



Motherboard
Controller
(Max 8 bollards
controlled)

IP68

SUS304

Outdoor control box

DSSP1007 Hydraulic Security Bollards

DSSP1007 hydraulic bollard is the most cost-efficient in all types of full-automatic bollards, which is a popular anti-crash model and which is used widely to protect security areas from vehicle intrusion. It is an ideal solution for entrance with high security requirements. The solid body can stop the vehicle with high tonnage and high speed easily. Meanwhile, it has the advantage of invisibility and aesthetics.

- ◆ Electric-hydraulic integrated actuator, low/high temperature resistant, stable performance.
- ◆ Passed the international IP68 protection grade certification can be immersed in water to work.
- ◆ Fast lifting speed, $\leq 4s$ for up, $2.5s$ for down.
- ◆ 304 stainless steel for cylinder & inside parts.
- ◆ Piston rod is treated with chrome-plated steel 45, more hardness and wear-resisting.
- ◆ Motor idling protection function.
- ◆ Emergency drop while the power outage.
- ◆ $<0.2mm$ tolerances come from high power laser cut
- ◆ Anti-skid design on base-plate

Specifications

Model No.	DSSP1007
Brand	Daosafe
Rising Time	≤4
Dropping Time	2.5s
Dimension	Φ350 * 1115mm
Height Aboveground	600mm (800mm Optional)
Height Underground	1115mm
Cylinder Diameter	219mm (273/324mm Optional)
Cylinder Thickness	6mm (8/10/12mm Optional)
Material of Cylinder & Flange (Base Plate)	304 Brushed Stainless steel
Flange Thickness	10mm
Pre-embedded Section	Q235 Steel (A3)
Material of Actuator	304 Stainless steel with spraying plastics
Diameter of Piston Rod	16mm
Reflective Tape	Highlight reflective tape, 50mm wide
LED Warning Light	Standard

Actuator Type	Electro-hydraulic
Lifting Force	200kg
Rail Diameter	16mm
Protection Rate	IP68
Power Supply	220V AC
Power Consumption	350W
Working Life	100,000 times of trouble-free
Overheating Protection	100°C
Ambient Temperature	-20°C ~ 55°C
Oil Tank Capacity	4L

Control System	Motherboard controller
Control Method	Max 8 bollards controlled, single control
Controller Box	Cold-rolled steel (Rain-proof design)
LED Light Auto On/Off	Yes
Air Leakage Switch	Yes
Power Supply	220V AC
Remote Control Distance	50m (Bollard)
Emergency Lower	Support, while unexpected power off

Dimensions



Hydraulic Actuator

Electric-hydraulic actuator

Low temperature sensitivity

No fear of any harsh environment



Control Box

Waterproof design

Widely integration usage

Motherboard controller



Related Components



Bollards



Control Box



Remote Control



Manual Button