

Press Release

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New Low-Noise Gearhead Models for the GPT Family

Quiet Operation: With 22GPT LN and 32GPT LN

FAULHABER expands its successful GPT family with two high-performance models that stand out with their exceptionally quiet operation: the 22GPT LN and 32GPT LN. These new gearheads have been specifically designed for applications where noise reduction is crucial – such as in laboratories, optical devices, medical applications, or testing and measuring systems.

Compact, Powerful, and Quiet

Like all models in the GPT series, the new low-noise variants combine high torques with a compact design and proven reliability. They deliver up to 2.2 Nm and 8 Nm respectively for the 22GPT LN and 32GPT LN in intermittent operation and can manage occasional random peak torques of up to 4 Nm and 12 Nm. Thanks to their optimized design and an input stage with plastic gears, the 22GPT LN and 32GPT LN operate with extremely low noise – without compromising performance, robustness or durability. Compared to the standard version, the low-noise variants are able to reduce noise by up to 10 dB.

Robust for Demanding Conditions

The stainless-steel housing provides reliable protection even in challenging environments. The gearheads are rated for a wide temperature range from –30 °C to +110 °C and maintain their high efficiency even during frequent or sudden load changes. This makes them ideal companions for high-torque motors.

The new low-noise models impress not only with their technical performance but also with an excellent price-performance ratio. Users benefit from the proven GPT technology – now enhanced with a noise-optimized solution for sensitive environments.

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[Figure 1]
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