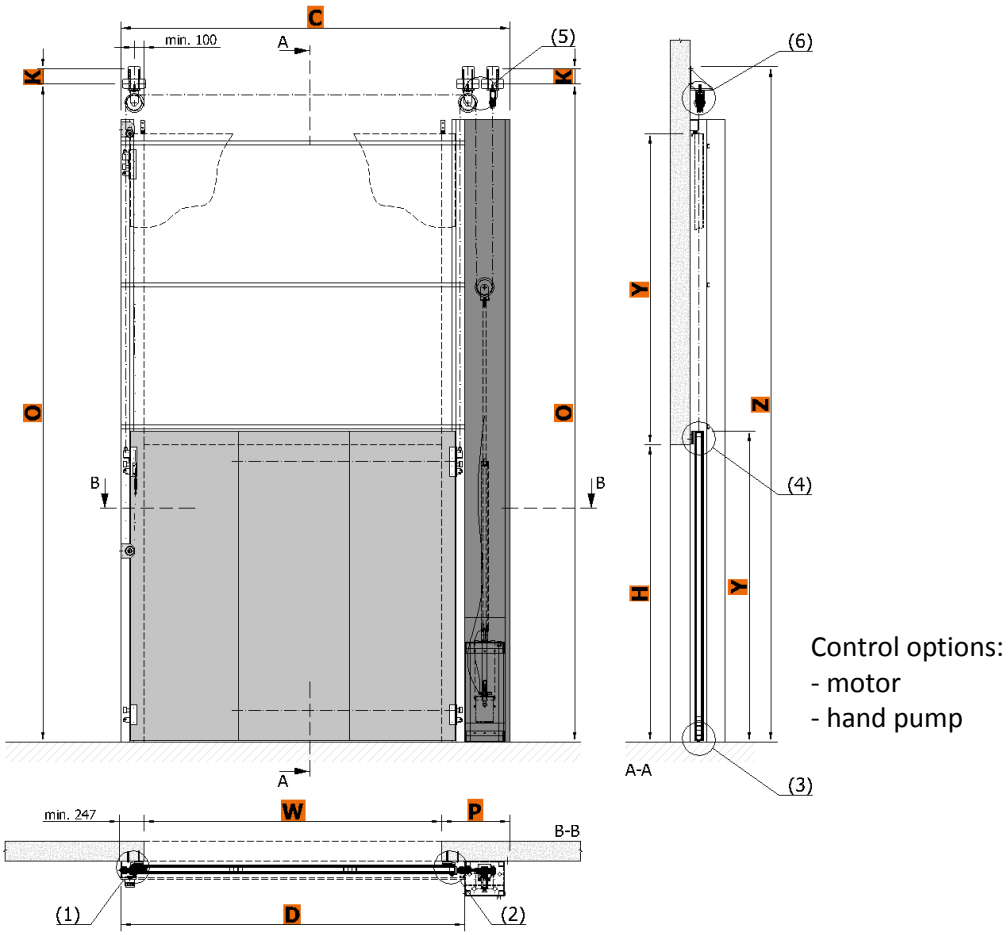
Somati
system s.r.o.

TECHNICAL DATA SHEET
VERTICALLY SLIDING FIRE GATES
GGS EI 120

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

GGS EI 120 — HYDRAULIC SYSTEM



Control options:
- motor
- hand pump

Minimum height H_{min} = 2000 mm. Smaller dimensions has to be consulted with producer.

W	opening width [mm]			**H**	opening height [mm]
Y	gate range	=	H + 135 mm		
D	external pitch of guide tracks	=	W + 2x min. 230 mm (+ 2x 17 mm bolts)		
C	overall width	=	W + min. 247 mm + P		
A	vertical part of steel structure	=	O – 60 mm		
K	pitch of bracket anchor points	=	(m ≤ 1000 kg) => 155 mm; (m > 1000 kg) => 230 mm		
O	anchoring axis of pulley	=	H + Y + min. 485 mm		
P	cover of hydraulic cylinder	=	685 mm		
Z	overall height	=	(m ≤ 1000 kg) => O + 175; (m > 1000 kg) => O_1 + 250 mm		
E	edge of steel structure	=	P – 80 mm		

Average weight of gate leaf = 70 kg/m^2

TECHNICAL DATA SHEET GGS EI 120 HYDRAULIC SYSTEM

03/2017

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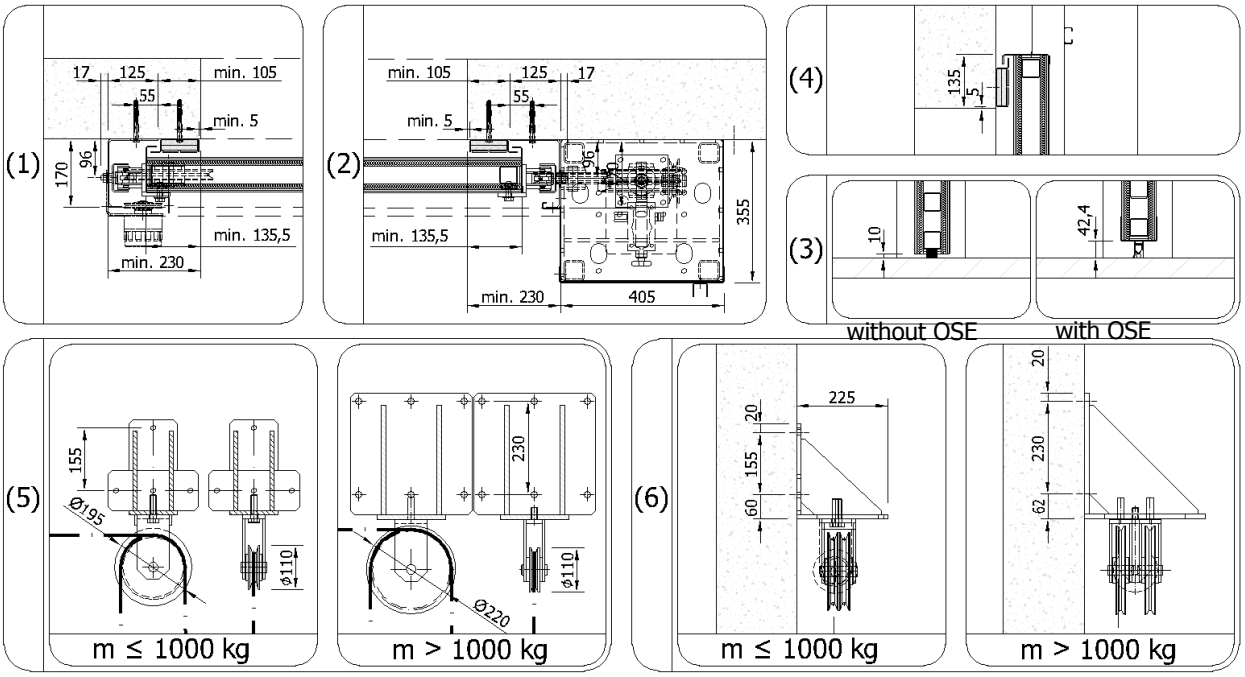
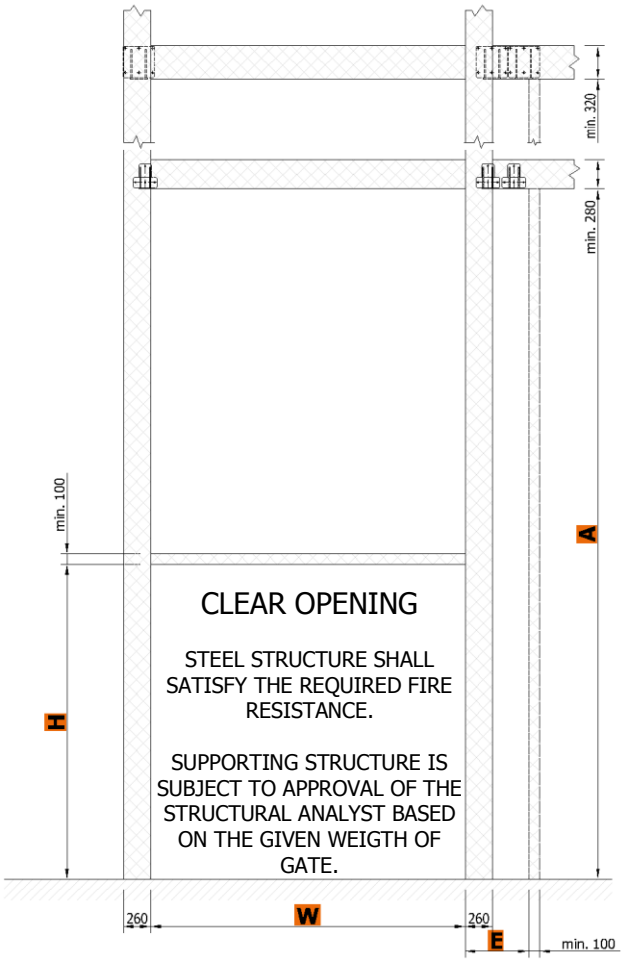


Minimum required dimensions of steel structure

m > 1000 kg

m ≤ 1000 kg



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.

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