

Update

Motors and inverters

Simple, precise and powerful control – plus the very highest levels of performance and energy efficiency. Such solutions are increasingly in demand by today's marketplace – but not so easy to find. These latest offerings from Fenner, however, not only meet this demand, but means that the range covers the complete solution, from power input through to the final driven machine.

Performance combined with ease-of-use

Available in a number of designs, including IP55 variants, the new QuickDrive (QD) range of inverters is easy to install and commission, yet rich in features and functionality.



Catering for variable torque applications and those needing high performance open-loop requirements and simple speed control such as HVAC, there is the dedicated QD:VT range.

The QD:E (Easy) range is a basic, simple-to-use drive available in ratings from 0.37kW to 11kW. With just 14 basic parameters suitable for most applications, the units have an overload capacity of 150% for 60 seconds, and are supplied with an integral RFI filter, repeat programming can be carried out quickly and easily with the new Fenner Q-stick.

Ideal for delivering energy savings in HVAC applications, the QD:VT (Variable Torque) range is specifically designed for use with fans and pumps and is available with ratings from 1.5kW up to 160kW. The advanced QD:CT PLUS (Constant

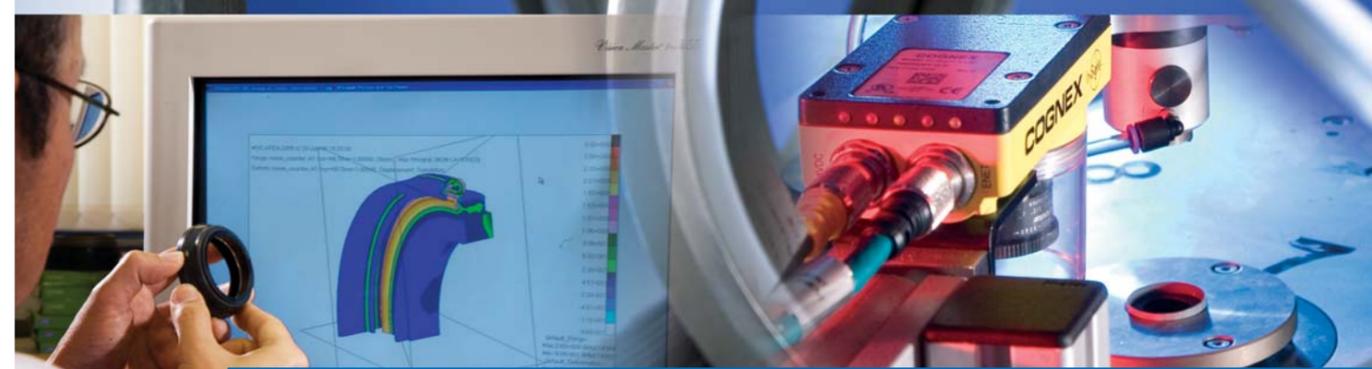
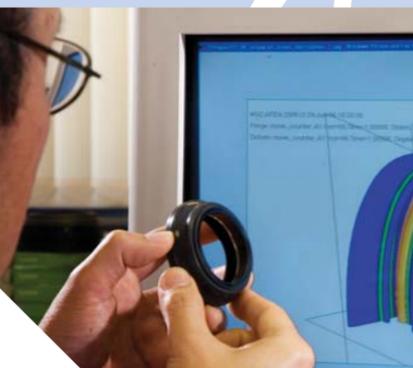
Torque) range has open-loop vector control for motors with ratings from 0.37kW to 160kW and is capable of delivering 200% torque right down to 0Hz, allowing them to be used in many applications where closed-loop control would have previously been essential. Also available is the QD:IP55 in both QD:E and CT PLUS variants, offering protection against wash-down and dust.

Designed for the most demanding applications

An ECA-compliant, high efficiency motor, the Fenner FM:P is available in powers from 1.1 to 500kW, and features NU bearings on larger motors to prolong bearing life where there is a considerable overhung load. Optimum energy efficiency is guaranteed by the use of high quality materials and qualifies the range for EFF1 status.

Seals for every application

PIONEER WESTON HAS BEEN AT THE FOREFRONT OF ROTARY AND MECHANICAL SEALING TECHNOLOGY FOR OVER 50 YEARS, DESIGNING AND MANUFACTURING TO BOTH ISO/TS16949:2002 AND ISO9001:2000 QUALITY ACCREDITATIONS FOR DYNAMIC SEALING SOLUTIONS AND SPECIALIST MECHANICAL SEALING PRODUCTS.



Sealing the no.1 spot

ERIKS delivers world-class sealing technology

To find out more visit www.eriks.co.uk or contact 0845 603 1221

If you're thinking seals, you should be thinking ERIKS. Why? Because, as a world-leader with more than 50 years experience behind us, sealing technology simply doesn't come more advanced than ours. With an unparalleled ability to design, manufacture and test solutions for any application our Sealing Technology Centre is the ultimate source of design know-how and application engineering. In short, ERIKS sealing technology is in a class of its own.

- World-class sealing technology
- Full custom solutions for any application
- In-house materials R&D
- 60,000 stock items
- In-house manufacturing capability certified to ISO/TS16949:2002 and ISO9001:2000

MARKET • PRODUCT • APPLICATION • CUSTOMISATION • LOGISTICS • INFRASTRUCTURE

know-how makes the difference

ERIKS



Sealing a Triumph

When you're looking for the ultimate in seal design for a specific application, there's no-one better than Pioneer Weston.

When the engineers at Triumph Motorcycles needed a sealing solution for the gearbox output shaft of a new model, they needed it quickly. So they turned to Pioneer Weston, part of the ERIKS Sealing Technology Centre and home of the Materials Technology Centre.

As an organisation which not only has proven expertise in seals, but also an excellent reputation for providing a fast response, Pioneer Weston submitted a detailed offer, including full engineering drawings, within just nine days of being approached. It was a tough challenge: the seals were required to work continuously at temperatures in excess of 70°C in an oil-laden environment on a shaft rotating at up to 3000rpm.

With its own in-house materials laboratory and dynamic test facilities, Pioneer Weston produced the first samples in less than three weeks. As these samples proved to be right first time, an initial order for production quantities was placed in plenty of time to meet Triumph's request. The results delighted David Lakin, Triumph's Purchasing Manager: "We were very impressed with the performance of Pioneer Weston on this project," he said, "though now we've seen that seals can be developed and produced this quickly, we'll expect the same service on all of our future orders!"