

RISE®

Smart
Moving



SPARTACUS

AUTOMATIC HYDRAULIC BOLLARD 230 VAC



Made in Italy



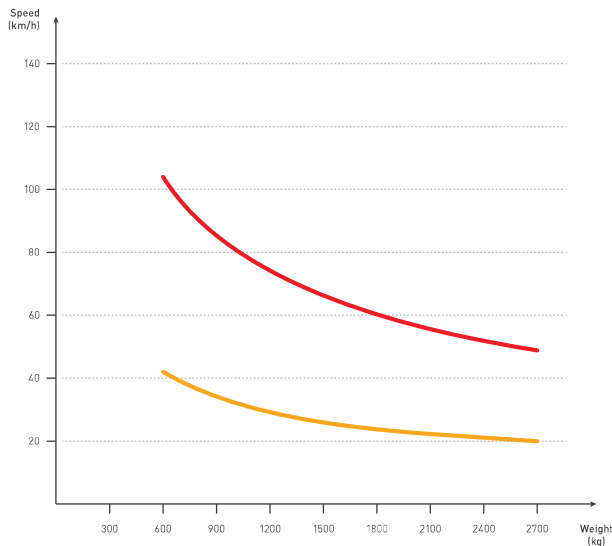
SPARTACUS 275

Ø 275 mm | H 600-800 mm | Thickness 6-10 mm



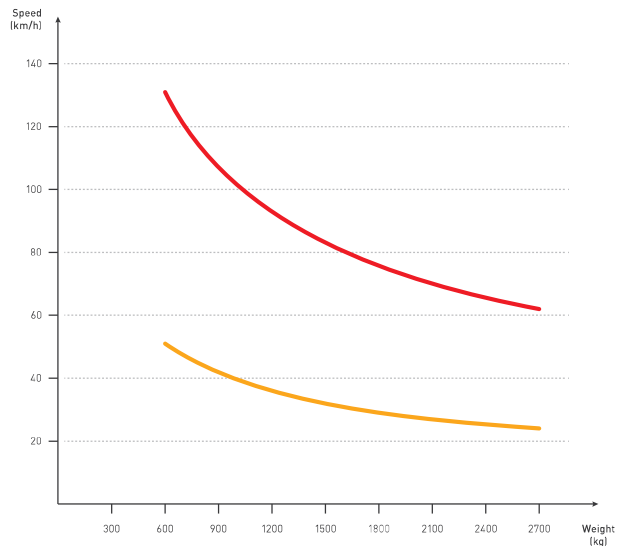
- Automatic hydraulic bollard 230 vac, 600 or 800 mm height, with cylinder thickness 6 or 10 mm
- Cataphoresis treatment and “Graphite Black” painting or cover in brushed AISI316 stainless steel
- Cylinder with built-in LED lights, the control unit can manage 2 bollards at the same time
- Foundation box complying with the EN124 (40T) regulation and independent hydraulic pump for each bollard, laterally positioned in order to avoid any damage in the event of an impact and facilitate the maintenance
- In the event of a power failure, the bollard will remain in the raised position (manual release)
- Heating for the foundation box, buzzer and pressure switch for obstacle detection available as accessories

SPARTACUS 275



- Impact resistance: 40,000 J
- Breakout resistance: 250,000 J

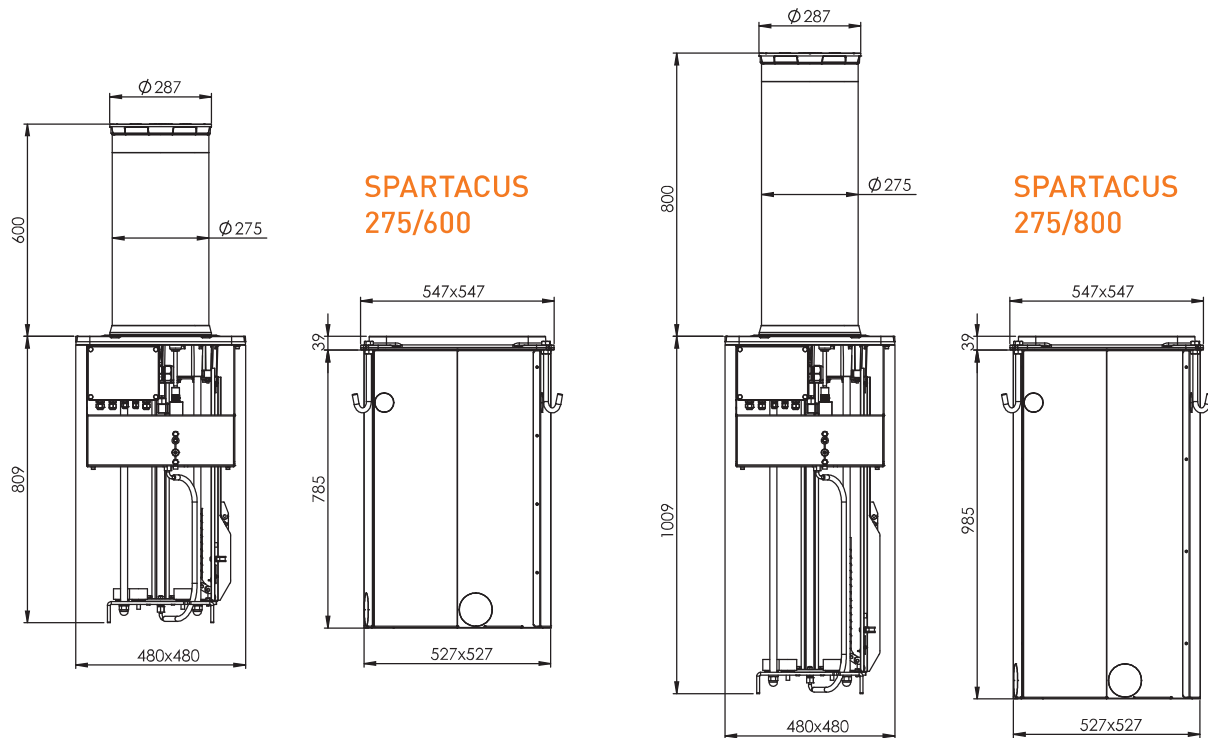
SPARTACUS 275 R



- Impact resistance: 60,000 J
- Breakout resistance: 400,000 J

SPARTACUS 275

Ø 275 mm | H 600-800 mm | Thickness 6-10 mm

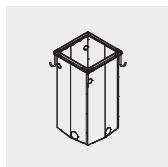


ACCESSORIES:



CA275/600

Foundation box for SPARTACUS 275 h 600 mm.



CA275/800

Foundation box for SPARTACUS 275 h 800 mm.



CP.BL

Board for buzzer and LED management.



GL.BUZZ

Buzzer.



GL.CABLE

Cable F616 16x1.5 for hydraulic bollard.



GL.HEAT

Heater for hydraulic bollard, active below 10°C.



GL.PRES

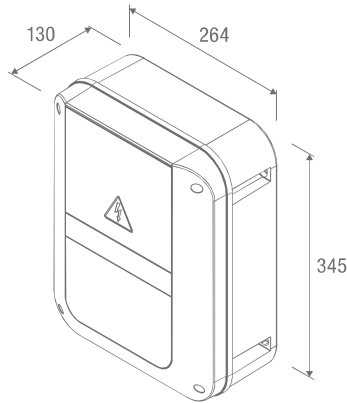
Pressure switch for obstacle detection.

| TECHNICAL DATA | 275/600 | 275/800 | 275/600 - I | 275/800 - I | 275/600 - R | 275/800 - R | 275/600 - RI | 275/800 - RI |
|---|---|---------|-------------------------|-------------|--------------|-------------|-------------------------|--------------|
| Cylinder height | 600 mm | 800 mm | 600 mm | 800 mm | 600 mm | 800 mm | 600 mm | 800 mm |
| Cylinder diameter | 275 mm | | | | | | | |
| Cylinder thickness | 6 mm | | | | 10 mm | | | |
| Cylinder material | Steel S355JR | | AISI316 stainless steel | | Steel S355JR | | AISI316 stainless steel | |
| Raising time | 3 s | 4 s | 3 s | 4 s | 3 s | 4 s | 3 s | 4 s |
| Lowering time | 3 s | 4 s | 3 s | 4 s | 3 s | 4 s | 3 s | 4 s |
| Power supply | 230 Vac - 50/60 Hz (control panel with different voltages available on request) | | | | | | | |
| Power consumption | 550W | | | | | | | |
| Hydraulic pump | Built-in | | | | | | | |
| Load index [EN124] | D400 (40 tonnes) | | | | | | | |
| Manual lowering cycle in case of power failure | Manual release | | | | | | | |
| Automatic lowering cycle in case of power failure | Optional | | | | | | | |
| Obstacle detection during the rising cycle | Optional (GL.PRES) | | | | | | | |
| Capacitor | 25 µF | | | | | | | |
| Daily cycles | 3.500 | | | | | | | |
| MCBF | 3.000.000 | | | | | | | |
| Impact resistance | 40.000 J | | | | 60.000 J | | | |
| Breakout resistance | 250.000 J | | | | 400.000 J | | | |
| Operating temperature | -40°C ÷ +60°C [GL.HEAT available as option for temperatures lower than -10°] | | | | | | | |
| Protection level | IP67 | | | | | | | |
| Weight (without foundation box) | 94 kg | 105 kg | 99 kg | 112 kg | 109 kg | 124 kg | 114 kg | 131 kg |

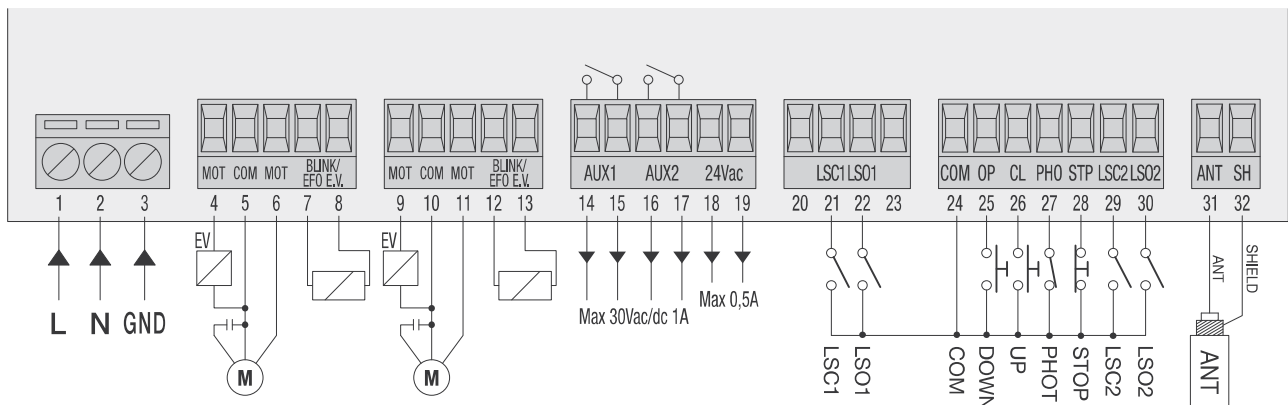


MAX.CP

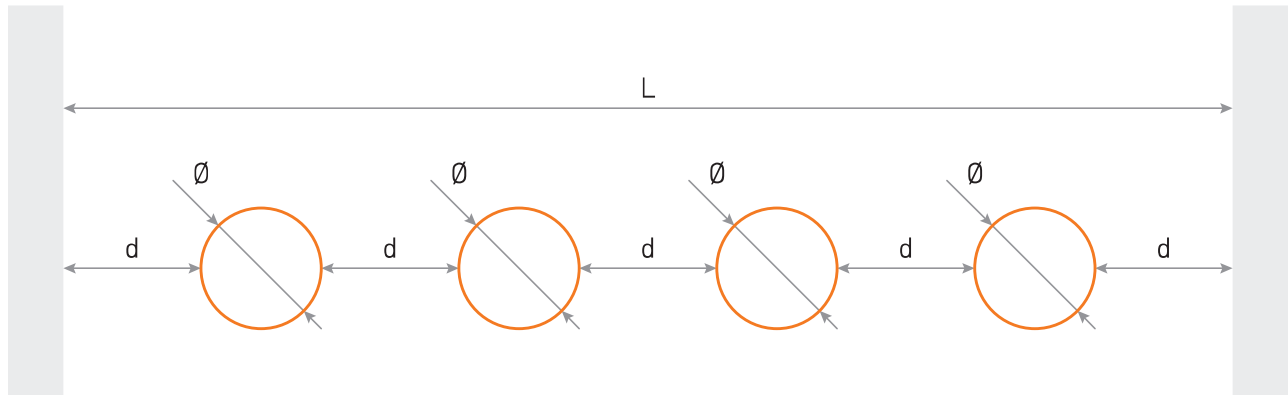
Control panel for 2 hydraulic bollards



- 230 Vac 50/60 Hz power supply
- Control panel for 1 or 2 hydraulic bollards SPARTACUS
- Integrated 433.92 MHz 64-code receiver with 3 encoding systems (Advanced Rolling Code, Rolling Code, Fixed Code)
- Removable terminal boards
- Parameter and operation logic regulations through integrated LCD display
- Automatic, semi-automatic and deadman's logic
- Programming access password
- Equipped with step-by-step command inputs separate for each bollard and centralised command inputs ALL UP and ALL DOWN for the raising and the lowering of both bollards
- **Version with built-in board to manage buzzer/LED lights available (MAX.CP BL)**
- Separate limit switch inputs for each motor
- Control inputs for loop detectors and protection devices (GL.PRES)
- 2 outputs configurable as bollard status indicator or command of the optional board CP.BL
- Designed for the connection of the optional board CP.BL to manage signal lights and the warning buzzer GL.BUZZ
- Protection level IP54



CALCULATION OF THE BOLLARD NUMBER PER PASSAGE:



$$N = \frac{L - d_{\text{recommended}}}{\text{Ø} + d_{\text{recommended}}}$$

L (mm) = width of the passage for the vehicles access

N = number of necessary bollards

Ø (mm) = bollards diameter

$$d = \frac{L - (\text{Ø} \cdot N)}{N + 1}$$

d (mm) = distance between bollards

$d_{\text{recommended}}$ (mm) = recommended distance between bollards (1.200 mm)





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