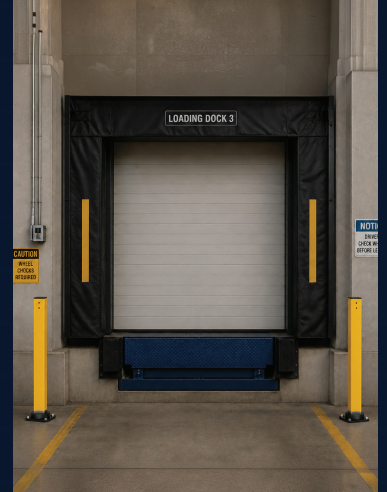


IC-500212 Dynamic Bollard

H:1000 mm



Impact Control

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IC-500212 Dynamic Bollard

H:1000 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.

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.

STRUCTURAL INTEGRITY FROM THE BASE UP

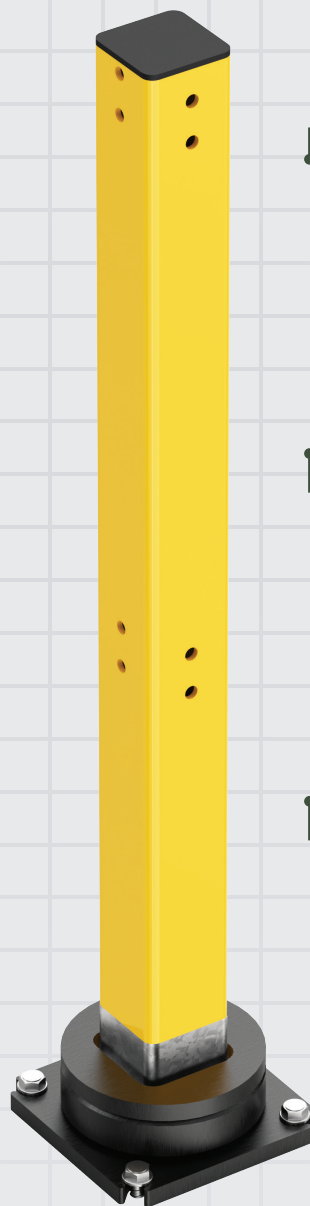
Engineered to work as a complete system - from foundation interface to upper structure - ensuring consistent performance under repeated impacts.

CONFIGURED FOR REAL OPERATIONS

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

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-500212 Product Specification and Use – H: 1000 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:	17.5 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):	1000 mm
Bollard Profile:	80×80×5 mm
Base:	195×195×72 mm

IMPACT RATING referring to Bollards only

1,850J

TEMPERATURE RATING & INSTALLATION

TEMPERATURE RATING
-40 to +65° C

INSTALLATIONS
On top of solid concrete surfaces only

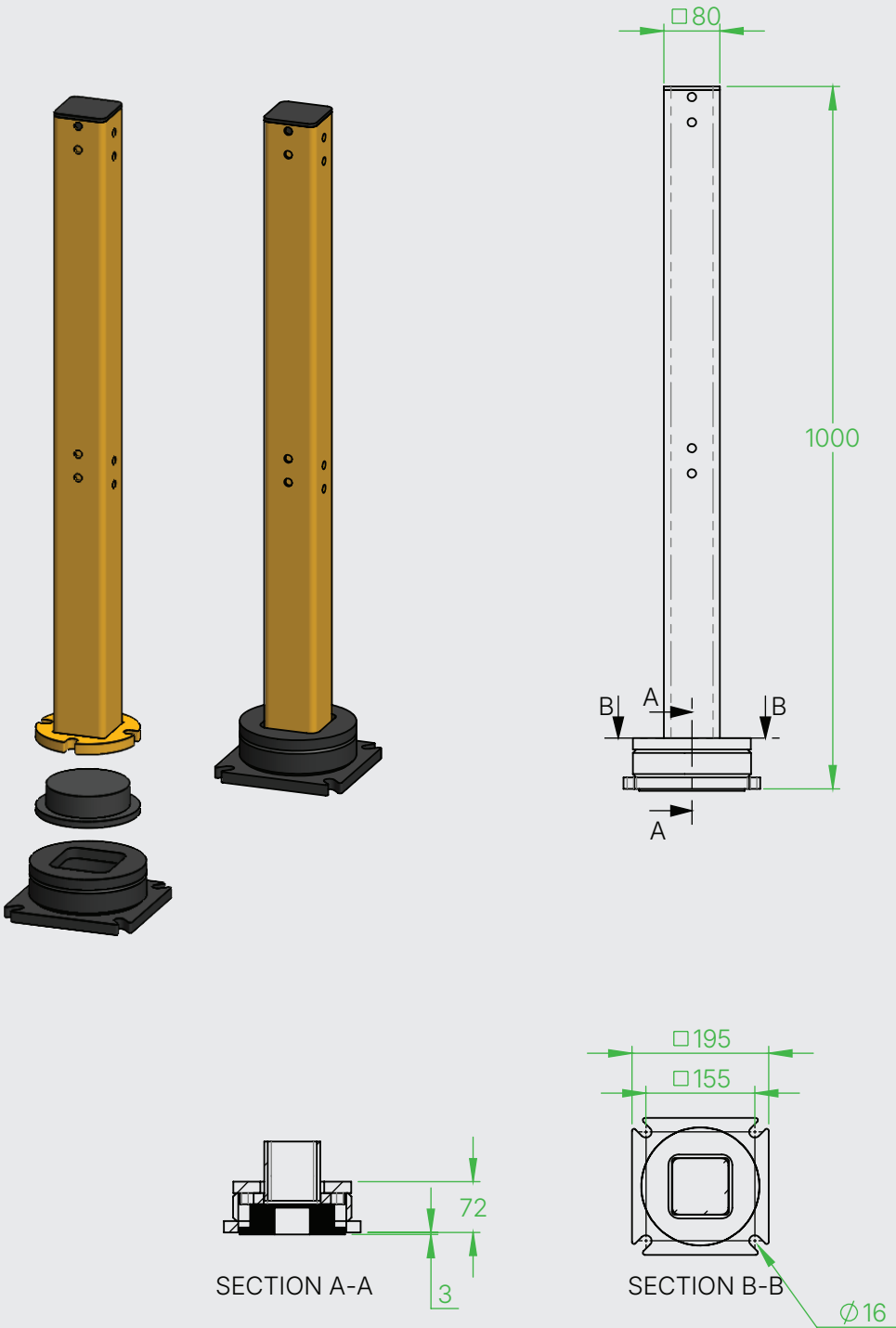
ELASTOMER MATERIAL
NR (Natural Rubber)
SVR 3L

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

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IC-500212 Product Specification and Use – H: 1000 mm

PRODUCT SPECIFICATIONS



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IMPACT TEST RESULTS

