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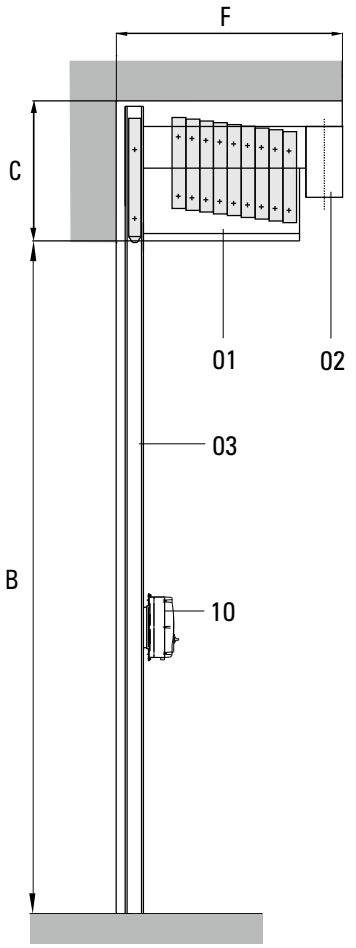
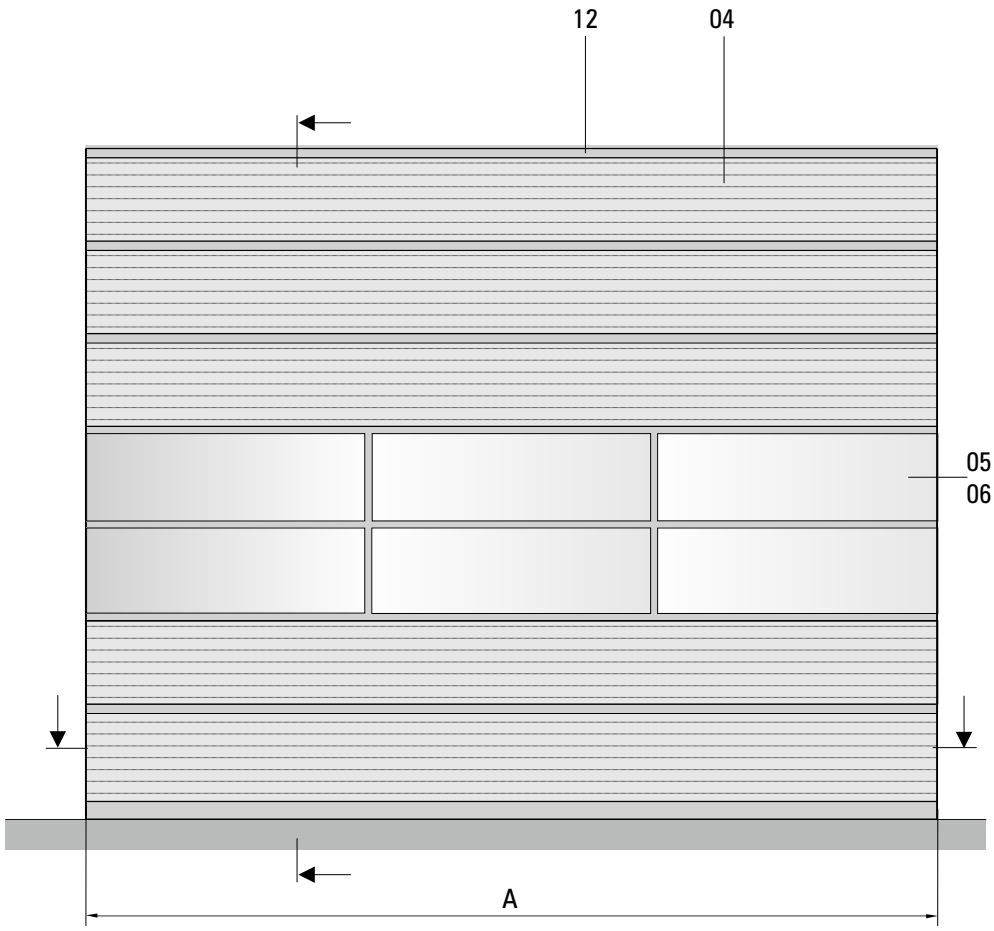
Technical Data
Stacking Doors SPACELITE® HT 40 and HTvision

Vertical section

Door open

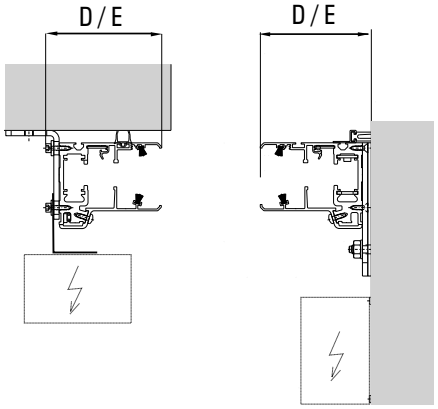


Exterior view



Horizontal section

Mounting and Fixing Modes



Assembly behind the reveal

Assembly within the reveal

Schematic illustration
For more details please consult the dimensional drawings

5416.4000 R · Version of 12.08.19 · Subject to technical alterations.

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 cyles or after interval	20 000 / 1 year	10000 / 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 acording to British Standard	□	□
04	**Door panel**	Thickness of the twin-walled fibreglass panels [mm]	40	--
	with fibreglass filling	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 fiberglass 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** **D**rive-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	■	■
		Optoelectronical 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