



6" IronFlex Horseshoe Bollard

PROTECTIVE GUARDING - SLOWSTOP®

SPEC SHEET | P/N **SS6Y-36-HS-36**



Product Specifications

| | |
|--------------------|--|
| Color | RAL 1023 Traffic Yellow with RAL 9005 Black Connectors |
| Diameter | 6.63" (6" schedule 40 pipe) |
| Dimensions | 36" |
| Product Weight | 450 lb. |
| Impact Rating | I20-7 Rail (44,400 joules) / I15-7 Post (33,300 joules) |
| Temperature Rating | -40°F - 150°F |
| Pipe Coating | 60 µm Galvanized + 150 µm Polyester Outdoor Powder Coating |
| Cast-Iron Coating | Environmentally Friendly Water-based E-Coat + Polyester Outdoor Powder Coating |
| Set Screws | M16 |
| Anchor Screws | Sixteen (16) 5/8" x 5-1/2" Concrete |

Recommended Uses

- Protection from heavy equipment (airline tugs, large forklifts, semi-trucks)
- Construction equipment
- Mission critical equipment guarding
- Not for K-Rated security use

Rail Impact Chart

| Impact Angle | 90° | 45° | 30° |
|-----------------|-------------|-------------|-------------|
| Rating (joules) | 44,400 | 88,827 | 177,600 |
| ANSI MH 31.2 | I20-7 | calculated | calculated |
| Mass (lbs) | Speed (mph) | Speed (mph) | Speed (mph) |
| 5,000 | 14.0 | 19.8 | 28.0 |
| 10,000 | 9.9 | 14.0 | 19.8 |
| 15,000 | 8.1 | 11.4 | 16.1 |
| 20,000 | 7.0 | 9.9 | 14.0 |
| 25,000 | 6.3 | 8.8 | 12.5 |
| 30,000 | 5.7 | 8.1 | 11.4 |
| 40,000 | 4.9 | 7.0 | 9.9 |
| 60,000 | 4.0 | 5.7 | 8.1 |
| 80,000 | 3.5 | 4.9 | 7.0 |

Post Impact Chart

| Impact Angle | 90° | 45° | 30° |
|-----------------|-------------|-------------|-------------|
| Rating (joules) | 33,300 | 66,620 | 133,200 |
| ANSI MH 31.2 | I15-7 | calculated | calculated |
| Mass (lbs) | Speed (mph) | Speed (mph) | Speed (mph) |
| 5,000 | 12.1 | 17.1 | 24.2 |
| 10,000 | 8.6 | 12.1 | 17.1 |
| 15,000 | 7.0 | 9.9 | 14.0 |
| 20,000 | 6.1 | 8.6 | 12.1 |
| 25,000 | 5.4 | 7.7 | 10.8 |
| 30,000 | 4.9 | 7.0 | 9.9 |
| 40,000 | 4.3 | 6.1 | 8.6 |
| 60,000 | 3.5 | 4.9 | 7.0 |
| 80,000 | 3.0 | 4.3 | 6.1 |

4955 Stout Drive, San Antonio, TX 78219
 (210) 736-4477 | 1-800-736-5256 | info@impactrecovery.com
impactrecovery.com

January 2024

