

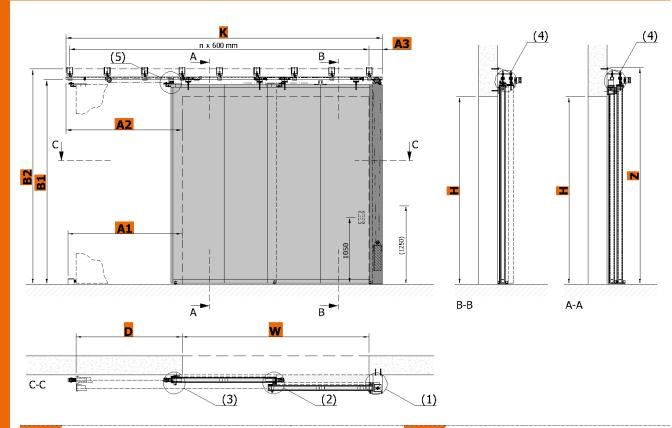
Somati system s.r.o.

TECHNICAL DATA SHEET SLIDING TELESKOPIC FIRE GATES SINGLE LEAF SGS-T EI 120

Technical data sheets serve to determine the basic space requirements of sliding telescopic fire gates. Other dimensions or atypical demands can be solved upon request.

SGS-T (2+0) EI 120

COUNTERWEIGHT

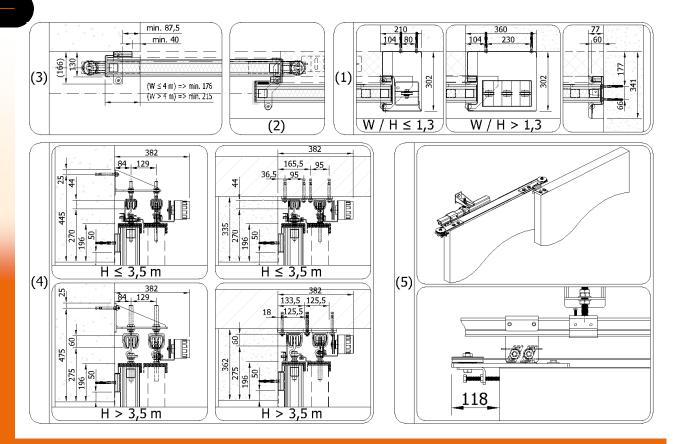


W	opening width [mm]		Н	opening height [mm]
D	gate range	= W/2 + min. 200 mm		
A1	floor stop	= D + 130 mm		
A2	overlap from edge of opening	= D + min. 118 mm		
A3	overlap from edge of opening	= $(W / H \le 1,3) => 210 \text{ mm}$; $(W / H > 1,3) => 360 \text{ mm}$		
K	length of rail	= A2 + W + A3		
B1	height of rail from floor	= (H ≤ 3,5 m) => H + 270 mm; (H > 3,5 m) => H + 275 mm		
B2	axis of fixing system	= (H ≤ 3,5 m) => H + 445 mm; (H > 3,5 m) => H + 475 mm		
Z	overall height without cover	= $(H \le 3.5 \text{ m}) => H + 470 \text{ mm}$; $(H > 3.5 \text{ m}) => H + 500 \text{ mm}$		

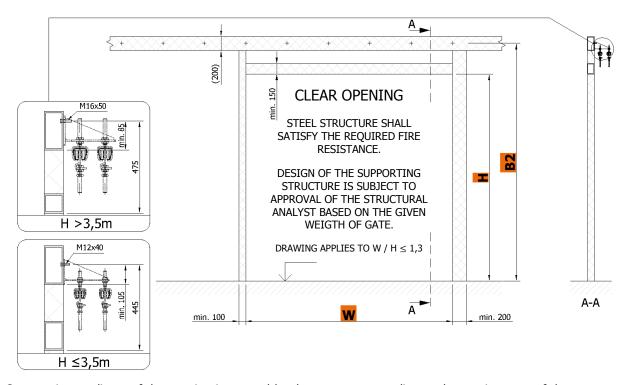
Average weight of gate leaf = 70 kg/m²







Minimum required dimensions of steel structure



Construction readiness of the opening is secured by the customer according to the requirements of the contractor and depending on the type of jamb and lintel of the opening.

Anchor brackets can be fixed with anchor bolts (concrete, solid brick), or to anchor targets with bolts through wall (foam silicate, gas silicate or breeze (hollow) blocks), or to prepared steel structure with appropriate fire resistance (plasterboard wall, sandwich panels etc.). It is necessary to respect the flatness of the wall and the floor with a tolerance of max. 3 mm/m.

Technical changes reserved.



