

# Features of the new FAG 4-row angular contact ball bearing

## 1 more energy-efficient, more environmentally friendly

[The 4-row angular contact ball bearings](#) for the automotive hub assembly have been successfully developed by the Schaeffler Group's brand Bearing ". It replaces traditional tapered roller bearings and can effectively reduce fuel consumption. The new hub assembly is particularly suitable for SUVs, Light trucks and freight vans. If you replace tapered roller bearings with tandem bearings on both front and rear shafts, you can save on daily travel 1.5% of fuel consumption. This innovation is an important contribution to the effective improvement of fuel economy and reduction of emissions.

## 2 less friction-lower operating temperatures

In a pair of tandem bearings, two ball columns are substituted for the tapered roller columns respectively. This means a double-row tapered roller axis 4 rows of ball bearings. [The use of the ball point contact](#) to replace the tapered roller line contact eliminates the friction of the gear edge, so that the shaft 50% reduction in the bearing friction. It also means that the running temperature of the tandem bearing is lower, which significantly improves the bearing lubricant. Useful life. Compared with tapered roller bearings, the stiffness of the vehicle is also increased when cornering