



Brand of NTN corporation



ECE R90-approved SNR brake discs

ECE R90 approval

The ECE R90 standard regulates the quality and performance criteria of brake discs and pads.

Used in automotive applications, it certifies compliance. Based on European or United Nations directives, its provisions are mandatory and apply to a series of automotive parts. Those parts must meet OE and aftermarket specifications.

To gain approval, the parts are tested and must satisfy all road safety and environmental protection requirements. If a spare part is ECE R90-approved in one country, that approval automatically applies in all countries subject to these regulations.

Guarantee safety and quality

As required by the regulations, all brake discs must comply with the ECE R90 standard. To obtain this approval for our brake disc range, a whole series of tests and quality controls were incorporated during the product testing phase.

Whether in the laboratory or on the road, the 35 SNR kits that include a bearing and a disc hub have proven their performance, their quality and their compliance to the market. As a result, they comply with the performance level of the original part, qualifying them for approval by an independent body. Our approved parts can now be identified by their "R90" label on the outer edge of the disc.



Non-contractual photo

35 approved part numbers

"Our customers' safety comes first. It is our duty to provide approved OE quality parts in order to make the best products available to the aftermarket and to fight against counterfeiting. As an automotive manufacturer, our goal is to ensure the safety and peace of mind of our customers by guaranteeing the quality of our kits. Thanks to these regulations, it will become more and more difficult to market non-compliant products"

Carole BERWALD, Product line manager,
Wheel Bearings, Automotive Aftermarket NTN Europe.

Extensive sensor-based road testing was conducted, enabling us to verify a wide range of performance parameters such as:

- brake line pressure and disc temperature
- component performance under various operating conditions (speed, heavy loads, extreme temperatures.)
- speed-sensitivity immediately following vehicle pressurisation

Certification objectives

- facilitate customs processing in certain countries
- fight against counterfeit products that impair user safety
- ensure drivers' comfort and peace of mind

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