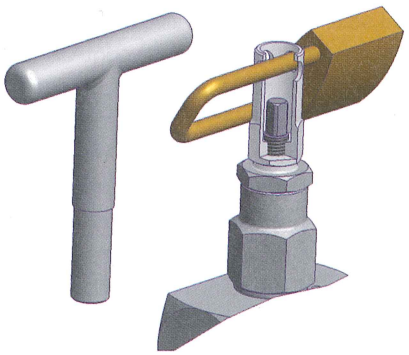
Valve World PRODUCT NEWS

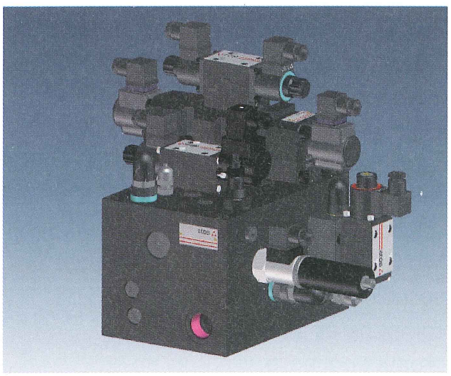
AS-Schneider release new valve protector



AS-Schneider have introduced a means by which to protect equipment in the form of a lockable valve head unit. They are offering three different security options to protect equipment against unauthorized or unintentional operation of the valve head units. The first is the 'Lockable Anti-Tamper' Design, pictured above which is the standard option for lockable valve head units. The T bar key cannot be inserted when the padlock is hooked in place and therefore protects your equipment against unauthorized operation of valves. The second is 'Locking Plate' Design, seen as a simple and feasible solution and used if T bar handles are required. This option allows minimum T-handle movements and is ideal as a protection against unauthorized closing of the valve. The 'Locking Plate' option can be retrofitted to any standard valve head unit. Lastly, the 'Safe Lock' Design represents a High-End Version of a lockable valve from AS-Schneider. The valve can only be operated with the integral T bar key after removing the padlock. This design is the best option against unintentional or unauthorized operation of valves. The integral T bar key is secured against loss and unauthorized removal. An additional feature to this is the colour coded dust cap for operating thread protection. All types are available with and without lock. A keyed alike lock with several keys is also possible. For more information you can contact the company at kontakt@as-schneider.com.

Atos electrohydraulics for bending presses

Atos have recently announced the development of standard blocks for Torque bar and CNC press brake in cooperation with leading OEMs to obtain high performances in a compact solution for modern bending presses. They range from NG06 up to NG16, coupled with NG 25 up to NG63 prefilling blocks, and are available in both CE or not CE certified design for the automation of a wide range of presses: from 400 kN up to 15.000 kN capacity. Optional crowning function ensures a constant bending angle over the entire bending length by compensating the pressure bar deformation. CNC press brakes solutions are designed in 2 basic models; Central blocks for small presses (up to 3.000 kN) with size 6 proportional valves for synchro and force control as well as Modular blocks for 3.000÷15.000 kN presses with size 10 proportional valves. Atos standard solutions for torque bar press brakes consist of sizes 10 and 16 directional control block coupled with a pressure control block suitable for presses from 400 kN up to 10.000 kN, integrating both the direction and pressure controls. All of their standard blocks are all TÜV certified according to the European Machine Directives and relevant Harmonized Standards.



Dixon valves prove successful

Dixon has revealed that its valve range is not restricted to hygienic applications. The company also offers industrial actuated valves that are suitable for use in a multitude of process industries. In one instance, a paint manufacturer required a solution for moving paint, which was accumulating in the void behind the ball on its encapsulated SVF ball valves. Dixon investigated and found that the titanium dioxide additive within the paint was causing premature failure of the standard ball valves being used. The solution would include an encapsulated ball valve that would minimise the titanium dioxide paint migration between the ball and valve body. Dixon concluded that 15 per cent fiberglass-reinforced PTFE seats and seals with higher abrasion resistance, as well as a larger actuator, would be beneficial. Key benefits of the product application include; the enlarged actuator ensured valve rotation if the process fluid began to solidify, the valve system was put through a one-year in-service test and was successful and finally the products service life was increased at a competitive price.

New SI Linear Guide Rail System

Sterling Instrument has introduced a new linear guide rail system which is said to feature heavy-duty, low wear, low friction, quiet, maintenance-free operation, without the need for lubrication. The appliance features a sliding element with a specially formulated polymer material best suited for hard anodized aluminum rails. The combination of the two yields low abrasion, which reduces alignment problems and assembly time. The carriage and rail combination is a compact, space-saving design with easy installation. The low, wide profile withstands high torque. They have been identified as the S99GWRM40 and S99GWRM80 series and are stocked in lengths of 1000, 2000 and 3000 mm. Both the size 40 and size 80 series rails are made of hard anodized aluminum. The carriage assembly for both series consists of an aluminum plate, die cast zinc blocks, and J® Polymer bearings. The overall height of both series is 24 mm.