



New sealed GMN spindle bearings - S ... 2RZ and SM ... 2RZ series

GMN is extending its current product range of sealed spindle ball bearings to include bearings for applications with higher speed and higher load capacity.

The new sealed **S ... 2RZ** and **SM ... 2RZ** series will gradually be introduced in addition to the existing **KH ... 2RZ** series.



As with the existing **KH ... 2RZ** series the focus of the new series is on the following features:

- Optimised for-life grease lubrication, thus increased service life
- No speed reduction due to non-contact seals
- No grease loss in vertical or angular mounting positions
- Reduced grease desiccation due to ventilation or air flow
- Reduced need for additional sealing elements
- Reduced sensitivity to contamination in the assembly area

The technical data (ball diameter, number of balls, load ratings, reference speed) correspond to those of the standard S and SM series and can be found in the current catalogue.

The standard grease of the sealed spindle ball bearings of the **S ... 2RZ** and **SM ... 2RZ** series is LUBCON L252 (GMN code T274) and the standard grease volume is 20 % of the free space inside the ball bearing.

Availability

- Bearing size 60..
- Diameter range 25 ... 50 mm
- Contact angle C or E with **S ... 2RZ**
C with **SM ... 2RZ**
- Precision P4+
- Material steel or ceramic balls

Other design on request!

Designation examples

Ball material	Bearing series	Bearing size	Sealing	Contact angle	Cage	Precision	Matching	Lubrication
-	S	6005	2RZ	E	TA	P4+	UL	T274
HY	SM	6010	2RZ	C	TA	P4+	DUL	T274