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MANUFACTURERS OF THE WORLDS LARGEST RANGE OF DISC BRAKES FOR ANY VEHICLE

Reference: General Product Safety Regulation (GPSR) EU 2023/988

## **Introduction**

The General Product Safety Regulation (GPSR - EU Regulation 2023/988) for products sold in the European Union (EU) market (including products subject to harmonised legislation) was introduced to ensure that products sold in the EU meet high safety standards, protecting the health and safety of consumers.

Brake pads and brake discs are critical components in the braking systems of vehicles, and ensuring their compliance with GPSR is essential for both safety, quality, environmental and regulatory reasons.

## **Product Description for brake pads for Motorcycle and Automotive**

- **Function:** Brake pads are designed to create friction when pressed against the brake disc, allowing vehicles to slow down or stop effectively.
- **Material Composition:** Brake pads are composed of a mixture of materials such as metal, ceramics, and organic compounds, carefully selected for their durability, safety, and performance characteristics.
- **Target Applications:** These brake pads are used in passenger cars, commercial vehicles, motorcycles etc.
- **Size and Variants:** Multiple sizes and designs are available to fit a variety of vehicle models and braking systems.

## **Product Description for brake discs for Motorcycle and Automotive**

- **Function:** Brake Discs are designed to rotate with the wheels. Brake pads, which are fitted to the brake callipers, clamp onto these rotors to stop or decelerate the wheels. When the braking system is applied, the brake pads push against the rotors generate friction, which transforms kinetic energy into a thermal energy.
- **Material Composition:** Brake discs are composed of either cast iron, stainless and mild steel depending on application and are carefully selected for their durability, safety, and performance characteristics.
- **Target Applications:** These brake discs are used in passenger cars, commercial vehicles, motorcycles.
- **Size and Variants:** Multiple sizes and designs are available to fit a variety of vehicle models and braking systems

**Technical Documentation:** The manufacturer has maintained detailed technical documentation including:

- Design and manufacturing processes.
- Results of safety and performance testing.
- Risk assessments and mitigation measures.
- Compliance certificates from accredited testing laboratories

## **Regulations**

We have outlined some of the major articles of the Regulations below and show how our products conform to these requirements:



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## Article 5

General safety requirement: As an economic operator we shall only place or make available on the market safe products.

## Article 6

Aspects for assessing the safety of products: When assessing whether our products are safe, we take into account the characteristics of the product, including its design, technical features, composition, packaging, instructions for assembly and, where applicable, installation, use and maintenance. Installation instructions are included both with the products and available online.

We assess the following additional aspects:

- The effect on other products, as our parts can act as the conduit between other items (e.g. discs and calipers).
- The effect that other products might have on our products, where reasonably foreseeable.
- Presentation, labelling, warnings, and instructions for safe use.
- The suitability of our products for various consumer groups, including individuals with disabilities, and their safety implications.

## Article 7 & 8

Presumption of conformity with the general safety requirement: Our products conform and have been independently tested to relevant European and International Standards. Where relevant, our products are also approved to ECE Regulation 90, China Compulsory Certificate, SAE J2975 and SAE J661 and TUV/KBA. Hazardous substances, as listed in Directive 2000/53/EU (End of Life Vehicles) are not present above the limits stated in that directive.

- Our products conform to EU standards
- We adhere to applicable international standards, employing external scientific bodies for specialised testing when needed.
- Our products enhance consumer safety and are proven in demanding environments.

This **Manufacturing Statement of Conformity** is to confirm that our products comply with the **General Product Safety Regulation** and are safe for use by consumers under normal conditions.

All products manufactured are tested and traceable to regulatory standards, and systems controlling their manufacturing process are subject to external assessments from several recognized bodies.

This declaration includes:

- The product's specifications.
- A description of the safety assessment process.
- The identification of the standards used to assess the product's safety.
- The manufacturer's details and contact information.

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