



MILITARY &  
SECURITY  
EXPERTS

*Drop beam barrier with a  
low-maintenance actuator!*

# RSS-3000 Drop Beam Barrier *with Electric Actuator*

## Specification

The RSS-3000 is an all-electric drop beam vehicle barrier that is designed to stop or disable vehicles and provide significant protection for entry points. The DB33 provides lane coverage up to 15 feet. All Drop Beam Vehicle Barriers are fully operational and self-contained when shipped from the factory ready to install. The simple design requires almost no maintenance even when there are high traffic volumes.

### BARRIER SPECIFICATION DETAILS

- All steel construction, hot dipped galvanized frame with painted post and beams.
- Drop Beam Buttresses: The main buttress is 3' wide, 6.5' long, and 33" tall, and the support buttress is 3' wide, 3' long and 33" tall.
- Beam Dimensions: 3/8" steel tubing, 3" wide by 6" tall.
- Beam Height: 33" to the top of beam from roadway.
- Shipping Weight: 3,000 lbs. at 15' lane coverage (Equipment only, doesn't include concrete foundation).

### PERFORMANCE INFORMATION

- Operating System: Electro-mechanical self lubricating actuator, with a Spring Assist Assembly.
- Power Requirements: Motors are available to operate on 120v single phase, 120v/240v single phase or 120v/208v three phase voltage; based on site requirements.
- Electromechanical Cycle Time: Standard deployment is less than 8 seconds.
- Operating Temperatures: Operational speeds are constant in temperatures ranging from -20 degrees to 200 degrees Fahrenheit without the use of heat on the operating systems.

The latest news in security products is that there are new K12 barrier options. You are no longer stuck with hydraulics when you want moveable barriers.

Since the critical component in our barrier, is an electric actuator, it eliminates the problem of the "weakest link" that plagues hydraulic barriers with their multi-component system of hoses and pumps. Our alternative is a breakthrough for facilities that rely on vehicle barriers as their first line of protection.

Another reason our barrier is desirable over the competition is that it does not produce the environmental contaminants that hydraulics are notorious for. Hydraulic fluid is a hazardous waste material and a ground water contaminate. Our systems are safe to install near dams or other water sources.



#### MAINTENANCE & WARRANTY

- Quarterly Preventive Maintenance: Grease pivot bearings and actuator as well as inspect and tighten loose bolts.
- Warranty: 1 year Electrical and 5 years Mechanical, parts only.

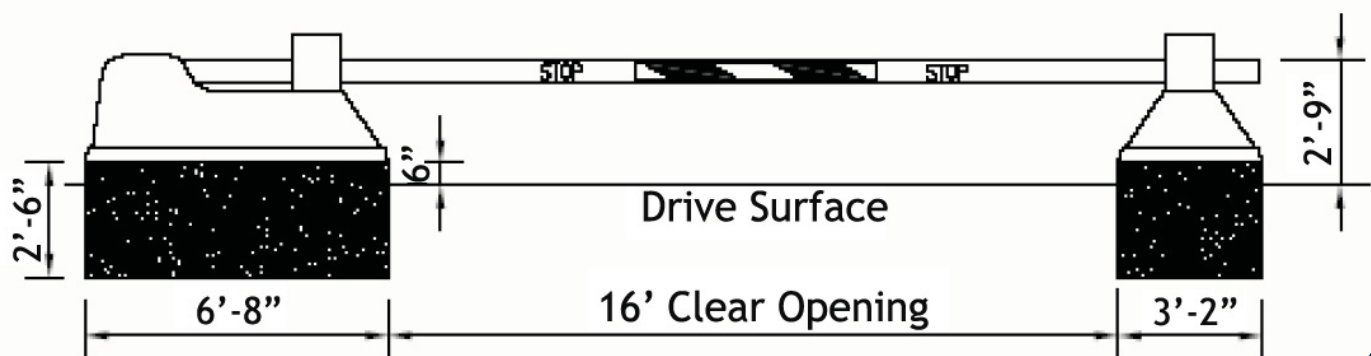
#### SAFETY OPTIONS

- Each unit equipped with flashing safety lights visible when deployed.
- Safety pin system for locking beam in open position.
- Drop Beam can be painted to any desired color.

#### BARRIER OPTIONS

- Drop Beam Controls: Multiple control points, key pad, proximity reader, remote control, radar, etc.; Controls are adaptable to any existing control systems that communicate through a standard dry contact output.
- Panic buttons with lock down; when pressed all linked barriers can be lowered, by-passing any safety systems and must be reset to resume normal operation.
- Stop/Go LED Traffic Light
- Battery Back Up System: Allows units to operate over 60 cycles in the event of commercial or emergency generator power failure.

## Drop Beam Vehicle Barrier



For More Information, visit  
[www.otwsafety.com](http://www.otwsafety.com)

Off the Wall Products LLC  
423 South 600 West  
Salt Lake City, UT 84101  
ph: 801.363.7740 fax: 801.363.6372



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