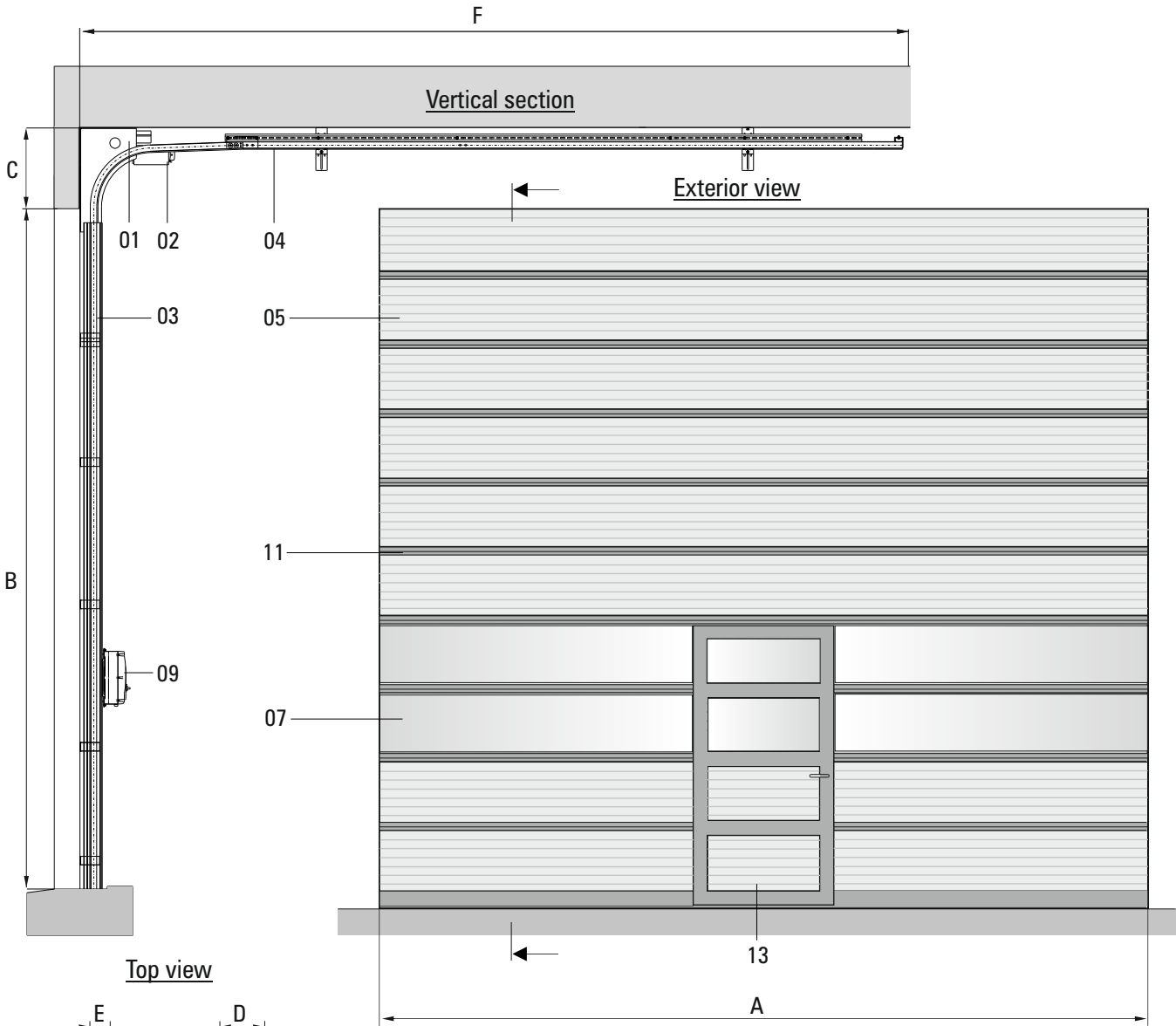
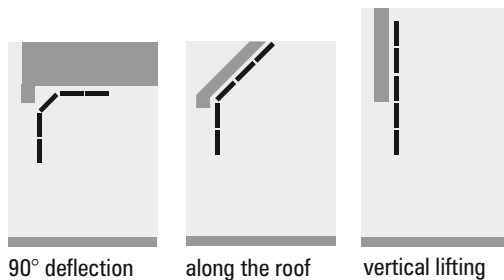


**Technical Data**  
**Sectional Doors SECTIOLITE ST40 and ST40T**



**Variants**



Dim. / Pos.		Technical Data Sectional doors SECTIOLITE®		ST40	
Technical state March 2020				ST40	ST40T ( incl. pass door )
A	Door dimensions [mm]*	Width min./ max. (extra width upon request)		1500 / 6000	2500 / 5500
B		C/o height min. / max.		2100 / 5000	2800 / 5000
C	Lintel requirement [mm]*	Min. (values in brackets: LS> 5500) / standard		350 (400) / 800	400 / 800
D	Lateral space requirement	Drive unit side min. / max.		185 / 400	185 / 400
E		Non-drive unit side min. / max.		185	185
F	Space requirements room depth [mm]	Min. required room depth for the guide rails		see dimensional drawings	
	Door panel height [mm]	Approximate value (minor deviations are possible, depending on door type)		500	500
	Opening speed [m/s]*	Relay- respectively contactor- / or frequency converter; up to		0.25 / 1.0	0.25 / 0.60
	Opening cycles / operating time*	Door cycles, usually up to ..... annually for contactor- / or respectively frequency converter control (SDS60, SDS100, SPRINT)		50 000 / 100 000	50 000 / 50 000
	Values for contactor- or frequency converter control	Maintenance interval, after max. door cycles or after interval		20 000 / 30 000 or annually	20 000 or annually
	Cycle: Opening and closing = two load alternations	Number of cycles, on average [ 1 / hour ]		10 / 20	10 / 20
		Increased number of cycles over max. 1 hour [ 1 / hour ]		20 / 30	20 / 30
		Increased number of cycles over max. 15 minutes [ 1 / min ]		-- / 1	-- / 1
	Wind load*	Classification according to DIN EN 12424**		2 - 5	2 - 3
	Air permeability	Classification according to DIN EN 12426**		4	3
	Resistance to water penetration	Classification according to DIN EN 12425**		> 3	3
	Airborne sound insulation Rw (C;Ctr) [dB]	According to DIN EN ISO 717-1**		23 (no test certificate)	24 (no test certificate)
	Operating forces / safe opening	According to EN 13241-1		fulfilled	fulfilled
	Burglar resistance	Resistance class according to DIN/TS 18194		--	--
	Thermal insulation value Ud *	Obtainable Ud-value for the door [W/m²K]		2,7	2,9
01	Cassettes	Steel, galvanised Steel, primed		■ --	■ --
02	Drive unit	Worm gear motor incl. brake and integrated anti-drop device Spur wheel back-geared motor incl. brake Driving power [kW]* Insertion foils to improve the thermal insulation value		■ -- 0.85 kW - 1.8 kW □	■ -- 0.85 kW - 1.8 kW □
03	Tracks vertical Surface	Aluminium profile trilaterally closed Blank Anodized E6 / C-0 (EV1) RAL colour coated (special colours upon request) Anodised according to British Standard		■ ■ □ □ □	■ ■ □ □ □
04	Rails guided along the ceiling Horizontal-, guided along the roof- or vertically guided, above	Steel, anodised		■	■
05	Door leaf fibreglass filling	Thickness of the twin-walled fibreglass panels [mm] Fibreglass colours brilliant / emerald Insertion foils for the improvement of the thermal insulation value Up-value of the fibreglass panel with max. amount of insertion foils [W/m²K] Fibreglass light transmittance up to (light transmittance depending on colour and Up-value) Fire behaviour acc. to EN13501 / building material grade acc. to DIN 4102 Other fillings		40 ■ □ 1,4 47 - 78% E / B2 upon request	40 ■ □ 1,4 47 - 78% E / B2 upon request
06	Real glass door panel Insulating glass filling (1.1 W/m²K) made of 2x4mm or 2x3mm tempered safety glass with overall thickness 24mm	1-2 transoms depending on door width Not allowed to be used as overhead glazing - for vertical installations only		upon request	upon request
07	Vision panel Plastic glazing, divided by vertical interspacers, depending on door width	Double glazing 2x2,35mm, SAN, Hardcote- coated Triple glazing 3x2,35mm, SAN, Hardcote- coated Double glazing 2x3mm, PC ( Makrolon)		■ □ --	■ □ --
08	Emergency opening	With crank handle (not suitable for low-height lintel) With hoist chain Including uninterrupted power source (UPS)		□ ■ upon request	□ ■ upon request
09	Control system	BDC E800 R relay- or contactor control respectively, power consumption 400 V/50 HZ (L1,L2,L3,N,PE), pre-fuse 10 A C-characteristics, FI type B only BDC E800 F4 - frequency converter control for soft start and a higher opening speed, power consumption 230V / 50Hz (L1,N,PE), pre-fuse 16A C-characteristics, FI type B only 4 kW frequency converter control power connection 400V / 50Hz (3,N,PE), pre-fuse 16A C-characteristics , FI type B only		■ □ □	■ □ □
10	Safety	Drive unit with integrated anti drop device Optoelectrical safety edge control with power supply via energy chain Signal-leading photo eye External photo eye External light curtain Laser sensor Anti-opening protection		■ ■ -- □ □ □ □ ■	■ -- ■ □ □ □ □ ■
11	Surface Door panel profiles made of aluminium	Anodised E6 / C-0 (EV1) RAL colour coated Anodised according to British Standard		■ □ □	■ □ □
12	Options	Car wash set [FR / NR] Lintel cover made of fibreglass		□ □	□ □
13	Description pass door (ST40T only) Note: The door is not approved as an escape door. The installation of a panic lock does not change this.	Passage width of the doorway [mm] Passage height standard / optional [mm] Threshold level / incl. wet room option [mm] Position in the door system Band width Opening direction Lock with falling latch prepared for locking cylinder PZ 30/50 Top door lock with sliding rail Door fittings made of aluminium EV1 Panic set type B / type E Vision element		-- -- -- -- -- -- -- -- -- -- -- --	900 2000 / 2100 ~25 / 130 centred DIN left outwards ( opposite to cassettes ) ■ ■ ■ □ / □ □

\* Depending on door size and equipment  
 \*\* Test certificate and test report are available respectively  
 \*\*\* Guide value, the value may differ, i.e. may be much higher or lower depending on the operating conditions

■ standard  
 □ available  
 -- not available