# FIRE CURTAIN AUTOMATIC

# GSF KPR EI90, EI120

**GSF KPR Fire Curtain by GLOBAL SYSTEM** is intended for closing off opening in vertical partitions, both internal and external. The main purpose of the curtain is to **limit the spread of fire and the flow of gases and heat** for 90-120 minutes. Curtains separate fire zones in buildings and enable safe evacuation. They can be applied in public facilities and in other types of buildings. **GSF KPR EI Fire Curtain by GLOBAL SYSTEM** is equipped with an electric drive - a tubular motor, usually located on the right side.



## ▶ TYPES OF FIRE CURTAINS

**GSF KPR EI90** – prevents the spread of fire and the flow of gases and heat streams for **90 minutes**

**GSF KPR EI120** – prevents the spread of fire and the flow of gases and heat streams for **120 minutes**

## ▶ GATE CONSTRUCTION

Fire curtain consists of:  curtain coat, shaft housing, guides, ballast strip, tubular drive, control unit.



Limiting the flow of flames, gases and heat ✅
Separation of fire zones ✅
Ensuring the safe evacuation ✅
Compact, light construction ✅
Easy to assemble ✅



## ▶ ADDITIONAL INFORMATION

**The curtain gate coat** is made of fire-proof fabric of glass fibre, which is wound on a shaft and fixed between the guides. The door is controlled by **the control panel,** which starts the motor and lowers the curtain when it receives a signal from a smoke detector or from the fire alarm system. In case of power failure, the control panel is supplied by built-in batteries. The emergency power supply time is up to 24 hours. **Shaft casing and guides of the curtain gate** are made of galvanized steel sheet as a standard. All elements made of galvanized sheet can be painted in any colour from the RAL palette. **Fasteners (screws)** are made of galvanized steel, which are not painted as standard.
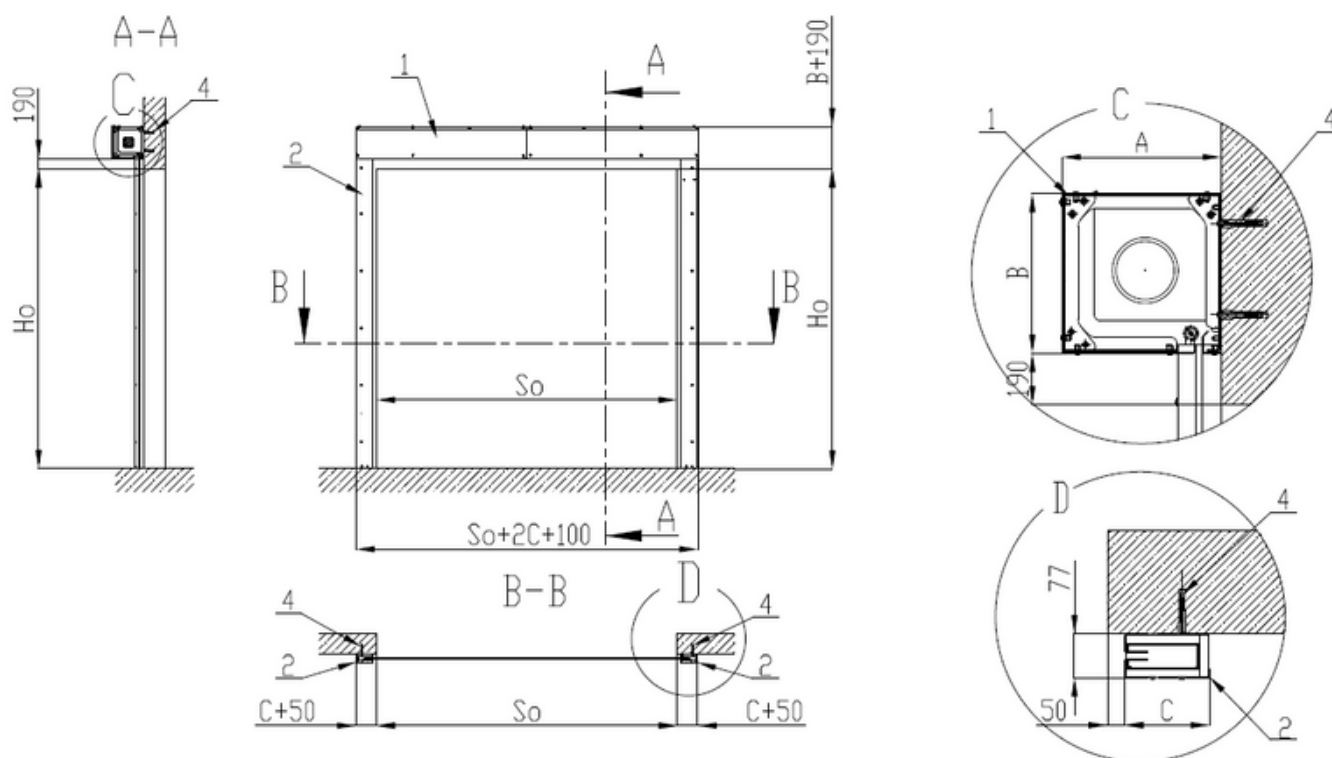
GLOBAL SYSTEM GSF KPR EI Fire Curtains are made in accordance with the harmonized standard: **EN 16034:2014, EN 13241:2003+A2:2016.**

# THE CONTROL SYSTEM

## GSF KPR EI90, EI120 automatic

| Type | Name | Model | Recommended ammount | Comments |
|---|---|---|---|---|
| Fire detector | optical smoke detector | ID100 | 2 | recommended |
| | heat detector class A1R | ID200 | 2 | ID100, max. 6 pcs |
| | heat and smoke detector | ID300 | 2 | |
| Signalic device | acoustic signaling device | SAK-7 | 1 | max. power 200 mA |
| Engine | tubular | 24DC or 230AC | 1 | |
| Control unit | Smart Line | 020 or 036 | 1 | |
| Manual control | key switch | SP 22K1 | 1 | |
| Emergency power supply | batteries | 7-12 or 18-12 | 2 | |

# MAIN DETAILS



So - opening width

Ho - opening height

A - shaft housing depth

B - shaft housing height

C - side guide width

1. Shaft housing
2. Guides
3. Coat
4. Fastening

All additional information to be agreed with the GLOBAL SYSTEM Technical Department