



IronFlex Horseshoe Bollard Type 1

PROTECTIVE GUARDING - SLOWSTOP®

SPEC SHEET | P/N **SS-T1Y-59-HS-106**



Product Specifications

Color	RAL 1023 Yellow Pipe on RAL 9005 Black Pedestal
Diameter	76,1mm (5mm wall)
Height	59cm to centerline
Width	106cm centers 114cm outside uprights 126cm overall footprints
Impact Rating	Rail 10.900 joules Post 7.400 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	M12 x 1,75 - 6mm Hex
Anchor Screws	Eight (8) M16x140 Concrete

Recommended Uses

- Pedestrian protection
- Rack and equipment guarding
- Access denial
- Operator protection

Rail Impact Chart

Impact Angle	90°	45°	30°
Rating (joules)	10.900	21.807 calculated	43.600 calculated
Mass (kg)	Speed (kph)	Speed (kph)	Speed (kph)
500	23.8	33.6	47.5
1,000	16.8	23.8	33.6
1,500	13.7	19.4	27.4
2,000	11.9	16.8	23.8
3,000	9.7	13.7	19.4
4,000	8.4	11.9	16.8
5,000	7.5	10.6	15.0
6,000	6.9	9.7	13.7
7,500	6.1	8.7	12.3

Post Impact Chart

Impact Angle	90°	45°	30°
Rating (joules)	7.400	14.804 calculated	29.600 calculated
Mass (kg)	Speed (kph)	Speed (kph)	Speed (kph)
500	11.6	16.4	23.2
1,000	13.8	19.6	27.7
1,500	11.3	16.0	22.6
2,000	9.8	13.9	19.6
3,000	8.0	11.3	16.0
4,000	6.9	9.8	13.8
5,000	6.2	8.8	12.4
6,000	5.7	8.0	11.3
7,500	5.1	7.2	10.1

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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.