

What's New?

Latest addition to HBM's CFT piezoelectric range

For applications that require the coverage of a wide measuring range, such as presses with a large force measurement range, HBM has introduced the new CFTplus force transducer, which features improved accuracy and calibration in three measuring ranges. Designed for industrial applications, particularly within the manufacturing sector, the new CFTplus series is calibrated for the measuring ranges; 1%, 10% and 100%, and can be used immediately on installation

www.hbm.com

Reliance introduce EtherCAT to Cool Muscle motor range

Reliance is pleased to announce a new product to their motion control range - the RCM1 with EtherCAT. This new product is an extension to their Cool Muscle Motor servo system and integrates the EtherCAT communication protocol within the unit.

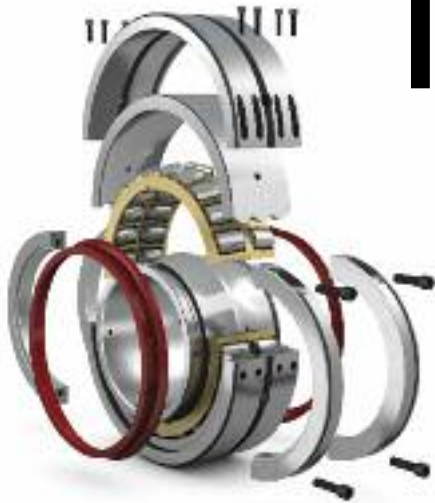
The Cool Muscle Motor servo system has been a premium, reliable product in the Reliance motion control catalogue range for many years. The range has now been extended with the addition of EtherCAT compatible servo motor versions in NEMA sizes 17 and 23 for both short and long units. EtherCAT is a high speed, real time communication protocol that has the ability to update numerous devices in the microsecond range. This makes it ideal for multi-axis synchronised control or in systems where a master is co-ordinating a large variety of devices such as sensors, motion axes and distributed I/O.

www.reliance.co.uk



The kit you need

Our look at the month's most interesting product launches



SKF says split roller bearings are ground breaking

Most advances in split bearing technology have been incremental improvements over the last 100 years. However, with the introduction of the SKF Cooper split spherical roller bearing, a new level in product quality and precision engineering has been achieved by combining SKF's spherical roller bearing and SKF Cooper's split bearing expertise. Manufactured at SKF Cooper in the UK, the new split bearing range enables customers to significantly reduce downtime by the replacement of solid bearings in-situ.

The SKF Cooper range of split spherical roller bearings is currently available in the 231 series for shaft diameters 240 to 450mm, which are typically used in mining conveyor and stacker/reclaimer applications. Later in the year, smaller sizes will be introduced, suitable for the quarrying sector.

www.skf.co.uk



Fast connection tools to accelerate sealing

Inefficient, unproductive plugging or sealing methods increase costs through decreased operational output. That, along with recurring maintenance issues, difficult seal replacements and short life spans, has resulted in many companies making the change to FasTest.

FasTest is an American manufacturer of engineered connection tools for leak and pressure testing with over 50 patents secured, the company makes connection tools that are easy and quick to use, safe and reliable. FasTest connectors are ideal for many applications such as: piping, cooling, heating, fluid, hydraulic, pneumatic, refrigerant and fittings.

www.tom-parker.co.uk



Stäubli upgrades MPC rail industry connector

Stäubli Electrical Connectors has upgraded its MPC range of rail industry modular power connectors as part of its process of continuous improvement. The enhancements include new generations of straight and right-angled connectors.

The insulators in the new ranges are made of improved plastics that provide increased insulation resistance of up to 1 kV and a lower degree of flammability. They meet European rail applications standard EN 45545-2, including the most stringent HL3 R23 hazard level class for underground and high speed trains.

The insulation, combined with a new zinc die-cast alloy used for the side elements, has allowed the units to be more compact, with weight reductions of up to 30% over previous models while remaining 100% compatible.

www.staubli.com