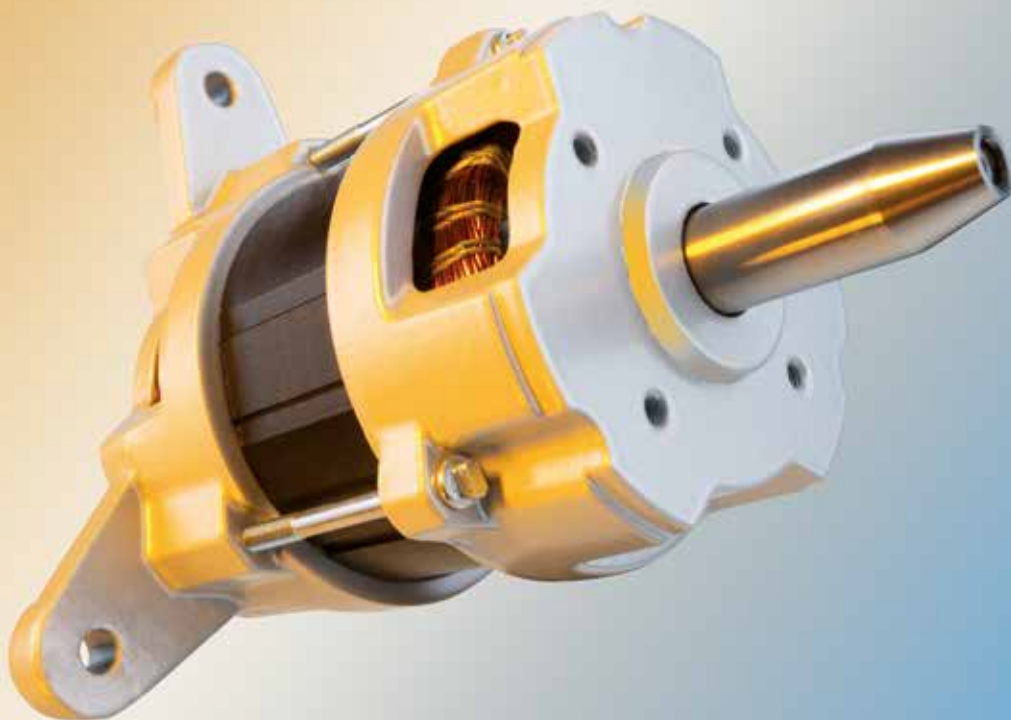


CENTRIFUGE APPLICATIONS

hamotic • hatronic



Obtaining the perfect drive: Fast and simple

How do you obtain the perfect centrifuge drive quickly and smoothly? The answer is very simple: With HANNING ELEKTRO-WERKE as competent partner, who knows and understands your requirements and implements them unerringly. To help us to assist you, please complete this short checklist and send us your general requirements. We will contact you immediately.

Contact details

Company:

Name:

Email:

Tel:

General requirements

Please provide a brief description of your centrifuge application and special requirements:

Drive dimensions

Max. height:

Max. diameter:

Other details:

Electrical requirements

Voltage:

Output:

Min. speed:

Max. speed:

Speed sensor: ☐ yes ☐ no

Temperature sensor: ☐ yes ☐ no

Other details:

Mechanical requirements

Mass inertia

Weight of rotor:

Rotor dimensions

Run-up time:

Delay time:

Required torque:

Protection class:

Max. unbalance or balance quality:

Other requirements:

Completely filled out?

Then simply copy or scan the checklist and send us your requirements to:

Fax: +49 (5202) 707-307 or

info@hanning-hew.com



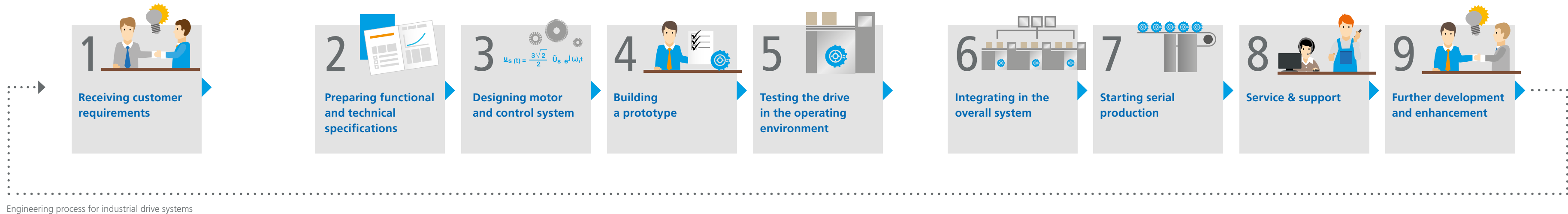
moving ideas

Life is movement – something we have been infusing in the products of our customers for more than 75 years. Based on our slogan “moving ideas”, we at HANNING ELEKTRO-WERKE develop drive concepts and manufacture customized solutions that will put you ahead of the competition. As one of the leading manufacturers of electric and electronic drive systems and components in the world, that is our promise to you.

We as a system provider strive to think outside of the box and develop customized industrial solutions, for instance for manufacturers of centrifuges for medical diagnostics as well as for special environmental, food analytical or quality assurance applications. Be it small, tabletop or floor-standing centrifuges: At HANNING you get a drive solution that is adapted to your application. In this way, we help you get ahead of the competition.

moving ideas – typical HANNING.
See for yourself!

Application fields: For medical diagnostics, environmental and food analysis, laboratory centrifuges for quality assurance and more
Advantages: Compact, energy efficient, high speed accuracy, adapted precisely to your application in terms of torque response and speed



Diversity on demand

Centrifuge drives from HANNING:
The right solution for every requirement.

Open to your requirements

You as manufacturer of special-purpose centrifuges have special requirements. As a single-source provider, we fulfill them with customer-specific solutions from drive to control system.

Customized to your application

The important thing is the result – and at HANNING that it fully matches your application. In this way, you benefit from quality drives as ready-to-mount units.

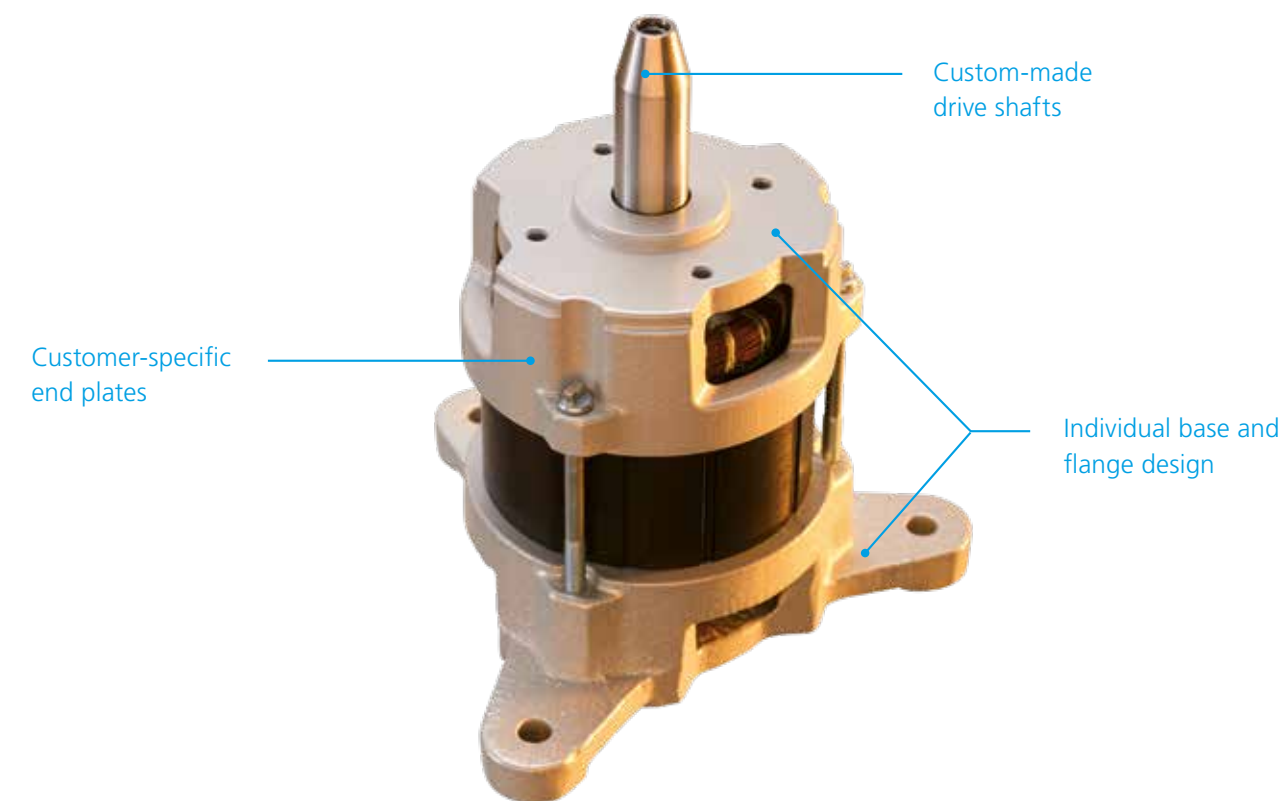
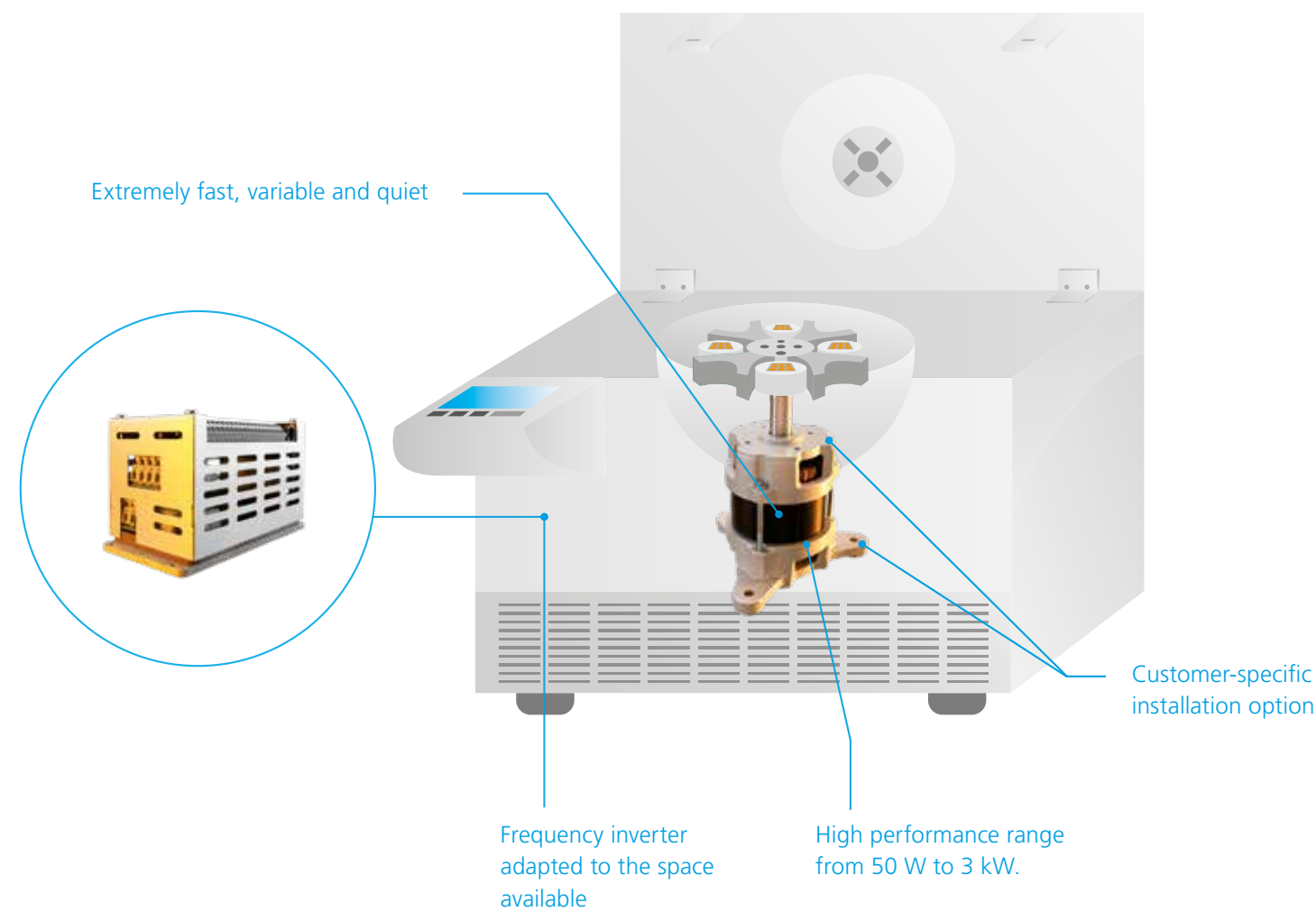
Be it encapsulated or not, with integrated connecting flange for immediate assembly or especially compact: HANNING is the right partner for your applications – we coordinate together with you the requirements and adapt the drive to your centrifuge applications.

To ensure that design, speed range, performance data and control system fulfill your drive requirements without any ifs or buts, we match the specifications precisely to your overall product. Step by step on the basis of

HANNING's engineering process. This is how a drive system evolves from motor to frequency inverter, individually adapted to your application.

The best drive can only develop its potential to the full if it is precisely and accurately adapted to your entire system. That is why we match your centrifuge drives to the respective

installation and connection requirements without making compromises. This helps you to save time during installation and get the most out of your drive unit.



Further information can be found in our **hamotic** and **hatronic** brochures.

Regardless of whether you are optimizing an existing centrifuge concept or working on a new development: HANNING matches the drive fully to your requirements and equips every centrifuge drive with a custom-tailored mechanical system for your application.



HANNING

moving ■■■ ideas

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