**Automatic hydraulic rising bollard integrated pump in the controller**

**PILOMAT 275/PL 600A**



PILOMAT 275/PL 600A rising bollard is one of the best value for money products in the PILOMAT range. The current design is the result of more than 15 years of continuous development.

**Recommended applications**

Pedestrian street – Private parking – Parking companies

– Private roads – Industrial roads

**General features**

* **Hydraulic movement:** in case of intensive using is the most reliable technologie in all temperature range, in all wheather conditions.
* **The integrated hydraulic pump into the bollard:** This solution has many advantage, in the most cases the controller have to put away from the bollard but this solution reach the distance even the 80 meter.
* **Certificated parts for reliable operation**
* **Optional Variability :** unique color – integreated flashlight – buzzer – heating – UPS – control equipment

**Technical specification**

|  |  |  |
| --- | --- | --- |
| Bollard material |  | FE 370 steel (iron) – AISI 304 stainless steel |
| Nominal Diameter of Bollard |  | 275 mm |
| Nominal High of Bollard |  | 600 mm |
| Cylinder thickness (FE370) – stainless steel |  | 5 mm / AISI 304: 4mm |
| Surface treatment (FE 370 steel) |  | polyester powder painting – factory base: antrahcite grey |
| Surface (stainless steel) |  | - |
| Reflective athesive strip |  | 55 cm high |
| Rising speed |  | 12 cm/mp |
| Lowering speed |  | 25 cm/mp |
| Emergency manual lowering |  | To have options: automatic lowering |
| Control cabel lenght |  | Included cabel 10 meter (max. 20 meter) |
| Hydraulic pump |  | Built-in the bollard |
| Security classification |  | IP67 |
| Type of usage |  | Intensive usage – average lifetime: 2.000.000 operation – 2.000 operation/day |
| Impact resistance (without deformation) |  | 40.000 J (1.200 kg @ 29 km/h – 2.000 kg @ 23 km/h) |
| Breakout resistance |  | 200.000 J (1.200 kg @ 66 km/h – 2.000 kg @ 51 km/h) |
| Operating temperature |  | -40°C - + 70°C (with heating) |
| Nominal weight (with mechanics, without pit) |  | 80 kg |
| Nominal weight (pit and fixing equipment) |  | 40 kg |