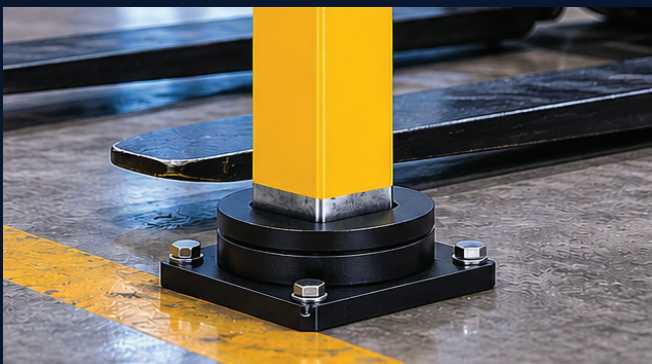


IC-500214 Dynamic Bollard

H:600 mm



Impact Control

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IC-500214 Dynamic Bollard

H:600 mm

ENGINEERED FOR IMPACT CONTROL

The Dynamic Impact Bollard is developed to manage impact forces intelligently - protecting people, equipment, and infrastructure in demanding industrial environments.

FORCE MANAGEMENT, NOT JUST RESISTANCE

Rather than stopping impact abruptly, the system controls and redirects forces - reducing stress on anchors, floor slabs, and surrounding structures.

STRUCTURAL INTEGRITY FROM THE BASE UP

Engineered to work as a complete system - from foundation interface to upper structure - ensuring consistent performance under repeated impacts.

CONFIGURED FOR REAL OPERATIONS

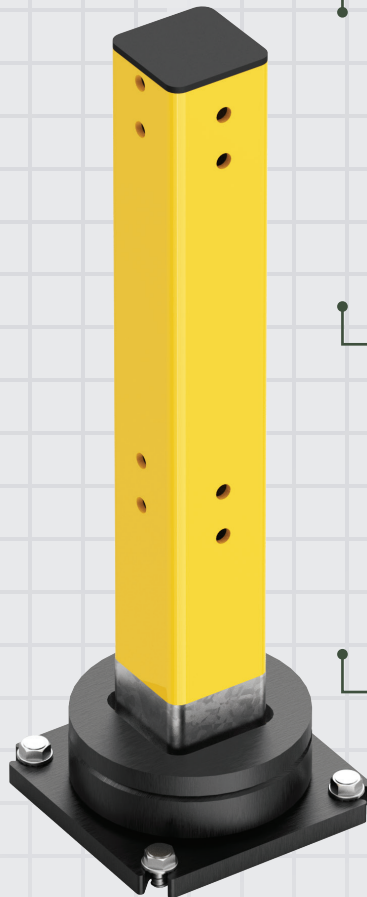
Available in multiple height configurations to match varying traffic conditions, risk levels, and operational requirements.

CONTROLLED ANGULAR DEFLECTION

At impact, the base enables a controlled tilt of up to 10°, dissipating kinetic energy and limiting peak force on anchors and infrastructure.

ALL-ENVIRONMENT DURABILITY

Electro-galvanized steel with high-performance powder coating (RAL 1018), providing long-term resistance to corrosion, UV exposure, chemicals, and demanding industrial conditions - with minimal maintenance.



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IC-500214 Product Specification and Use – H:600 mm

MATERIAL PROPERTIES

MATERIAL:	AISI 1020
YIELD STRENGTH:	3.51571e+08 N/m^2
TENSILE STRENGTH:	4.20507e+08 N/m^2

VOLUMETRIC PROPERTIES referring to Bollards only

MASS:	12.9 kg
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COLOR & COATING



BOLLARD

RAL1018. Electro-Galvanized + powder coating. According to ISO9001:2015, certified by SGS.



BASE

RAL9005. Electro-Galvanized + powder coating. According to ISO9001:2015, certified by SGS.

DIMENSIONS

Height (H):	600 mm
Bollard Profile:	80×80×5 mm
Base:	195×195×72 mm

IMPACT RATING referring to Bollards only

2,500J

TEMPERATURE RATING & INSTALLATION

TEMPERATURE RATING
-40 to +65° C

INSTALLATIONS
On top of solid concrete surfaces only

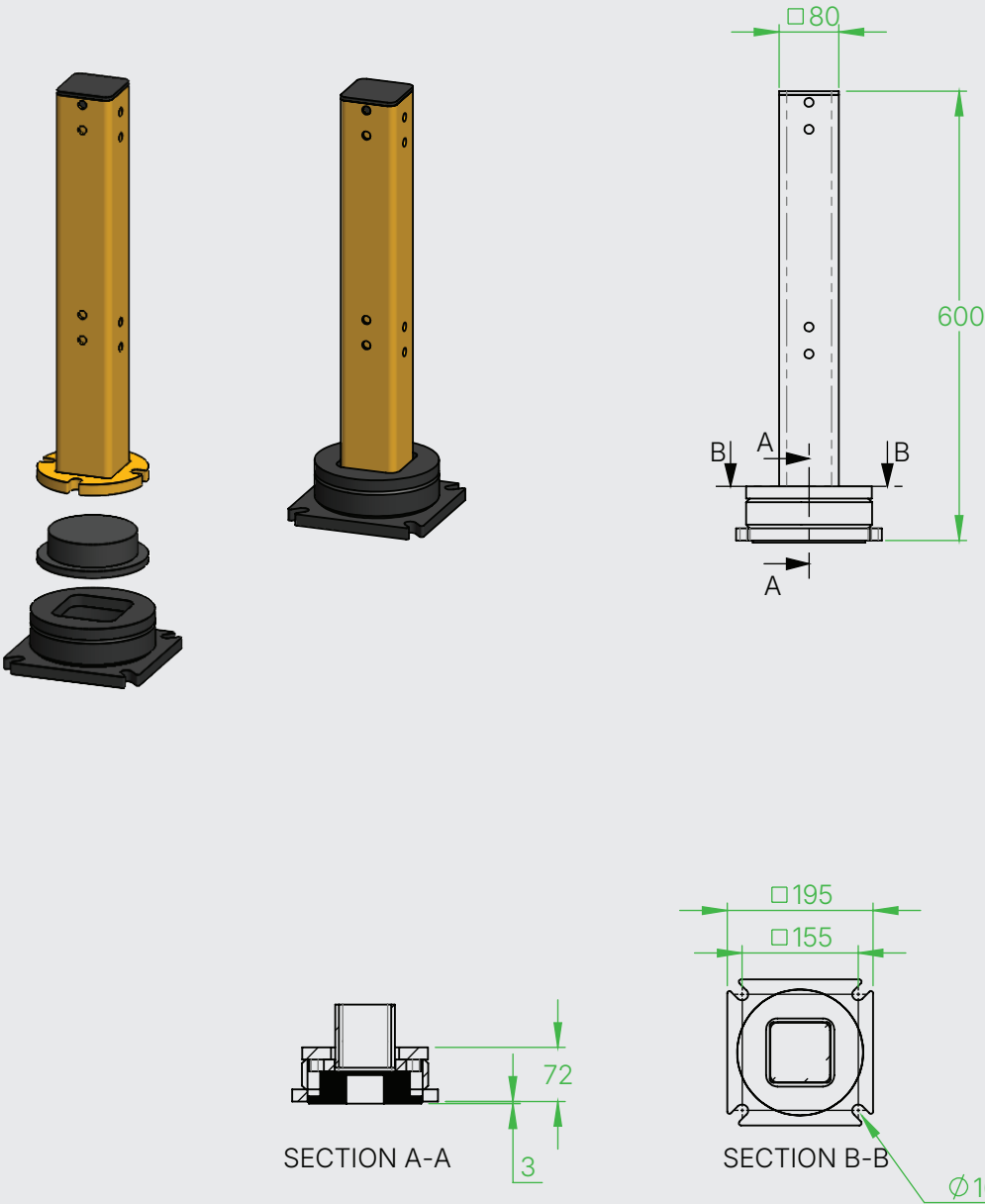
ELASTOMER MATERIAL
NR (Natural Rubber)
SVR 3L

 **Anchor screws:** 14×135 mm concrete screws

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IC-500214 Product Specification and Use – H:600 mm

 PRODUCT SPECIFICATIONS



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IMPACT TEST RESULTS

