



Service-Information



BMW MOTORRAD GMBH Service R-VK-10 vdW-st	R 50/5-R 100 RS Motorcycles Technical Group: Wheels and Tires	Munich, June '78 36 005 78(1065R)
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- For U.S.A. and Canada Only -

Subject: Radial and Lateral Runout Running Tolerances of all Current Production Model Wheels and Brake Discs.

Dear Dealer,

In order to ensure stability in all normal riding speeds, it is vitally important to check that there are no unacceptable tolerances present.

To simplify and speed up repairs, enclosed find a summary of all necessary test values.

Yours truly,

BMW MOTORRAD GMBH
Munich

i.V.

i.V.

M. González
González

H. Blank
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Enclosure

1. Wheels and Tires

Spoked wheels and Cast wheels
(front and rear)

Lateral runout (rim without tire)	0.5 mm (0.020 in) measured at rim shoulder
Radial runout (rim without tire)	0.9 mm (0.035 in)
Lateral runout of installed tire	1.7 mm (0.067 in)
Radial runout of installed tire	1.8 mm (0.071 in)

2. Brake discs

Lateral runout (front and rear brake discs)	0.2 mm (0.008 in)
Radial runout (front and rear brake discs)	0.3 mm (0.012 in)
Minimum thickness of brake disc (for repairs)	4.6 mm (0.181 in)

The measurements quoted here are for wheel bearings adjusted to zero play and with the wheel carried on its quick-release axle.