

Heason

August 2016: Motion Control News



Planetary Gearheads within the medical industry

Gearheads are used across a wide range of engineering industries with the aim to provide **efficient, precise and reliable gear reduction**.

They now feature in a spectrum of **medical appliances** such as blood pumps, infusion pumps, dental equipment, lifting equipment, lung machines and kidney dialysis machines, or where high-**torque-to-volume-ratio**, **torsional stiffness** and **low backlash** are required.

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AKD-N decentralised servo drive system

With a compact design and **IP65 degrees of protection**, the AKD-N decentralised servo drive system is ideal for use in any food processing or packaging application.

Consisting of a central power supply with robust IP67 rated servo drives, **which are installed near to the motor**, this particular system offers everything required for the next generation of machine design whilst removing anything hindering the simplicity of the system.

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Ultra-small servo drive with exceptional power density

Designed, manufactured and tested to withstand extreme environments, the **Gold Bee** is specifically built for temperature ratings of -40 °C to +70 °C and vibration up to 14 Grms.

This ultra-small PCB mount package measures just 35 x 30 x 14.4 mm and delivers up to 4000W of power with current ratings to 50A at 100V DC.

Want to know what else it can do?

[FIND OUT HERE](#)



TwinSpin "H" series high precision gears

The TwinSpin "H" series of backlash gears incorporates high precision reduction gears characterised by through-holes in the shafts, also known as a hollow-shaft version.

Consisting of an accurate reduction mechanism and high-capacity radial and axial cylindrical bearings, these "H" series reduction gears allow the mounting of a load directly onto the output flange, or case, without needing additional bearings.

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"Fit and forget" position sensors

Inductive angle IncOders are non-contact devices used for precision angle measurement and work like a transformer using an inductive technique.

They are suitable for harsh environments, where potentiometers, optical or capacitive devices may prove unreliable.

With no delicate or wearing parts there is no need for periodic replacement, service or maintenance. In other words, IncOders are "fit and forget" devices.

Need to know how these can best suit your application?

[FIND OUT MORE](#)



It's summer time!

I think we would all agree that summer has been a little slow in starting this year, however, it looks like it's starting to pick up nicely at last.

Whilst many of you may be away during the summer period we want you to know that the Heason office is operating as normal and our team are available to support your applications and motion control requirements.

Have a requirement? Give us a call on +44 (0)1403 792 300 discuss your requirements or send us an email.

[SEND US AN EMAIL](#)



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Heason Technology Ltd

Unit 11 Spring Copse Business Park, Slinfold, West Sussex, RH13 0SZ, UK

Tel: +44 (0) 1403 792 300 | Fax: +44 (0) 1403 792 325

sales@heason.com