

## Press release

# Bafang "shifts" to hassle-free riding - the new 3-speed automatic gear hub

**Suzhou, June 2022** - Bafang introduces its new 3-speed automatic gear hub. This intelligent-acting hub takes over from the driver the otherwise manual process of changing gears, according to the speed, in a quiet, discreet, and precise fashion... automatically! Instead of shifting gears, the motto is 'enjoy!'

Bafang is one of the world's leading manufacturers of eBike drive systems and continues to expand its extensive product portfolio in the drive components segment with fresh innovation. Weighing only 1.7kg, this hub can be supported by both chain- and belt-driven motors which can have a maximum of 80 Nm. Plus, it can be used without any electric assistance at all on standard pedalling bicycles. This automatic gear hub is particularly suitable for e-trekking, e-city and e-cargo bikes (reduction ratios of 1:1, 1:1.36 and 1:1.65).



Photo: Bafang/3 speed automatic gear hub

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### Low maintenance – high performance

An optional speed detection sensor replaces the traditional sensor installed on the chain stay, providing a very clean solution for mid-drive systems. The new 3-speed automatic hub has precise shift points depending on wheel speed, thanks to Bafang's exquisite clutch mechanism. The hub can be combined with eMotors that are designed to support up to 25km or 32km. Furthermore, it can of course also be used for normal bicycles. No matter if 20" or 24", for folding/concept bikes, or for the bigger sizes such as 26" or 28", the gear hub excels. The shift points are ideally matched (cadence calculated/based on a 38T/16T chain wheel), and so manual, hectic shifting is no longer necessary. This means less distraction from the road, with more riding comfort and safety for the rider. In terms of components, there is no need for an additional shifter and shift cable, resulting in lower maintenance requirements, easier servicing, and a high performance.



Photo: Bafang

Furthermore, this stylish and solid-looking automatic shines with the following technical data: Belt freewheel (optional, open to Gates specifications), 16T or 18-single freewheel specifications, OLD: 135mm, spoke hole: 36x13G, additional chain wheel inside. Due to the powerful design of this innovative gear hub, it can only be integrated in applications equipped with disc or V brakes.

# BAFANG

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**About BAFANG:** [www.bafang-e.com](http://www.bafang-e.com)

Bafang, one of the leading manufacturers of e-mobility components and e-drive systems, has been developing components and complete systems for electric vehicles since 2003. The company is listed on the Shanghai Stock Exchange (603489.SS) and focuses on all global e-mobility trends of the future: be it individual e-bikes, e-scooters or for public bike sharing systems. Bafang employs over 1000 people at ten international locations worldwide. The headquarters, development and production centre are located in Suzhou, in the immediate vicinity of Shanghai/China.

- Bafang has sales and service centres in the Netherlands, the USA, Germany, Denmark, France, Italy and China. The newly opened plant in Poland focuses on the production of mid-motor systems for the European markets.

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