

## PROTECTIVE DOORS & OPENINGS PROTECTION

# ATM SO-1 Shelter Door



Atmas **ATM SO-1** is part of a series of heavy-duty blast rated, and gastight doors designed for installation in civil defence shelters and protected facilities. The doors when installed in the shelter were designed to protect the internal space from blast wave pressure (in both positive and negative phase) and create gas tight shelter perimeter helping preventing harmful gases from entering inside.

## Blast rating:

**200 (2) kPa (bar)**

**\*optional >300 kPa**

## Splinter protection:

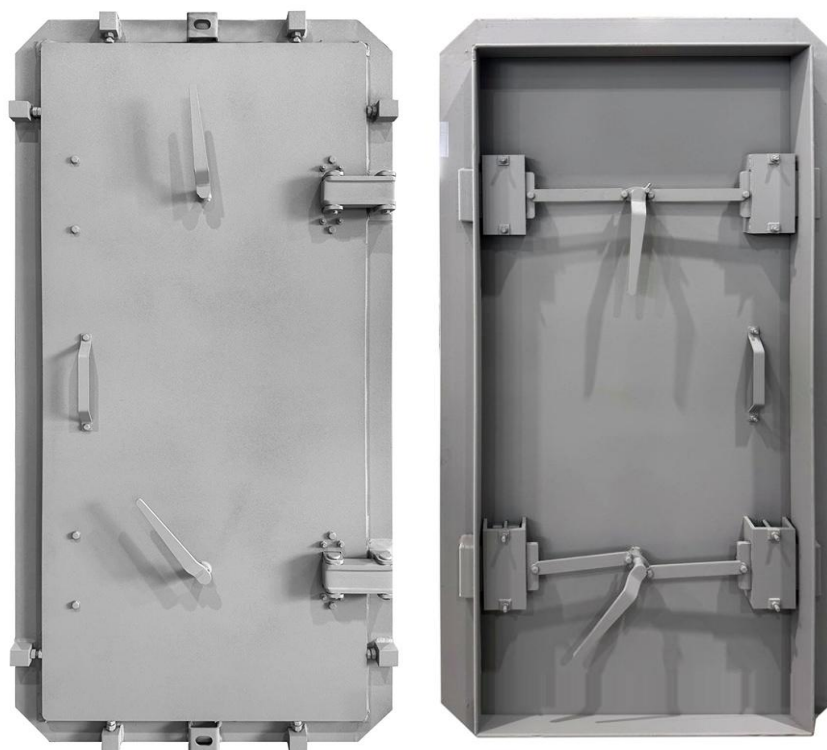
**Yes, for SO-1s**

## Gastight:

**Yes**

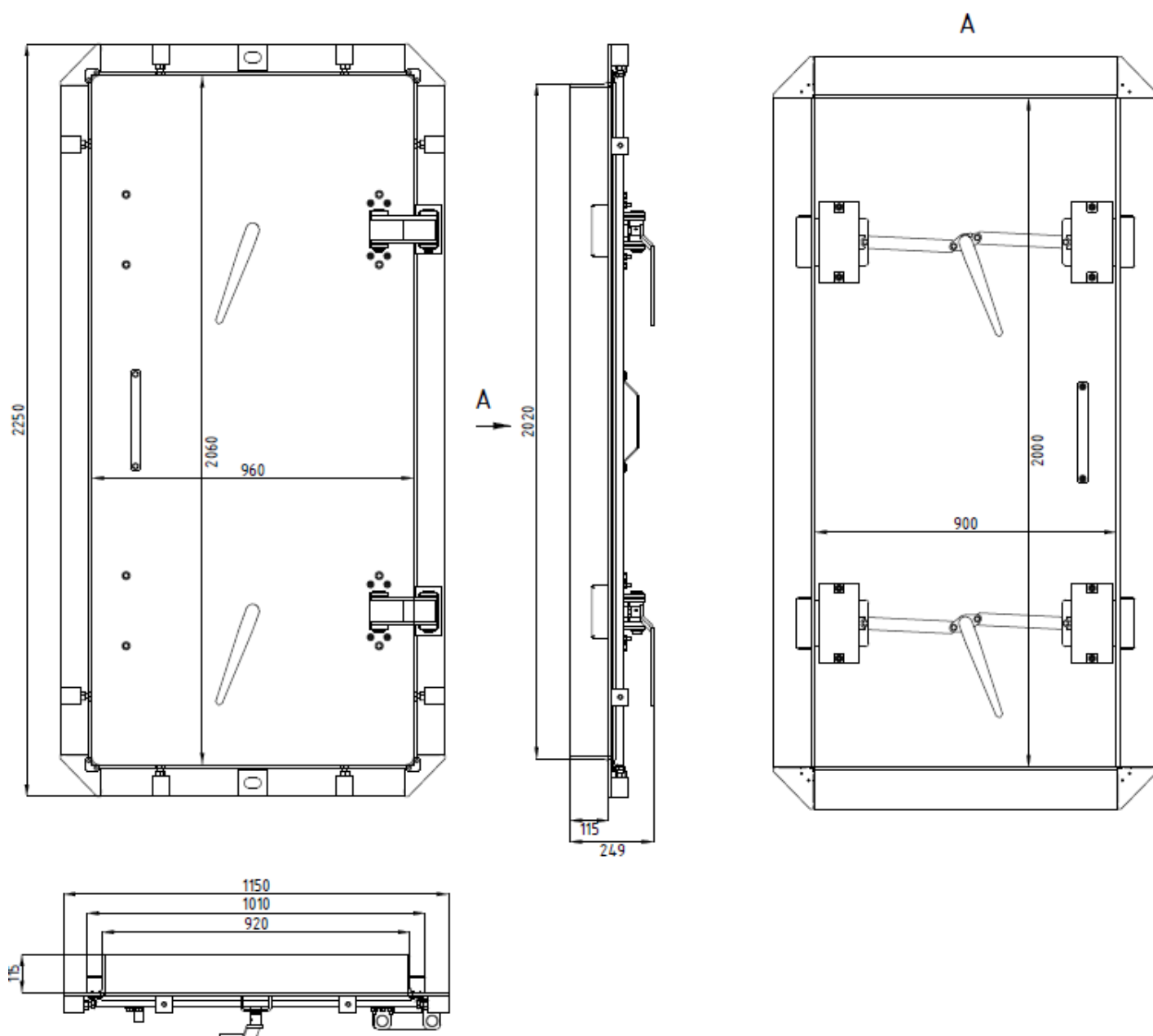
## Ground shock resistance:

**up to 30 g**

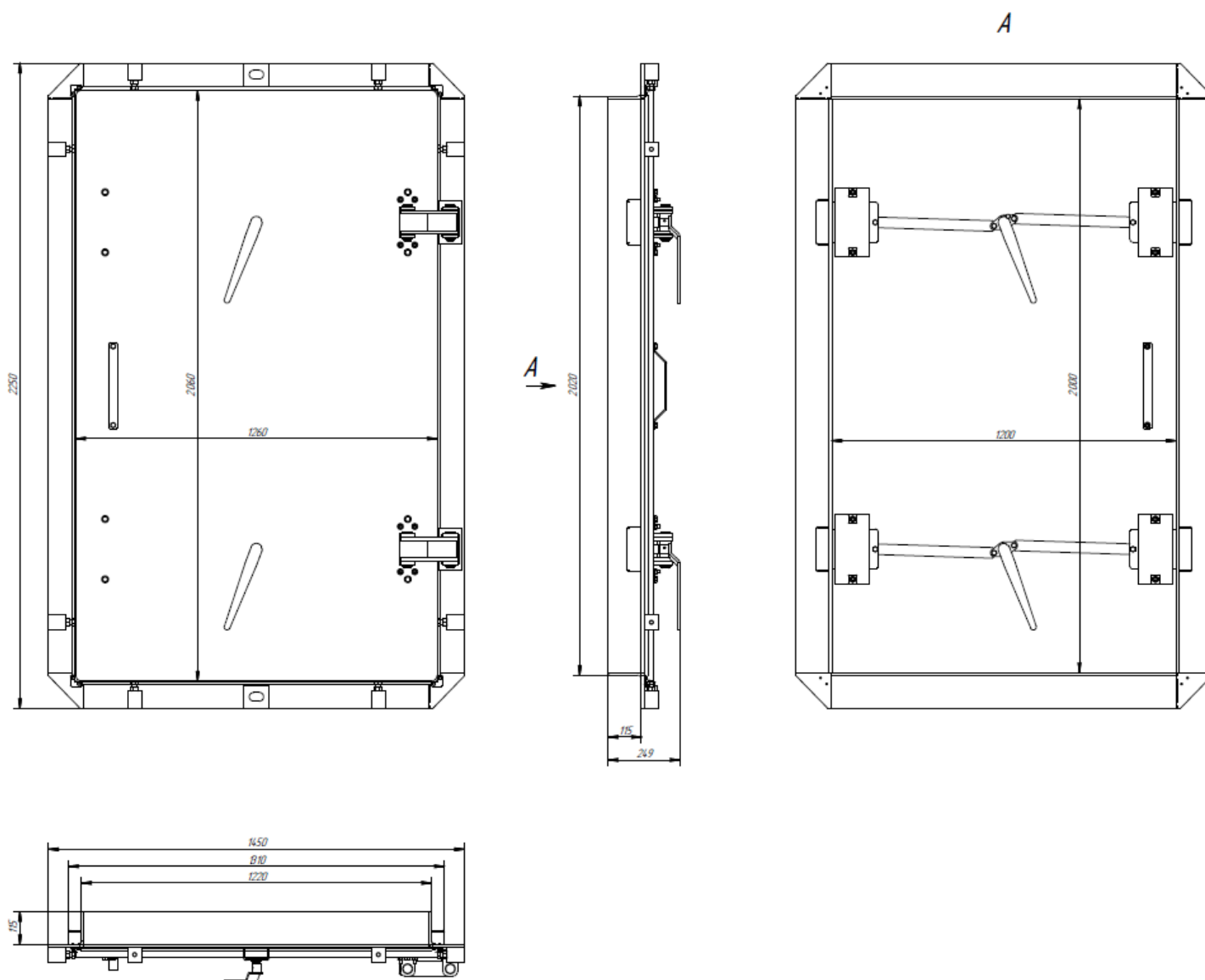


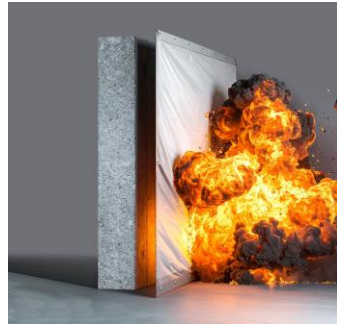
| Main Features        |                                                            |
|----------------------|------------------------------------------------------------|
| Installation options | Casting or Retrofit, right or left, opening toward outside |
| Configuration        | Singe or double leaf (optional)                            |
| Clear opening sizes  | 900x2000mm, 1200x2000mm and custom sizes                   |
| Locking mechanism    | Levers with multiple locking points                        |
| Leaf structure       | Steel plate 20mm (SO-1) or 30mm (SO-1s)                    |
| Weight               | 492 kg (SO-1 900x2000mm)                                   |

## SO-1 900x2000mm Dimensions



## SO-1 1200x2000mm Dimensions





## About Atmas

**Atmas Group** is a Finland-based global supplier of products, technologies, project support services and complete solutions in the areas of civil defense shelters and protected spaces, facilities reinforcement against CBRN, blast, ballistic, forced entry and EMP threats, as well as security, safety and emergency response.

Atmas is trusted by customers and partners around the world providing a unique combination of solutions "under one roof", with a focus on advanced technologies, product customization, uncompromised service and comprehensive project support.

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