

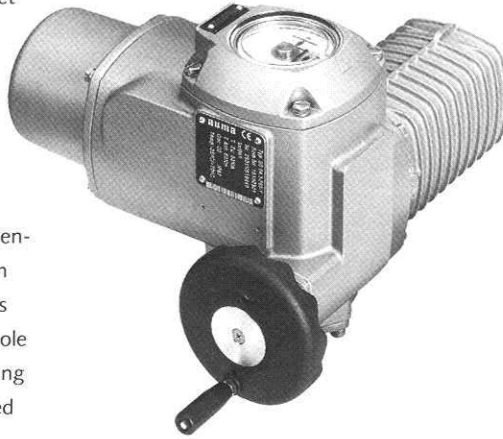
Low torque solution from Auma

Auma has extended its actuator product portfolio with the development of the SG.3, a low torque solution for the automation of small open-close, part turn valves. Designed as a lightweight, minimum maintenance product for small valve applications, the new product is set to broaden Auma market penetration across the water, power, petro-chemical and utility sectors. The Auma SG.3 will also extend Auma distribution to heating and ventilation applications.

Produced from lightweight, high-quality aluminium alloy, the SG.3 is supplied with IP 67 enclosure protection as standard and IP 68 as an optional purchase. With electrical connections for motor and control cables made on a 50-pole Auma plug/socket connector, the correct wiring remains undisturbed if the actuator is removed for maintenance.

Other SG.3 design features include manual operation via a handwheel to provide an over-rid-

ing gear arrangement. Additionally, patented ellipto-centric gearing enables a reduction ratio of 80:1 in one stage: this contributes decisively to the exceptional small proportions of the Auma SG.3.



Auma's new SG.3, a low torque solution for the automation of small open-close, part turn valves.

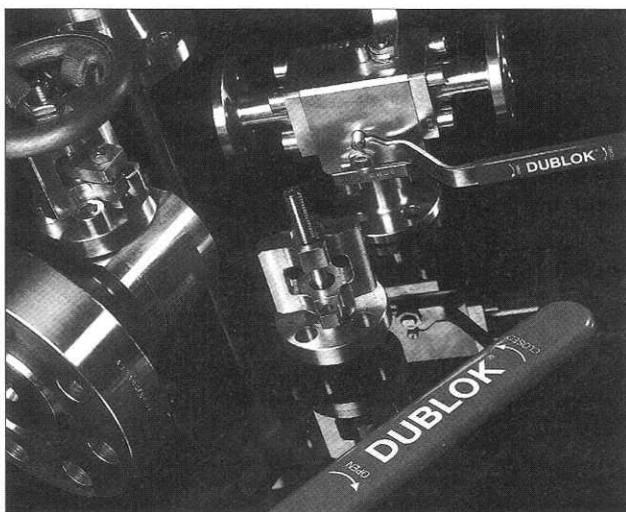
Sabre acquires Dublok valve range

Following the addition of the Dublok range of multi-valve assemblies, Sabre Instrument Valves Ltd now offers a more extended range of instrument valves, manifolds, piping valves and instrumentation protection systems for the international petrochemical and process industries. Established in 1983, Dublok is a specialist in the integration of multiple valves within a single, modular housing, thereby saving space, weight and cost whilst reducing potential leak paths. The current range includes ball, needle, globe, gate and check valves with full or reduced

bore, in single and double block-&-bleed configurations and with a wide variety of connection options. Complementary to the current Sabre portfolio, it enables the group to offer a series of valve solutions for instrumentation and process piping from 1/4" to 8" nominal bore. Dublok valve applications include primary isolation, chemical injection and instrument loop take-off points, together with drain, gauge and sampling points for topside, subsea and onshore facilities.

The acquisition of Dublok by Sabre was formalised last year. All stock, assembly and testing facilities have now been transferred to Sabre Valves' manufacturing headquarters in Altrincham, Cheshire, UK. The company operates design and manufacturing systems accredited to ISO 9001 and also holds accreditation to the environmental standard ISO 14001.

Just some of the Dublok multi-valve assemblies



Low cost testing for leaks

Uson Testra and Sprint leak testers are now available in new high-sensitivity versions with an increased maximum test pressure of 100 bar, said to be the highest so far offered despite being marketed at the lowest cost. Using specially developed absolute pressure transducers and pneumatic systems, the equipment allows the dry air leak testing of, for example, gas valves or hydraulic brake components to extremely high pressures on the shop floor with relative economy.

The test equipment can be hard piped in stainless steel. Special attention is paid to all the safety aspects of using such high pressures. The Sprint ranges feature 512-character displays presenting a large amount of information and allow easy, fast set-up and operation. Up to 99 different component programs can be entered into their permanent memory. Units can be supplied in one, two, three or four channels as standard or customised to suit user needs. Testra testers are similar to the Sprint but offer further enhanced flexibility with features including a PCMCIA card slot for program and data storage, touch-screen and fast predictive test times. The 1100 Model can be used easily in an automated process, being offered with one or two transducers and fully programmable to suit any application including automotive, medical or industrial products.

Expansion cards

Matsushita Electric Works has introduced additional expansion cards to allow the GK series HMI systems to communicate with various networking systems, such as Ethernet or Profibus. The GK-IFC-ET and GK-IFC-EC Ethernet expansion cards are designed for quick and inexpensive communication between the GK Series and other Ethernet based systems. The GK series of Human Machine Interface (HMI) products are flexible units designed to provide engineers with a cost-effective, user-friendly interface between the operator and PLC controlled machine. Several types of expansion cards are available. They can be connected to the HMI via an expansion port.