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Products: Hydraulics & Pneumatics

Pump displacement increase
 In addition to 32-valve relief valve control, and they provide 20% more. The series self-diagnostic functions help users quickly identify problems that could have otherwise caused major downtime. The EALN offers a host of self-diagnostic features to protect the user. Models from one-circuit and to three-circuit on-board output to the valves.
www.pneumatica.com

Self-adjusting air cylinders
 Bosch Rexroth Canada has introduced the 3000 series air cylinder with self-adjusting valves. The E and C series pumps are now mounted to the 3000 series and the displacement of the 3000 series has been doubled. The displacement of the C series has also been increased up to 63 cm³/rev. In addition, the E and C series pumps are available in two new nominal sizes. The pumps can be used for all applications between 1 and 63 cm³/rev.
www.boschrexroth.ca

Self-diagnostic network
 Series 10000 Self-Diagnostic Network module provides three bits. Pneumatic Canada provides 32-wire input ports.

Springloaded actuated damp
 Series 10000 Self-Diagnostic Network module provides three bits. Pneumatic Canada provides 32-wire input ports.

Rotary air valves
 Dipped treatment laboratory has introduced a new line of Rotary Air Valves. The rotary valves are 4 way with 1/2 to 1/4" ports. They are normally-closed 2 position closed center valves offering an operating pressure range of 15 to 120 psi and an operating temperature from 0° to 140°F. With a small footprint, the beam-mounted rotary valve is used in applications for storage containers.

Vacuum system components
 Pneumatic has announced the addition of vacuum components and custom design capabilities. Available components include a wide range of vacuum pumps, solenoid valves, a manifold of valves, configurations, and materials, vacuum units for systems monitoring and their back, and all the necessary accessories for system support and maintenance. Each vacuum product is designed to provide the optimum vacuum component for the most possible operating pressure reducing energy consumption, noise levels, leakage, and the overall cost of the equipment.
www.pneumatica.com

Modular hydraulic valve
 Eaton Corp. has introduced a modular hydraulic valve manifold valve that offers flexibility for a broad range of mobile applications. The M-20 valve manifold modular design features with its ability to hold the position correctly as long as before do not exceed the valve rating. The technology has been designed to apply to standard heavy duty 100% duty 100% valves. The modular design can be converted to different machine structures or to custom designed.

Fluid power simulation
 Fluid Technologies Inc. has released version 1.7 of Automate 3D, software for system design, simulation and diagnostics of hydraulic, pneumatic, and electrohydraulic projects. The software can be used to design, analyze, test, troubleshoot, and simulate systems, while the series version features multiple new tools and enhancements that have been greatly improved for real users. For example, when a multiple hydraulic or pneumatic pressure line selection is required, it is possible to apply to it in one step, the type of line using the multi-selection control menu. Using the multi-selection control menu, the user can change the type of line for all selected hydraulic or pneumatic lines.

Hollow-shaft units
 Pneumatic, Inc. has added a series of hollow-shaft units to its line of Torque Transmitted Line (TTL) systems intended for industrial assembly applications. Based on direct drive motor units including the TTL 400 series, pneumatic units in series combination with multi-angle sensors mounted through the units help during the assembly operation. Because TTL provides measured and measured amount of torque during assembly and use operation. The units are retrofitted, provide wiring lead back technology and program, computer-managed to produce controlled torque input and output monitoring.
www.pneumatica.com

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