

Products: Hydraulics & Pneumatics

Gasketing material



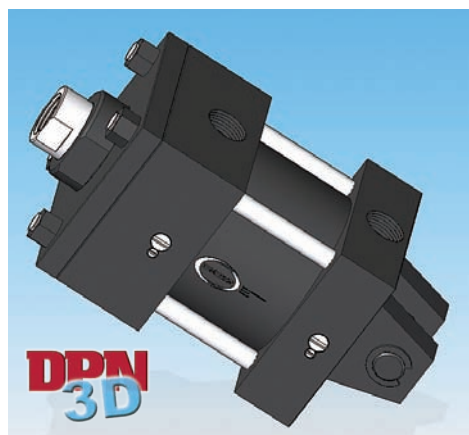
Garlock Sealing Technologies has launched Multi-Swell, a proprietary gasketing material. The material creates its own load when it comes into contact with oil or water, and is said to virtually eliminate the most common cause of gasket failure – in-

sufficient load. The material is said to perform equally well in oil or water, does not degrade in contact with oils and adapts to different types of flange designs.

garlock.com

Info Card 366

2D/3D cylinder configurator



Higginson Equipment Sales, has introduced an ease-to-use Cylinder Configura-

tor and detailed 2D/3D CAD drawing download function. Designers can select desired cylinder features, building a complete Higginson part number, and downloading the respective 2D and/or 3D CAD files in formats such as Parasolid, STEP, DWG, DXF, IGES and Rhino. By downloading CAD files, users are able to insert them directly into their design process.

higginson.ca

Info Card 362

Hydraulic pressure switches



Mechanical hydraulic pressure switches HED8_2x from Bosch Rexroth cover nominal pressures up to 630 bar and can be installed directly without adapter plate with in-pipe, flange and subplate mounting. Hydraulic ports and electrical plugs K14 and K35, make the units compatible with predecessor models that are no longer available. The switches offer safety according to EN 60529 (IP65) and EN 60947 (Low Voltage Directive).

boschrexroth.ca

Info Card 363

Pneumatic miniature slides



The DGSL series of mini slides from Festo have a guide unit with a repetition accuracy of 0.01 mm, and linearity and parallelism in the 1/100 mm range. DGSL/DGSL units can be combined directly without adapter plates – in pick and place or piggyback configurations. The slides in-

clude interfaces to the Festo modular handling system. The series has 8 sizes from 4 to 25 mm; strokes from 10 to 200 mm.

festo.com

Info Card 364

Manifold has 6 mm valve



SMC has announced the release of the series VV061 – CUBE manifold which comes with 6 mm wide 3 port valves, which can be used to operate small bore cylinders or as a pilot valve to operate air operated valves. The manifold combines valve, PCB, base and fittings. With 2 voltage options of 24 and 12 Vdc, the 6 mm width valve series V060 consumes 0.55 W in standard configuration and 0.23 W with power saving circuit, and has a response time of 10 ms. The unit comes in 4- and 8-station configurations.

smcpneumatics.ca

Info Card 365

Stainless steel FRLs



Parker Hannifin offers a line of pneumatic stainless steel filters, regulators and lubricators. The Parker Prep-Air series of air preparation units meet NACE specifications. Made from 316 stainless steel, the FRLs feature fluorocarbon seals and are suitable for systems with pressures to 300 PSIG. Air line filters are available in 1/4 in. port size and 1/2 in. port size models and feature a 2-stage filtration system. Particulate ratings are 5 to 40 microns.

parker.com/pneumatics

Info Card 367

SKF Actuation & Motion Control

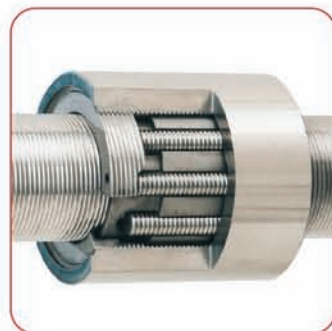
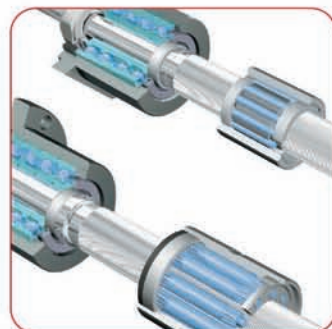
Ball and roller screws

SKF is the market leader in roller screws. These screws offer the ultimate in performance, reliability and lifetime, in a compact design.

SKF ball and roller screw assemblies are high-quality products suitable for a wide range of applications where precision driving systems are needed. The high efficiency screw affords the opportunity to displace loads by transforming rotary action into linear motion. These screws have rolling elements, balls or rollers, between the nut and the screw shaft. In all types of ball screws, the load is transmitted from the screw shaft to the nut through each ball. Several recirculating systems are available.

Key applications include:

- injection molding
- tilting trains
- welding and riveting guns
- high performance actuators for tripod robots



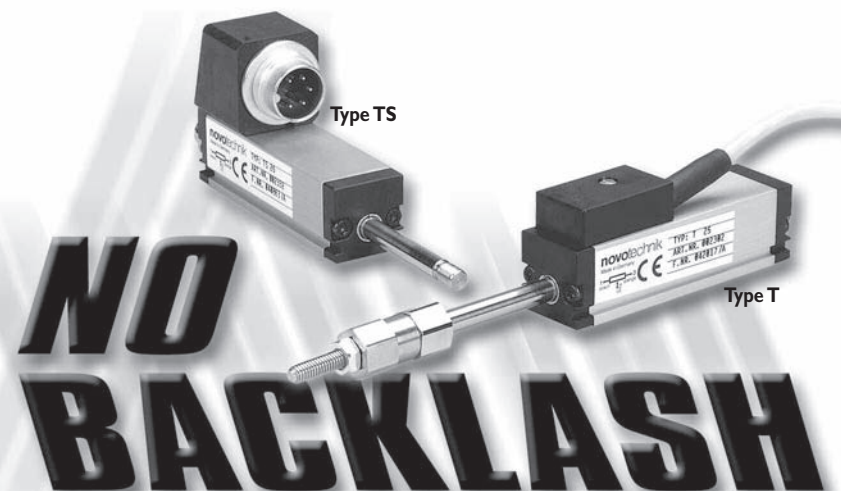
For detailed information on SKF's complete range of Actuation & Motion Control products, please email marketing@skf.ca or visit www.skf.ca/dpn

Celebrating 100 Years!

With 100 years of application experience in virtually every industry, SKF is the leading supplier of products, solutions and services. Trust in SKF to help you deliver results.



SKF 100 YEARS 2007



In applications that can induce parallel or angular alignment errors between the transducer and the direction of movement – Novotechnik has the solution.

T/TS transducers have a ball coupling to provide backlash-free operation for long life – up to 100 million operations. They feature double precision bearings and an anti-rotation mechanism to ensure precise wiper loading to deliver outstanding linearity up to .075% at speeds up to 10 m/s. T/TS transducers are available in stroke sizes from 25 to 150 mm and operate at temperatures from -30°C to +100°C.

For our free motion sensor and transducer catalog, contact:

novotechnik
Siedle Group

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