

PlanetGear VRS
Standard Version



VRS
High-Precision Gearbox



VRS
HighSpeed-Version



VRS
GearSystem



Unbeatable because of the diversity of its versions

Our versatile planetary gearbox for every requirement

The **PlanetGear VRS** from **NIDEC** combines reliability and maximum precision. At the same time, it meets a wide range of requirements.

In addition to the standard version, the **high-speed version** guarantees maximum dynamics, speed and efficiency. Our **high-precision gearbox** is your reliable partner for demanding tasks that require millimetre precision. For sensitive applications in the food sector, the VRS can be ordered in a **Foodgrade version**.

Or you can choose a plug-and-play **gear system** for dynamic machine tools, high-tech robotics and automation applications.

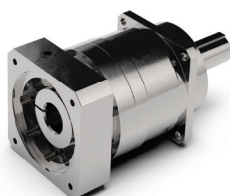
The VRS standard at a glance:

- 7 sizes from T2B= 46Nm to 5100Nm
- Max. radial forces up to 30 kN possible
- Input speeds up to $n_{1max} = 7500 \text{ min}^{-1}$
- Backlash of $<1 \text{ arcmin}$ - $<3 \text{ arcmin}$
- Gear ratios from 3:1 to 100:1

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VRS
Foodgrade



■ Here you can find additional up-to-date information:
www.nidec.at/en/products/planetary-gear/precise-gear-box-vrs



