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 \textit{S \ldots 2RZ} and \textit{SM \ldots 2RZ} series will gradually be introduced in addition to the existing \textit{KH \ldots 2RZ} series.

As with the existing \textit{KH \ldots 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 \textit{S} and \textit{SM} series and can be found in the current catalogue.

The standard grease of the sealed spindle ball bearings of the \textit{S \ldots 2RZ} and \textit{SM \ldots 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
  - Diameter range
  - Contact angle
  - Precision
  - Material

Other design on request!

### Designation examples

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