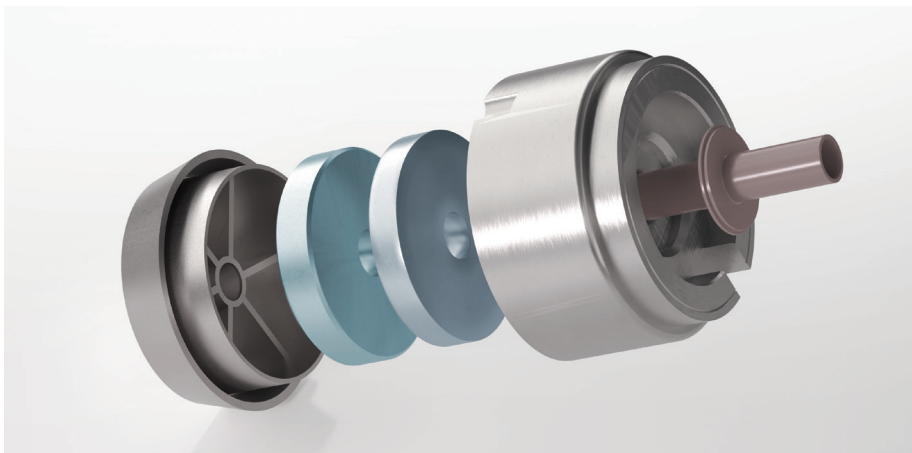


compact

Current Applications and Technologies with Permanent Magnets

Life-saving technologies in medical equipment



Magnet systems and assemblies from Magnetfabrik Bonn save and sustain lives. In medical technology, our magnet systems are taking on an increasingly important role. Magnet systems and assemblies consist of permanent magnets precisely assembled with various carrier materials and components to form complex units.

These magnet systems are used in medical devices for emergency ventilation, intensive care ventilation, and home ventilation, where they control oxygen supply, airflow, and air pressure. Magnets and magnet systems from Magnetfabrik Bonn are key components of modern ventilator systems. They enable precise control of air intake, the measurement of vital parameters, and the optimization of device functionality. As a result, they make a major contribution to the reliability and efficiency of ventilation and help ensure that patients receive the

support they need for safe and effective breathing. Magnetfabrik Bonn products play an essential role in these applications: They are distinguished by high precision, durability, and reliability, and they make a decisive contribution to saving and sustaining lives – particularly in intensive care and emergency situations.

As a leading magnet manufacturer in Germany, Magnetfabrik Bonn produces magnet systems from all common permanent magnet alloys – such as AlNiCo,

hard ferrite, neodymium-iron-boron, and samarium-cobalt – as well as polymer-bonded versions of these materials. Developing customer-specific magnet systems for medical applications requires close collaboration among highly qualified engineers.

Our decades of experience and expert calculation and modeling of magnetic parameters enable us to design cost-effective systems that meet the high technical requirements of our customers.

*Magnetic system
left: exploded view*



Downloads

We'd be happy to work with you to
develop your perfect magnet solution.
Reaching our goals together.
Put us to the test!

magnetfabrik  **bonn**
SHAPING FIELDS INDIVIDUALLY

magnetfabrik  **bonn**
SHAPING FIELDS INDIVIDUALLY

Magnetfabrik Bonn GmbH
Dorotheenstr. 215 | 53119 Bonn | Germany
+49 228 72905-0
verkauf@magnetfabrik.de
www.magnetfabrik.de

Further contact information

