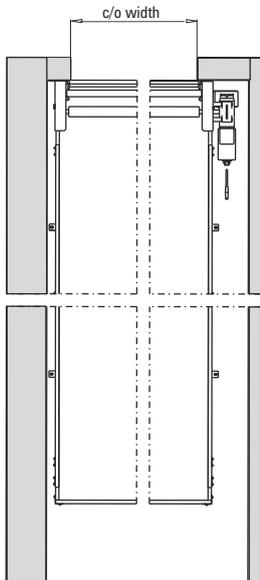
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Technical Data Sectional Door SPACELITE® HTU 40



Top view



Technical Data

Door panel depth (mm)	40
Max. door height (mm)*/**	5000
Max. door width (mm)	6000 (pass door 5500)
Required lintel height (mm)***	800 (opt. 350/door 400)
Door operation in dead-man's mode	■
Door operation in self-holding circuit	●
Safety edge control	●
Fast opening speed	●
Double SAN-glazed panel	●
Double SAN-glazed panel with Hard-Coating-surface	●
Double glazed panel (upon request)	●
Triple SAN-glazed, Hard-Coating-surface	●
Aluminium profiles colour-coated	●
Aluminium profiles anodised	●

Air permeability (EN 12426): Class 4,
 with pass door included: Class 3

Resistance to wind load (EN 12424):
 Class 5, with pass door included: Class 3.

Resistance to water penetration
 (EN 12425): Class 3 (up to 300 Pa), with
 pass door included: Class 3 (up to 100 Pa)

Note: Maximum values depend on the
 door dimensions and door equipment.

■ = standard equipment
 ● = available

* Doors with pass door (from 5 panels on): min. height: 2500 mm, min. width: 2500 mm
 ** Special dimensions upon request.
 *** Please contact us, if the required lintel height is not available. We can offer other technical solutions.

We have detailed technical drawings with the necessary installation dimensions for each door type at your disposal.

Technical Data

Sectional Door SPACELITE® HTU 40

Mains connection	(supplied by contractor) Doors with reversing contactor control (standard speed): 3/N/PE 400 V/ 50 Hz, pre-fuse C10 A three-phase current automation. Doors with frequency converter (high speed): 1/N/PE 230V/50Hz, one-phase current automation C 16A or 3/N/PE 400 V 50 Hz, pre-fuse C 16A three-phase current automation. If installed, make sure the residual current-operated circuit breaker is applicable for a frequency converter (type B) with a residual current not less than 300 mA. Note! The operator is responsible for the door inspection according to VDE 0100-610 or IEC 60364-6-61 respectively. Three-phase current connection: Apply a »clockwise rotating field«.
Drive unit	Electrically driven by gear motor, in final position electronically switched-off, thermal overload protection, protection class IP 65. Driving power depending on door size and equipment: Between 0.85 kW and 2.5 kW.
Control system.	Doors with either reversing contactor control or a frequency converter, inside plastic- or metal housing (performance-related), protection class IP 54, option: IP 65. Operating buttons and main switch separating all poles, located in the control panel front. Operating and diagnostic display visible from outside. Prepared for the connection of additional sensors and photo eyes. Special customised control and applications optional.
Door panels	Twin-walled fibreglass panels, colour shades: Brilliant, emerald-green, sapphire-blue (option). Aluminium profiles (blank, option: RAL colour coated or anodised according to DIN 17611), rubber sealings; side profiles, guide rollers. Light transmission up to 78 % (dependent on colour and thermal insulation). U_p -value for the twin-walled fibreglass panels: 2.5 W/m ² K, optional 1.7 W/m ² K or 1.4 W/m ² K. Note! Due to the laws of physics, twin-walled fibreglass panels are not diffusion-proof.
Vision panel (option) . . .	Double SAN-glazing (2.5 mm depth each), option: Hard-coated surface; aluminium side profiles (blank, optionally colour coated or anodised according to DIN 17611); dependent on door width and wind load: Reinforced; max. two vertical transoms (dependent on door width). Double-glazed panel upon request.
Pass door (option)	Material/colour shades as door system, vision panel (option), butt-hinge: DIN left (standard), opens outwards (seen from drive unit location). Installation prerequisites: Door width 2500-5500 mm, min. door height 2800 mm. Location: centre, optionally on left or right side 900-1500 mm distance to reveal (depends on door width); c/o width: 900 mm; c/o height: 2000 or 2100 mm. Top door lock. Threshold height: approx.20 mm.
Guide mechanism	Aluminium profiles, solid (blank, optionally RAL-colour coated or anodised according to DIN 17611), detachable track covers, drive-unit side: Cable duct (plastic, RAL 7035 light grey), rails guided along the ceiling: Galvanised steel (standard: 90°-deflection, variants: Rails guided along the roof or vertical lifting door.
Cassettes.	Galvanised steel; drive unit on right side (optionally left); drive tube, drive mechanism: monitored belt strap.
Speed.	Opening: Approx. 0.25 m/s ¹⁾ , depending on door type up to 1.00 m/s ²⁾ , with pass door included 60 cm/s. Closing: Max. 0.25 m/s. Doors with other speeds available upon request.
Door sealing.	With rubber seals between the individual door panels, between the tracks and door panels with brush- and rubber profiles, towards lintel and wall with rubber seal lips and a rubber profile towards the floor.
Safety	TÜV-tested (German technical surveillance agency), complying with regulations of the German employer's liability insurance association. Safety edge control for operation in self-holding circuit (option) via self-monitoring opto-electronical sensor (located inside the rubber profile). Sensor system connected to the control system via energy chain (located inside the track). Doors with an integrated pass door have a signal-leading photo eye installed. Safety: Load-bearing medium: Belt strap - monitored and certified.
Emergency operation . . .	Mechanical via crank handle, optionally via hoist chain.