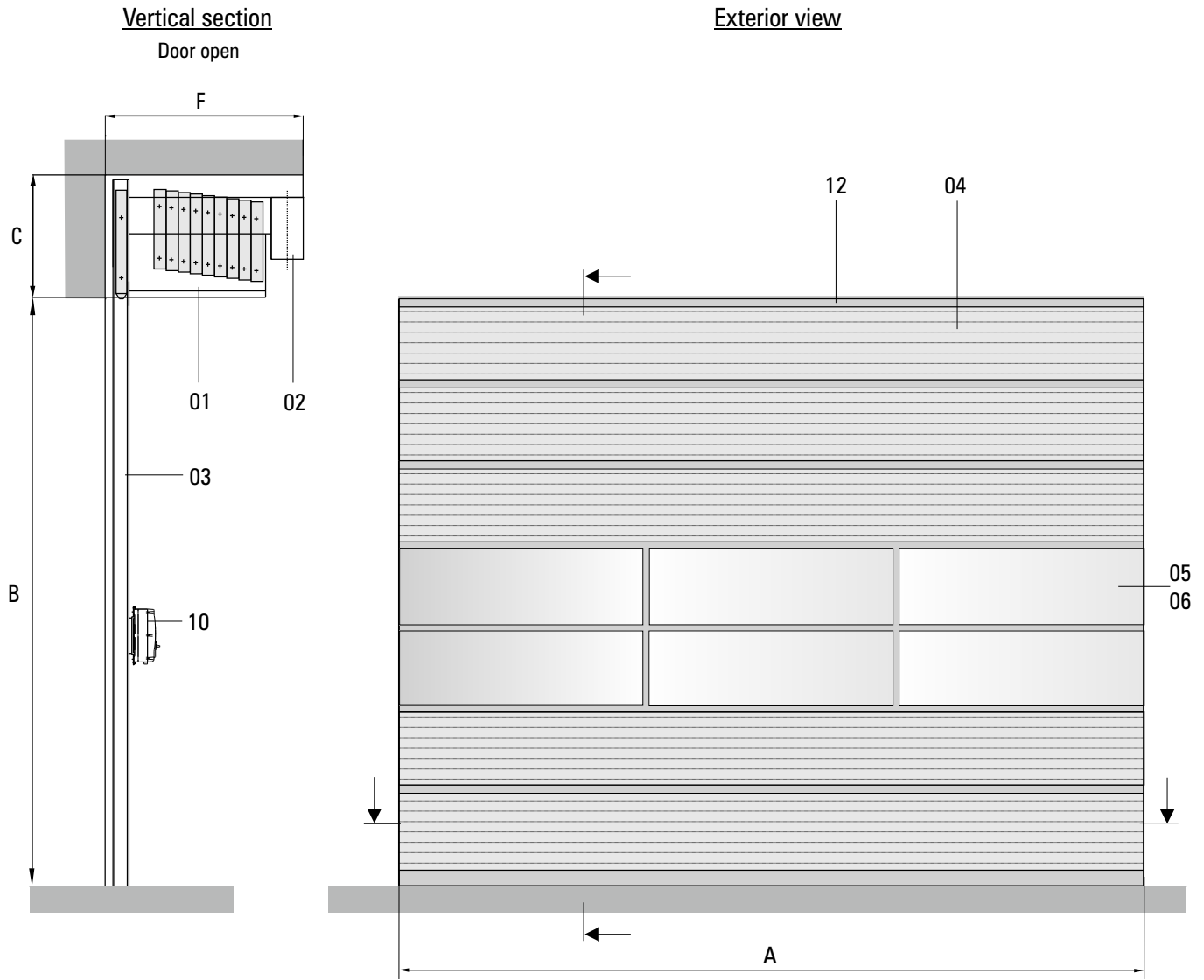


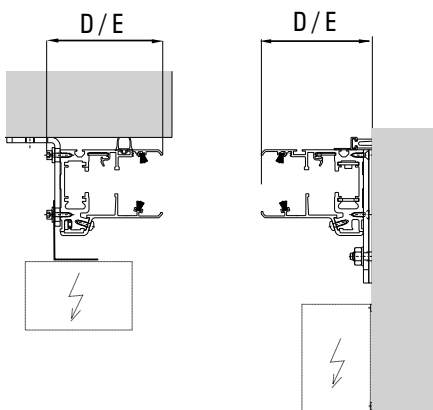
Technical Data

Stacking Doors SPACELITE® HT 40 and HTvision



Horizontal section

Mounting and Fixing Modes



Assembly behind
the reveal

Assembly within
the reveal

Schematic illustration
For more details please consult the dimensional drawings

Dim./ Pos.	Technical Data Spacelite®		HT40	
	Technical state July 2019		HT40	HTvision
A	Door dimensions [mm]*	Width min. / max. (extra width upon request)	1000 / 5500	1000 / 5000 (5500)
B		C/o height min. / max. (extra height upon request)	1000 / 8920	1000 / 4000
C	Required lintel height [mm]*	Min. / max.	700 / 870	700 / 870
D	Lateral space required [mm]*	Drive-unit side min. / max.	130 / 370	130 / 370
E		Non-drive unit side min. / max.	130 / 170	130 / 170
F	Required space for the door cassettes [mm]*	Required room depth depends on door height and type of cassette	620 / 820 / 1200 / 1540	820 / 1200
	Door panel height [mm]	Approximate value (min dependance on the door type minor deviations are possible)	500	500
	Max. panel weight [kg]		428	428
	Opening speed [cm/s]*	Relay- respectively contactor- / or frequency converter; up to	19 / 40	13 / 25
	Opening cycles / operating time*	Door cycles, usually up to annually for contactor- / or respectively frequency converter control (SDS25, SDS40)	50000	30000
	Values for respec. relay- / contactor / frequency converter control	Maintenance interval, after max. door cycles or after interval	20 000 / 1 year	10 000 / 1 year
	Cycle: Opening and closing = two load alternations	Number of cycles, on average [1 / hour]	10 / 10	5 / 5
		Increased number of cycles over max. 1 hour [1 / hour]	20 / 20	10 / 10
		Increased number of cycles over max. 15 minutes [1 / min]	-- / --	-- / --
	Wind load*	Classification according to DIN EN 12424**	2 - 4	2 - 4
	Air permeability	Classification according to DIN EN 12426**	3	3
	Resistance to water penetration	Classification according to DIN EN 12425**	2	2
	Airborne sound insulation Rw (C;Ctr) [dB]	According to DIN EN ISO 717-1**	21	
	Operating forces / safe opening	According to EN 13241-1	fulfilled	fulfilled
	Burglar resistance	Resistance class 3 according to DIN V ENV 1627	--	--
	Thermal insulation value Ud *	Door-related Ud-Value attainable [W/m²K]	1.9	2.3
01	Cassettes	Steel, galvanised	■	■
		Steel, hot-dip galvanised	□	□
		Steel, primed and varnished	--	--
02	Drive unit	Worm gear motor incl. brake	■	■
		Worm gear motor incl. brake and integrated anti-drop device	□	□
		Spur wheel back-geared motor incl. brake	--	--
		Hydraulic drive	--	--
		Driving power [kW]*	0.85kW - 1.8kW	0.85kW - 1.8kW
03	Tracks vertical	Aluminium profile closed on three sides	■	■
	Surface	Blank	■	■
		Anodised E6 / C-0 (EV1)	□	□
		RAL colour coated	□	□
		Anodised according to British Standard	□	□
04	Door panel with fibreglass filling	Thickness of the twin-walled fibreglass panels [mm]	40	--
		Fibreglass colours brilliant / emerald / sapphire	■	--
		Insertion foils for the improvement of the thermal insulation value	□	--
		Inside with PVC-profiles (similar to RAL 7047) for the improvement of the thermal insulation value	□	■
		Fibreglass for humid areas, closed by lamination on the front (refer to car wash option)	□	--
		Vision panel made of insulated pane of glass /size w x h [mm]	□ / 600 x 300	--
		Up-value of the fibreglass panel with max. amount of insertion foils [W/m²K]	1,4	--
		Fibreglass light transmittance up to (light transmittance depends on colour and Up-value)	47 - 78%	82% (ESG)
		Fire behaviour according to EN13501 / building material grade according to DIN 4102	E / B2	E / B2
05	Real glass door panel	With 1 - 2 vertical transoms, depending on door width	□	■
	Insulating glass filling (1,1 W/m²K) made of 2x4mm tempered safety glass and thermally insulated profiles	without vertical transom (door width Ls max. 3,98m)*	upon request	□
06	Vision panel with plastic glazing, incl. 1-4 vertical interspacers, depending on door width (other fillings available upon request, thickness up to 4 mm)	PC Makrolon	upon request	--
		PMMA (Plexiglas)	□	--
		Perforated plate RV5-8	upon request	--
		Single glazing made of tempered safety glass 1 x 4 mm	upon request	--
07	Other fillings	Sandwich d=40mm	upon request	--
		Sandwich d= 60mm	--	--
	For types HT180/ HT200 dry glazing instead of fibreglass	Other fillings	--	--
08	Emergency opening	With crank handle	--	--
		With hoist chain	■	■
		With battery	--	--
		With uninterruptable power source UPS	upon request	upon request
10	Door control Drive-unit side	BDC E800 R / S Relay- or respectively contactor control, power connection 400 V/50 Hz (L1,L2,L3,N,PE), pre-fuse 10 A C-characteristics, only type B residual-current circuit breaker	■	■
		BDC E800 F - frequency converter control for soft start and a higher opening speed, power connection 230V / 50Hz (L1,N,PE), pre-fuse 16A C-characteristics, only type B residual-current operated circuit breaker	□	□
		4 kW frequency converter control power connection 400V / 50Hz (3,N,PE), pre-fuse 16A C-charac-teristics, only type B residual-current operated circuit breaker	--	--
		Special control system for hydraulic drive, power connection 400V / 50 Hz, connection data upon request	--	--
11	Safety	Approved by the German technical surveillance agency (TÜV), integrated in the track with mechanical overload protection	■	■
		Optoelectrical safety edge control with power supply via energy chain or busbar respectively	■	■
		External photo eye	□	□
		External light curtain	□	□
		Laser sensor	□	□
		Anti-opening protection	■	■
12	Surface	Blank	--	--
	Door panel profiles made of aluminium	Anodised E6 / C-0 (EV1)	■	■
		RAL colour coated	□	□
		Anodised according to British Standard	□	□
	Options	Car wash set (FR / NR)	□	upon request
		Lintel cover made of fibreglass	□	□
		Door canopy in case of outdoor installation	□	□
		Lateral swivelling part with or without pass door to enlarge the overall passage opening	□	□
		Vertically opening (vertical door) or track extension respectively	□	□
		Horizontally movable tracks between two door systems to provide larger passage widths, can be combined to achieve extra-large widths	□	□

* Depending on door size and equipment
** Test certificate and test report are available respectively
*** guide value, the value may differ, i.e. it may be much higher or lower depending on the operating conditions.
**** Max. door cycles depend very much on the height of the door (run time; oil heating; locale climate; cooling)

■ standard
□ available
-- not available

NOTE: Not all options may be combined