



Bollard – A safety post

SB1005

AUTOMATIC SAFETY BOLLARD

The SB1005 automatic bollard (304 steel) features a fast hydraulic drive (2.5s up / 2s down) and IP68 rating. It includes a PLC for easy access control integration, RGB LED lighting, and 3M tape (600m visibility). The unit is resistant to extreme temperatures and corrosion thanks to QPQ nitriding technology

MAIN FEATURES

- ⊗ Oil-immersed hydraulic integrated actuator, low/high temperature resistant, stable performance
- ⊗ Passed the international SGS IP68 protection grade certification, can be immersed in water to work
- ⊗ PLC intelligent controller can easily integrate with IR, loop detector, or other access control system
- ⊗ Fast lifting speed, 2.5s for up, 2s for down
- ⊗ Optional heating function for extremely cold area
- ⊗ 304 stainless steel for cylinder & inside parts
- ⊗ Flange groove design for aesthetics and skid proof
- ⊗ Piston rod is treated with QPQ salt bath nitriding, more hardness and anti-rust capability
- ⊗ Multiple color LED with various dynamic mode
- ⊗ LED timing auto On/Off function
- ⊗ 3M-DG3 reflective tape, visual range 600m
- ⊗ Motor idling protection function



TECHNICAL DATA

Model	SB1005
Rising Time	2.5s
Dropping Time	2s
Dimension	φ400 * 1105mm
Height Aboveground	600mm (800mm Optional)
Height Underground	1105mm
Cylinder Diameter	219mm (273/324mm Optional)
Cylinder Thickness	6mm (8/10/12mm Optional)
Weight	130kg
Material of Cylinder	304 Stainless steel
Flange Thickness	10mm
Pre-embedded Section	Q235 Steel (A3)
Material of Actuator	304 Stainless steel with spraying plastics
Diameter of Piston Rod	18mm
Reflective Tape	3M-DG3, 50mm
LED Warning Light	RGB, various dynamic mode

