

RGS[®] NEWS

Manufacturer & Supplier of Pneumatic Equipment

Issue Seven

NEW PRODUCT FOR WESTLOCK CONTROLS

RGS has completed the development of a new solenoid valve in collaboration with Westlock Controls Corporation.

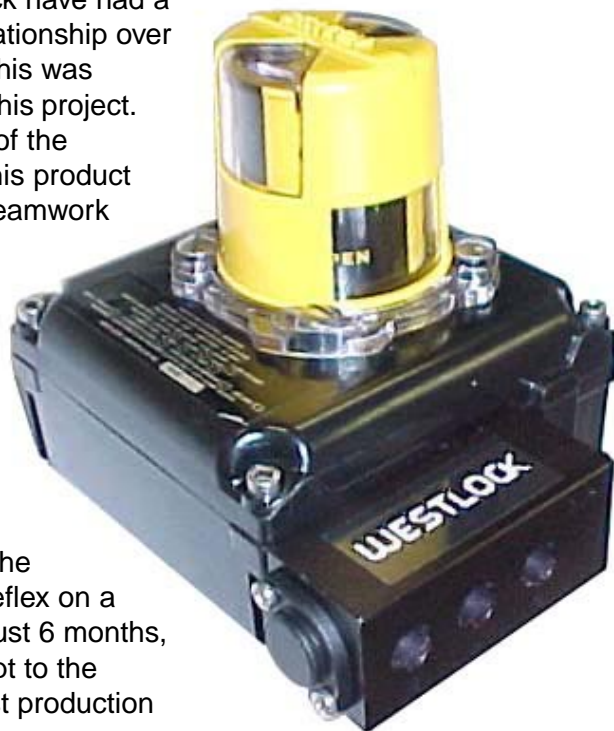
The new solenoid valve, which is a derivative of RGS's extremely successful "Reflex" valve, has been designed specifically to compliment the Westlock Quantum range to produce the 3800 Series.

The new solenoid valve mounts directly into one of the existing conduit entries of the switchbox to leave the solenoid inside the IP67 enclosure and the 5/2, 1/4" ported spool valve securely mounted on the side of the switchbox.

The result is a high quality product for general purpose applications that is extremely

competitively priced.

RGS and Westlock have had a close working relationship over many years and this was certainly true for this project. Notable features of the development of this product were the strong teamwork relationship that existed between RGS and Westlock's Engineers and the speed with which the project was completed. The duration of the Reflex on a Box project was just 6 months, from initial concept to the delivery of the first production batch.



RGS STAFF NEWS

RGS has received the Investors in People Award.

In recognition of the emphasis that RGS has always placed on the training and development of its staff, the company has been awarded the Investor In People marque.



INVESTOR IN PEOPLE

John Watson has retired from RGS after 37 years of service, the last 2 of which were as Managing Director.

During John's long career with RGS he has been responsible for much that has contributed to making RGS what it is today. Such as ensuring that RGS got back on its feet after the factory was burnt down in 1984, and leading the creation of the manufacturing facility of which RGS is justly proud.

All the staff and Directors of

RGS and the Parmeko Group would like to wish John and Jean a long and happy retirement.

The new RGS Management Team is:

M.D.: Jamie Dummer

Sales Dir.: Jim Fielding

Works Manager: Tony Watson

Eng. Manager: Steven Lord

The Management of RGS would like to congratulate Mrs. Roma Astley on completing more than 25 years service with RGS.

RGS PNEUMATIC CYLINDERS :

THE RIGHT PRODUCT, DELIVERY AND TECHNICAL SUPPORT

RGS offers a complete service for the design, manufacture and technical support of a wide range of both standard and non-standard pneumatic cylinders.

RGS can provide prompt delivery on all common ISO and VDMA cylinders, but it is in supply of non-standard cylinders that the RGS service comes into its own. With a wealth of experience in pneumatic product design and application, backed by a flexible and responsive manufacturing facility, RGS can provide exactly what is required, rather than the nearest standard equivalent.

Below are a few examples of products that RGS has supplied to meet a customer's specific requirements:

Case Study 1. Position Cylinders with specific failure action.

For applications such as the control of the vanes on induced and forced draught fans, RGS produces a wide variety of systems ranging up to 12" in bore diameter and strokes of up to 24" in length.

In the last year RGS has

Case Study 2. Modifications to ISO or VDMA Style Cylinders

A wide variety of applications do not justify the expense of a completely bespoke cylinder, but are unable to be easily adapted to use a standard ISO or VDMA unit. This applies to instances such as the maintenance of machinery which was originally supplied with imperial cylinders

Fig.2.



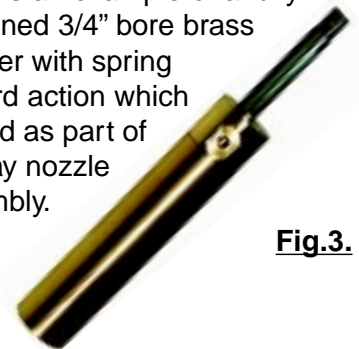
or where a standard metric bore is acceptable but requires a feature such as a non-standard piston rod length or mounting detail.

RGS is able to supply variations to these standard units on short lead-times to meet the specific geometrical, interface or mounting requirements of the application. Fig.2. shows a modification to the piston rod to match the existing location bush in an indexing table to provide a pneumatic locking mechanism.

Case Study 3. Completely Special Cylinders

Where circumstances dictate, however, RGS is able to offer the necessary skills and expertise in order to provide the customer with a completely bespoke cylinder to meet the more demanding circumstances. Fig.3. is an example of a fully machined 3/4" bore brass cylinder with spring forward action which is used as part of a spray nozzle assembly.

Fig.3.



provided units to a number of power station projects in China. These units are provided with a range of failure actions (fail open, fail close or fail freeze) to cope with the loss of air, power or the 4-20mA position signal, depending on the specific requirements of the End User. (See Fig.1).

Fig.1.



-- Stop Press -- Stop Press -- RGS Prices Frozen for 2001

All prices for standard RGS solenoid valves will be held at the current levels for 2001. As well as covering the hazardous area products this price freeze includes all safe area solenoid valve prices, which are **now being held for the second year in succession.**