

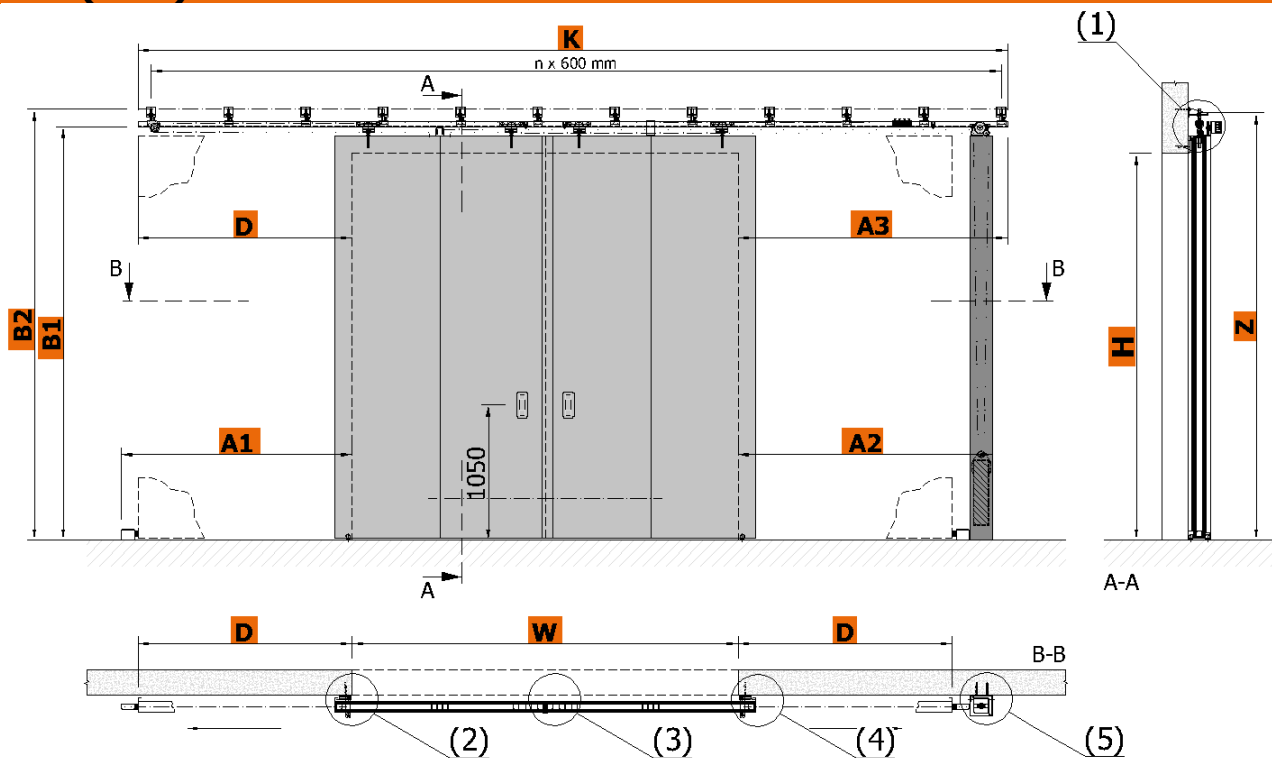


TECHNICAL DATA SHEET DOUBLE LEAF SLIDING FIRE GATES SGS (1+1) EI 120

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

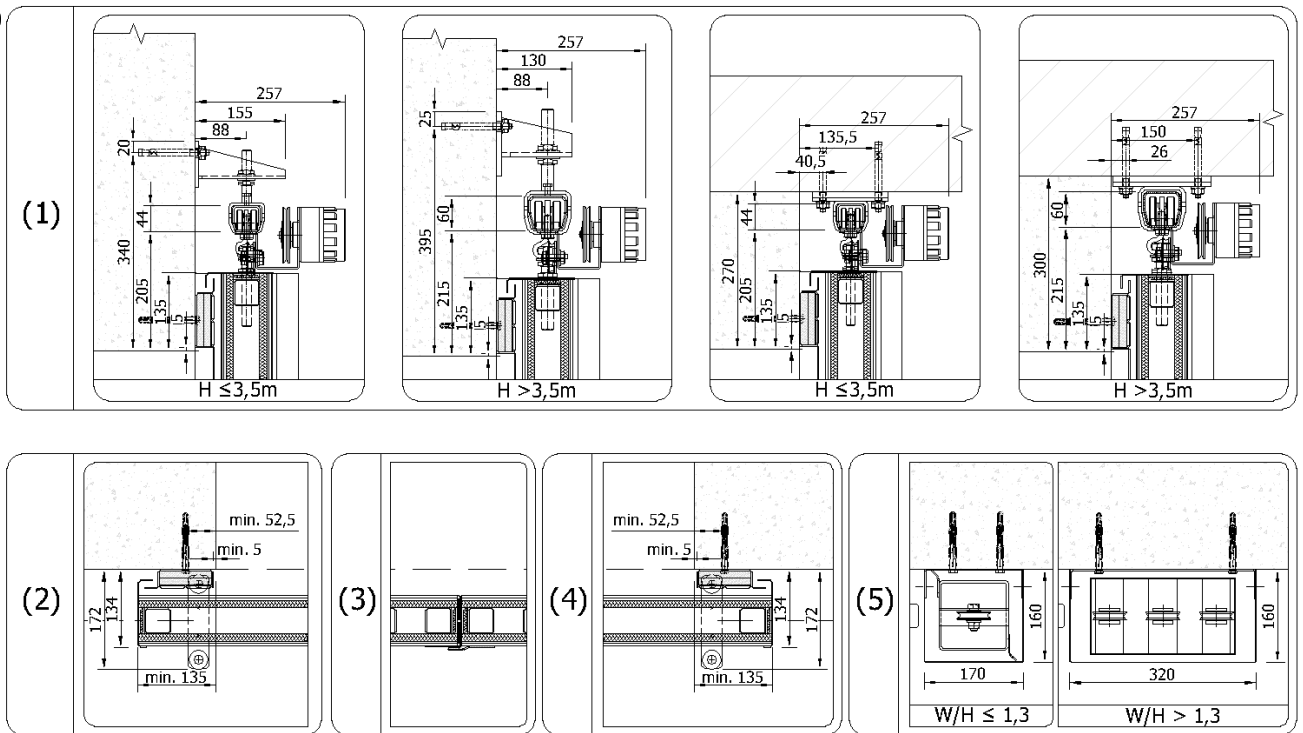
SGS (1+1) EI 120

COUNTERWEIGHT

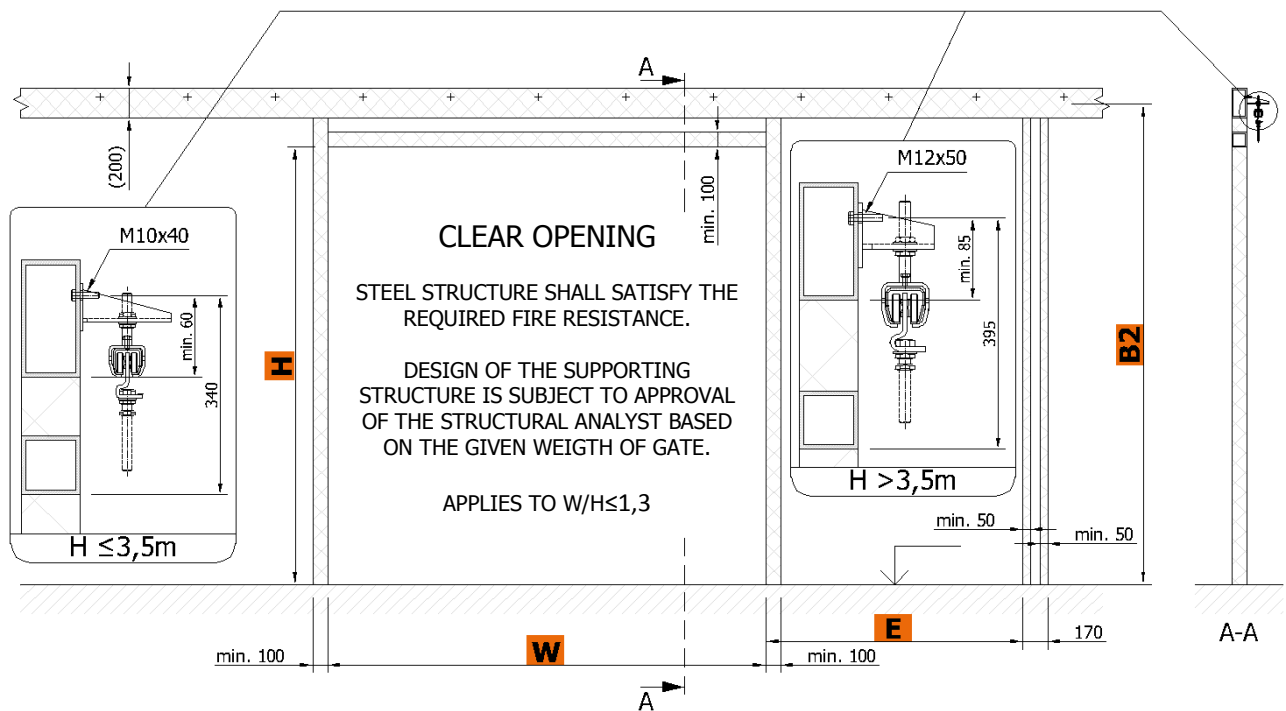


| | | | | |
|-----------|------------------------------|---|----------|---------------------|
| W | opening width [mm] | | H | opening height [mm] |
| D | gate range | = $W/2 + \text{min. } 135 \text{ mm}$ | | |
| A1 | floor stop | = $D + 130 \text{ mm}$ | | |
| A2 | covering of counterweight | = $D + \text{min. } 300$ this applies to $(W / H \leq 1,3)$ | | |
| A3 | overlap from edge of opening | = min. A2 | | |
| E | edge of steel structure | = min. A1 | | |
| K | length of rail | = $D + W + A3 \text{ mm}$ | | |
| B1 | height of rail from floor | = $(H \leq 3,5 \text{ m}) \Rightarrow H + 205 \text{ mm}; (H > 3,5 \text{ m}) \Rightarrow H + 215 \text{ mm}$ | | |
| B2 | axis of fixing system | = $(H \leq 3,5 \text{ m}) \Rightarrow H + 340 \text{ mm}; (H > 3,5 \text{ m}) \Rightarrow H + 395 \text{ mm}$ | | |
| Z | overall height without cover | = $(H \leq 3,5 \text{ m}) \Rightarrow H + 360 \text{ mm}; (H > 3,5 \text{ m}) \Rightarrow H + 420 \text{ mm}$ | | |

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.

Would you like to know more? Contact us.

Somati system s.r.o., Jihlavská 510/2c, 664 41 Troubsko
IČ: 29260159, DIČ: CZ29260159
tel: +420 547 427 011, www.somati-system.cz