

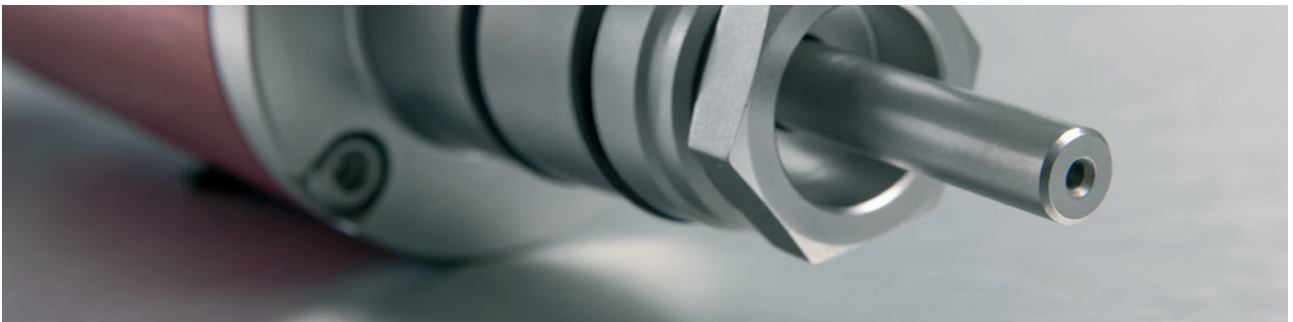


UK Flowtechnik

Specialists in flow metering, pumps, couplings
and process measurement equipment

Solutions for Fluid Technology

DST.magnetic
couplings



PERMANENT MAGNETIC SYSTEM TECHNOLOGY
CONTACTLESS AND LEAKAGE-FREE TORQUE TRANSMISSION



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**SSIC PLAIN
BEARINGS**



UK FLOWTECHNIK – YOUR COMPETENT DST PARTNER

UK Flowtechnik Ltd. is a joint venture between the German e.holding company group and Flowtechnik, a subsidiary of Hydrotechnik UK Ltd. We supply and distribute flowmeters, instrumentation, specialist pumps, magnetic couplings and high-quality hydraulic components of the German quality brands DST, VSE, Beinlich and HBE on the British market.

STRONG AND SAFE POWER TRANSMISSION

DST is a leading international manufacturer of permanent magnetic couplings and systems. DST offers a wide assortment of standard magnetic couplings. Agitator drives and a large selection of canisters supplement our product line. The core competence of DST is the design of customised couplings in close cooperation with UK Flowtechnik and the client. We have extensive knowledge and experience in contact-free torque transmission.

SOLUTIONS IN COOPERATION WITH THE CUSTOMER

Our clients benefit from our technical know-how and from a close cooperation throughout all stages of planning and production. We support your projects optimally through our comprehensive application and material knowledge. With more than 1,000 magnet configurations we can achieve the best possible performance for our clients for most diverse applications. We have a suitable solution for almost every requirement.

COUPLINGS FOR VARIOUS APPLICATIONS

DST provides environmentally friendly and cost-effective solutions. In cases where highly toxic or aggressive media is being used, DST products enable a leakage-free torque transmission and comply with highest safety requirements. Due to special safety features, DST magnetic couplings are applied in many industrial areas such as the chemical, pharmaceutical and food industries, in biotechnology, industrial furnaces, water management, compressors, measurement and dosing technology as well as in hydraulics and petrochemistry.

QUALITY PRODUCTS AND EXCELLENT SERVICE

UK Flowtechnik, based in Nottingham, is your local partner for individual product solutions with permanent magnetic couplings and agitator drives for various applications. We provide distribution, application expertise, quality service and technical support. Starting from the first inquiry, we provide personal consultations tailored to each individual need.

We work closely with our customers from the initial inquiry stage onwards and can provide innovative solutions for the most demanding of applications. We have a wealth of experience in helping you choose the most effective solution for your application along with excellent technical knowledge and support. Our friendly team is always on hand to deal with your enquiry.

AGITATOR DRIVES



DST agitator drives made from stainless steel 1.4435/1.4404 are available as overhead drive or bottom mounted drive. The overhead drive prevents the escape of any hazardous gases or the ingress of contamination during agitation. By using a bottom mounted agitator drive, the agitator is hermetically sealed, thus preventing any escape of the medium.

OVERHEAD DRIVES

PERFORMANCE

0.1 – 11,000 Nm

HIGHLIGHTS

- Complete unit with motor
- Compact design for the laboratory technology
- High pressures and temperatures possible
- Everything from a single source
- Customer-specific solutions

APPLICATIONS

- Autoclaves
- PU industry
- Chemical industry
- Laboratory technology

BOTTOM MOUNTED DRIVES

PERFORMANCE

0.3 – 1000 Nm*

HIGHLIGHTS

- Very good surface finish
- Optionally equipped with speed monitoring
- Canister flange as screw or welding flange
- Various materials are available
- Customer-specific solutions

APPLICATIONS

- Food industry
- Pharmaceutical industry
- Process industry

* <150 Nm incl. SSIC bearing,
further bearings made of steel or plastic on request