



3" IronFlex Horseshoe Bollard Kit

PROTECTIVE GUARDING - SLOWSTOP®

SPEC SHEET | P/N **SS3Y-36-HS-36**



Product Specifications

Color	RAL 1023 Yellow Pipe on RAL 9005 Black Pedestal
Diameter	3" (2.5" ANSI Schedule 40)
Dimensions	36" H x 36" W
Product Weight	97 lb.
Impact Rating	I9-5 Rail (10,200 joules), I15-3 Post (6,100 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	M12
Anchor Screws	Eight (8) 5/8" x 4" Concrete

Recommended Uses

- Pedestrian protection
- Rack and equipment guarding
- Access denial
- Pre- and post-tensioned concrete

Rail Impact Chart

Impact Angle	90°	45°	30°
Rating (joules)	10,200	20,406	40,800
ANSI MH 31.2	I9-5	calculated	calculated

Mass (lbs)	Speed (mph)	Speed (mph)	Speed (mph)
1,000	15.0	21.2	30.0
2,000	10.6	15.0	21.2
4,000	7.5	10.6	15.0
5,000	6.7	9.5	13.4
6,000	6.1	8.7	12.2
8,000	5.3	7.5	10.6
10,000	4.7	6.7	9.5
12,500	4.2	6.0	8.5
15,000	3.9	5.5	7.7

Post Impact Chart

Impact Angle	90°	45°	30°
Rating (joules)	6,100	12,204	24,400
ANSI MH 31.2	I15-3	calculated	calculated

Mass (lbs)	Speed (mph)	Speed (mph)	Speed (mph)
1,000	11.6	16.4	23.2
2,000	8.2	11.6	16.4
4,000	5.8	8.2	11.6
5,000	5.2	7.3	10.4
6,000	4.7	6.7	9.5
8,000	4.1	5.8	8.2
10,000	3.7	5.2	7.3
12,500	3.3	4.6	6.6
15,000	3.0	4.2	6.0

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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.