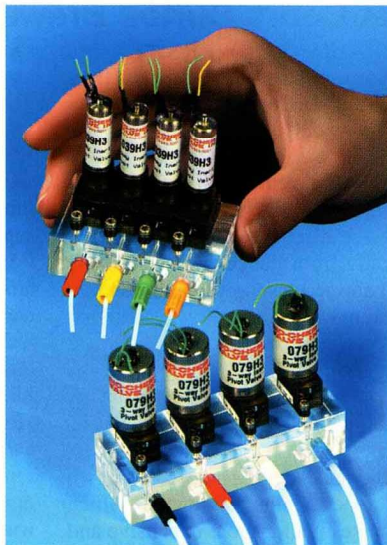


Miniature manifold-mounted pivot valves

BIO-CHEM Valve has introduced a more compact version of its inert, solenoid-operated pivot valve for controlling high purity or aggressive fluids. The 039H series miniature manifold-mounted pivot valve is available in the UK and Europe from Omnifit. It has the same footprint as the 079H Series, but the smaller solenoid allows it to be mounted directly side-by-side, reducing the centre-to-centre dimension from 22.2 mm to 12.7 mm.

Like the 079H, the new 039H valve is designed for use in laboratory instrumentation. It comes in 2-way and 3-way manifold mountable configurations which share an identical footprint, allowing interchangeable installation. The valve also features a precise, dual pivot diaphragm mechanism which ensures low internal volume, minimising carryover during precision mixing or dispensing.

Wetted material choices include



EPDM, Viton, or perfluoroelastomer for the diaphragm and PPS, PEEK, or Tefzel for the body material. Bio-Chem Valve also offers customised manifolds in conjunction with the valve.

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Amarinth offers Web-based quick order response

AMARINTH, formed in 2002 following the closure of the Girdlestone plant in the Woodbridge, Suffolk, says it deploys state-of-the-art, customer-focused solutions to deliver quality and short lead times.

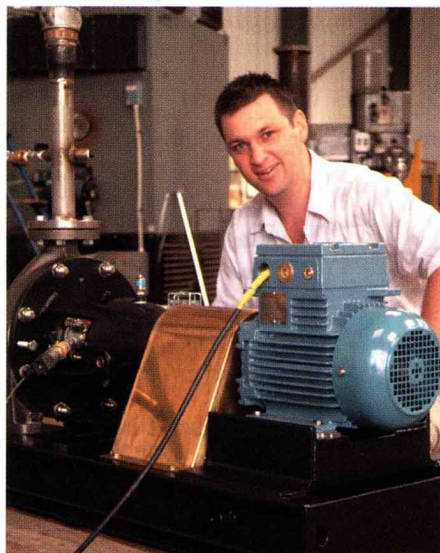
Says sales and marketing director Steve Buckley: "Girdlestone pumps were held in high regard and for many years had been seen as the workhorse of the brewing and distillery industry. When those pumps needed replacing however, some companies turned to emerging pressed steel imports. Although these new pumps had a quick delivery time and their cost was, perhaps, a quarter of the traditional pumps, their useful life often turned out to be only 10% of the existing pumps. In addition, there were other significant hidden costs associated with their frequent replacement and the resulting disruption to the plant."

Amarinth designs and manufactures centrifugal pumps to ISO, ANSI & API standards. Its pumps are directly interchangeable with Girdlestone pumps, eliminating the need for expensive modifications when replacements are required. In addition, it designs total sys-

tems that can include receivers and interceptor vessels, condensate recovery units, filtration and separation modules, instrumentation and control, valves and pipework. The company also undertakes pump repair and maintenance and optimisation of existing pumping systems.

Computer-aided design and engineering solutions are used to help engineers improve component performance and longevity. A tailored MRP system, incorporating a fully integrated e-commerce capability, allows customers to configure pumps, place orders and track progress over the web. In this way Amarith says it has succeeded in driving up on-time deliveries to over 92%, measured by the day.

By way of example Steve Buckley quotes Wiltshire brewer Wadworth & Co who recently needed a pump in a hurry. Says Wadworth's chief engineer Bob Tyre: "It was great. I



Clean steam control valve for hygienic applications

THE STERI-TROL clean service control valve is the latest addition to Spirax Sarco's family of steam controls. The two-port, pneumatically-actuated valve complies with all the relevant standards—3A, EHEDG, ASME BPE and FDA—to suit a range of hygienic steam applications.

Its self-draining, crevice-free design enables it to handle clean steam, pure steam, de-mineralised or reverse osmosis water and SIP/CIP applications. A sanitary clamp connects the body and bonnet, to facilitate in-line cleaning and maintenance. A high-performance double stem seal virtually eliminates any risk of contamination from external sources. The double seal also protects the valve from particulate damage to ensure a long service life.



The valve has a full range of connection options, including tube end and sanitary clamp connectors.

High Kv values offer a low pressure drop across the valve, and Spirax Sarco can provide a choice of equal percentage, linear or fast-opening flow characteristics. There are also soft seal and micro-flow options available.

Spirax Sarco,
www.spiraxsarco.com/uk,
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Fax +44 (0)1242573342

New premium LKH pump added

With the addition of the LKH-90 Alfa Laval has extended its premium range centrifugal pump programme. The unit is designed for CIP with emphasis on large internal roundings and cleanable seals. The sanitary version has a stainless steel shroud for protection of the motor, and the complete unit is supported on four adjustable stainless steel legs.

The LKH-90 pump is equipped with either an external single or a flushed shaft seal, which also fits model 70 and 80. Both have stationary seal rings in acid resistant steel AISI 329 with sealing surface in silicon carbide and rotating seal rings in carbon. The secondary seal of the flushed seal is a long lasting lip seal.

Performance data of the LKH-90 are: inlet pressure 10 bar maximum; capacity 480 m³/h; head 58 m; and temperature up to 140 °C. Alfa Laval, www.alfalaval.com,
patrick.roggemans@alfalaval.com
Tel +32 2 728 39 23.