

IronFlex Horseshoe Bollard Type 3

PROTECTIVE GUARDING - SLOWSTOP®

SPEC SHEET | P/N SS-T3Y-68-HS-112



Product Specifications

| Color | RAL 1023 Yellow Pipe on RAL 9005 Black Pedestal |
|--------------------|---|
| Diameter | 177,8mm (6,3mm wall) |
| Height | 112cm to centerline |
| Width | 112cm centers 130cm outside uprights 153cm overall footprints |
| Impact Rating | Rail 65.000 joules Post 26.700 joules |
| Temperature Rating | -40°C - 70°C |
| Pipe Coating | EN-ISO 1461 Galvanized + Polyester Powder Coating |
| Cast-Iron Coating | Environmentally Friendly Water-based KTL Coating + Polyester Powder Coating. C5I corrosion resistance. |
| Set Screws | M16 x 2,00 – 8mm Hex |
| Anchor Screws | Sixteen (16) M16x140 Concrete |

Recommended Uses

Heavy duty Rack and equipment guarding

Access denial

Utility and fuel protection

Conveyer loading

Rail Impact Chart

Post Impact Chart

| ••••• | | | | | | | | |
|-----------------|-------------|-----------------------|-----------------------|-----------------|-------------|----------------------|-----------------------|--|
| Impact Angle | 90° | 45° | 30° | Impact Angle | 90° | 45° | 30° | |
| Rating (joules) | 65.000 | 130.039 calculated | 260.000 calculated | Rating (joules) | 26.700 | 53.416 calculated | 106.800 calculated | |
| Mass (kg) | Speed (kph) | Speed (kph) | Speed (kph) | Mass (kg) | Speed (kph) | Speed (kph) | Speed (kph) | |
| 5,000 | 18.4 | 26.0 | 36.7 | 5,000 | 11.8 | 16.6 | 23.5 | |
| 7,500 | 15.0 | 21.2 | 30.0 | 7,500 | 9.6 | 13.6 | 19.2 | |
| 10,000 | 13.0 | 18.4 | 26.0 | 10,000 | 8.3 | 11.8 | 16.6 | |
| 15,000 | 10.6 | 15.0 | 21.2 | 15,000 | 6.8 | 9.6 | 13.6 | |
| 20,000 | 9.2 | 13.0 | 18.4 | 20,000 | 5.9 | 8.3 | 11.8 | |
| 25,000 | 8.2 | 11.6 | 16.4 | 25,000 | 5.3 | 7.4 | 10.5 | |
| 30,000 | 7.5 | 10.6 | 15.0 | 30,000 | 4.8 | 6.8 | 9.6 | |
| 35,000 | 6.9 | 9.8 | 13.9 | 35,000 | 4.4 | 6.3 | 8.9 | |
| 40,000 | 6.5 | 9.2 | 13.0 | 40,000 | 4.2 | 5.9 | 8.3 | |

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The products mentioned in this document are covered by the following U.S. and international patent numbers: 7,195,422 | 7,621,691 | D937,700 | D620,823 | D620,824 | D620,825 | EP 2 267 225 | EP 2 888 412 | 9,938,677 | 11,136,735 | D932,875. Other U.S. and International patents pending.

