

The most powerful motor on the market

With 25% more torque and 30% less power loss, stepper motors from the 80MPF series from B&R Automation are ideally suited for applications with high clock rates

The 60 mm 80MPF, 56 mm 80MPD and 86 mm 80MPH motors are among the most powerful stepper motors on the market in regard to holding torque. B&R now offers motors for the most challenging applications with holding torque ratings from 1.1 Nm to 13.6 Nm. ACOPOsmicro as well as X20 System and X67

System stepper motor modules that handle a current range from 1 to 10 A are available for controlling the motors.

When designing the new 80MPF series, B&R says special attention was given to ensuring that the installation flange is compatible with existing 56 mm motors from the 80MPD series. For this reason, the mounting



holes on the two motors series are identical. Thanks to the use of high-quality materials, the new stepper motors, like all B&R motors, are extremely robust and have a long lifespan.

The new 80MPF series provides IP30 protection as standard. With an optional cover, IP65 protection is achieved. www.br-automation.com

Highly efficient stainless steel servo motors

Inmoco has extended its high performance servo motor range into hygienic processing environments, with the introduction of the S-Series of stainless steel servo motors from Cleveland Motion Controls. The energy efficient S-Series is designed specifically for sterile or high pressure wash-down environments found in food processing, beverage and pharmaceutical applications.

The S-Series units are competitively priced, compact motors designed to deliver the industry's highest available torque density, with stall torque 35% to 40% higher than conventional designs.

www.inmoco.co.uk

Direct drive torque motors are compact

Introduced as a completely new category for Kollmorgen's range of direct drive torque motors, the Cartridge DDR motor is now fully available from motion control specialist Heason Technology.

The innovative and very compact design includes a hollow shaft rotor, a stator and high resolution feedback device, all pre-aligned in a

bearing-less assembly and enclosed in a durable housing complete with power and feedback connectors. The motor is mounted on a prepared bolt-circle on the customers machine and through a special compression coupling engages with a solid shaft to directly drive the load which is supported by its own bearing system.

The Cartridge DDR combines the high performance advantages of the frameless direct drive motor system with the convenience of a full frame torque motor at very competitive pricing and with much simplified installation.

www.heason.com



Miniature Drive Specialists



PRECISE STEPS FOR SAFE OPERATION

PRECISION MINIATURE STEPPER MOTORS satisfy the most demanding medical applications. Faulhaber Precistep stepper motors are 2-phase multi-polar motors with rare earth permanent magnets providing exceptionally high power to volume ratio. The large magnet volume delivers high torque density and the rare earth characteristics allow for consistent stable performance across a very wide temperature range. Compatible with Faulhaber encoders and gearheads these stepper motors start at just 6mm diameter and are also available with integrated lead screws.

EMS

www.ems-limited.co.uk

0118 9817391

New guides and brochures

Micro motors, actuators and more

Hot off the press from EMS is a full overview of its product range. The 16 page brochure highlights DC micromotors, brushless DC motors, gearmotors, low profile motors, stepper motors, drive electronics, linear actuators and custom solutions.

The products meet the needs of a range of applications, including

medical, laboratory, robotics, optics, aerospace, security, building automation and industrial processes.

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