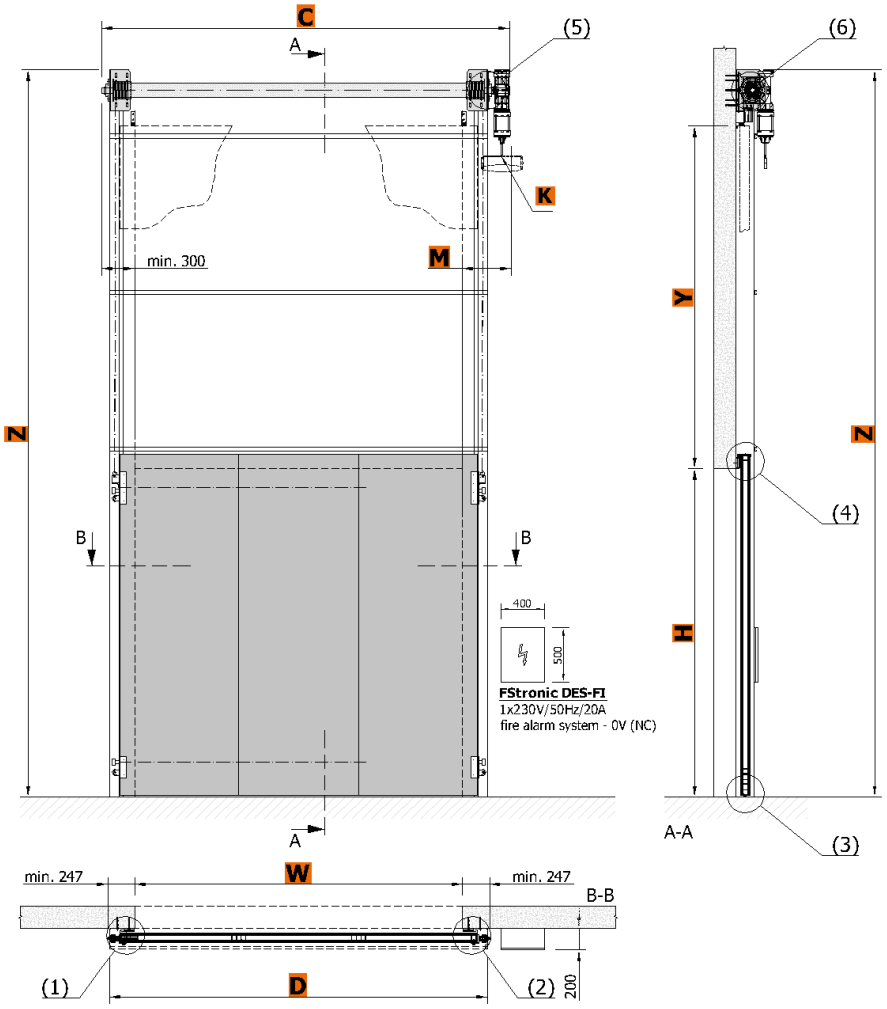
Somati system s.r.o.

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 — MOTOR



Maximum area of opening = 24 m^2, maximum height H ≤ 6,2 m.

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 + M + min. 300 mm		
A	min. height of steel structure	=	Z + 50 mm		
M	motor from edge of opening	=	420 mm to 470 mm		
K	space for crank of motor	=	400 mm x 400 mm		
Z	overall height	=	H + Y + 510 mm		

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

TECHNICAL DATA SHEET GGS EI 120 MOTOR

01/2023

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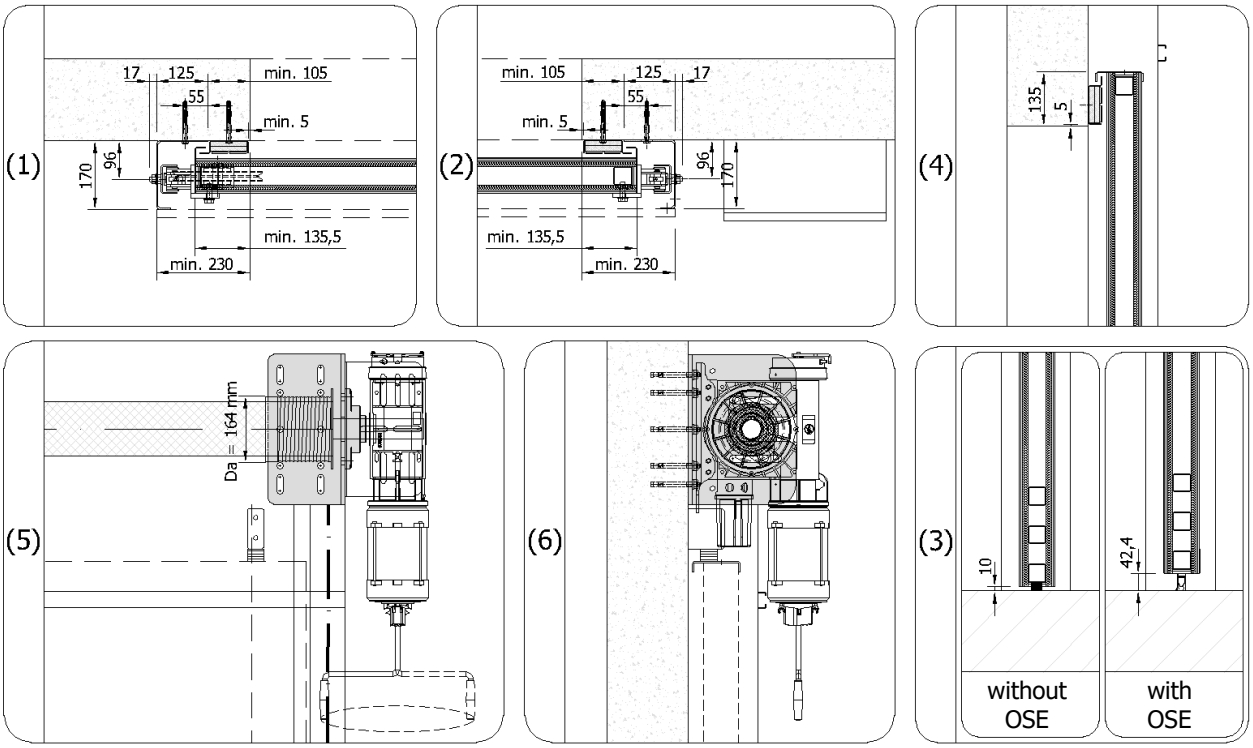
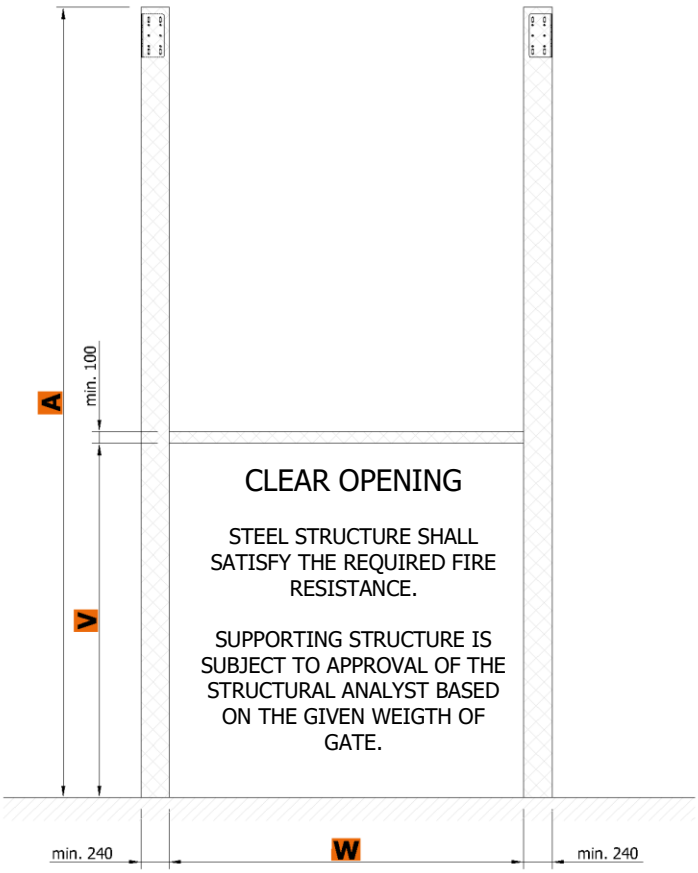


Minimum required dimensions of steel structure



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.

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