



# JS 48 HA

Retractable security bollard

### TYPE OF OPERATOR

Hydraulic Automatic

### HEIGHT

1,000 mm



- Maintenance can be carried out without removing the bollard. No lifting equipment required.
- Interchangeable protective sleeve so that the bollard is always just like new.
- Performance certified according to PAS 68; IWA 14-1 and ASTM F2656 standards. Able to withstand impact with a truck driven at 50 km/h. P1 penetration rating, still operational after impact.

## CERTIFICATIONS



# BOLLARDS

# JS 48 HA



Retractable security bollard

## TECHNICAL SPECIFICATIONS

| Model                                     | JS 48 HA |  | JS 48 HA INOX                     |          | JS 48 HA EFO | JS 48 HA EFO INOX                 |
|-------------------------------------------|----------|--|-----------------------------------|----------|--------------|-----------------------------------|
| Type of operator                          |          |  |                                   |          |              | Hydraulic                         |
| Cylinder height from ground               |          |  |                                   |          |              | 1,000 mm                          |
| Cylinder diameter                         |          |  |                                   |          |              | 275 mm                            |
| Cylinder treatment                        |          |  |                                   |          |              | Cataphoresis                      |
| Protective sleeve type                    | mDure®   |  | Aisi 316 stainless steel + mDure® |          | mDure®       | Aisi 316 stainless steel + mDure® |
| Reflective strip height                   |          |  |                                   |          |              | 55 mm                             |
| Standard reflecting strip colour          |          |  |                                   |          |              | White                             |
| Head material type                        |          |  |                                   |          |              | Aluminum                          |
| Head treatment type                       |          |  |                                   |          |              | Rilsan® anticorrosive resin       |
| Rising speed                              |          |  |                                   |          |              | 170 mm/s                          |
| Quick rise device                         | No       |  |                                   | Yes      |              |                                   |
| Rising speed with EFO                     | -        |  |                                   | 500 mm/s |              |                                   |
| Release device                            |          |  |                                   |          |              | Yes                               |
| Descent speed                             |          |  |                                   |          |              | 250 mm/s                          |
| Power supply voltage                      |          |  |                                   |          |              | 207-243V ~ 50/60 Hz               |
| Max. power                                |          |  |                                   |          |              | 3.500 W                           |
| Type of use                               |          |  |                                   |          |              | Perimeter Security                |
| Break in resistance                       |          |  |                                   |          |              | 673.000 J                         |
| Operating ambient temperature             |          |  |                                   |          |              | -15°C ÷ +80°C                     |
| Operating ambient temperature with heater |          |  |                                   |          |              | -40°C ÷ +80°C                     |
| Hydraulic pump unit protection class      |          |  |                                   |          |              | IP67                              |
| Load class (EN 124)                       |          |  |                                   |          |              | C250                              |
| Traffic bollard weight                    | 530 kg   |  |                                   | 560 kg   |              |                                   |
| Pit weight                                |          |  |                                   |          |              | 200 kg                            |



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