



Amarinth Ltd.  
Bentwaters Parks  
Rendlesham  
Woodbridge  
Suffolk, IP12 2TW  
United Kingdom

tel: +44(0)1394 462 120  
fax: +44(0)1394 462 130  
enquiries@amarinth.com  
www.amarinth.com

## **Spare Part Installation Instructions**

### **Replacement Seal Housings for Girdlestone 900 Series Pumps**

#### **Product Safety Instructions**

All work must be carried out by authorised and qualified personnel. Before commencing work all personnel should be familiar with the contents of this leaflet, together with the installation, operation and maintenance manual originally supplied with the pump and any relevant arrangement drawings.

Ensure compliance with all relevant site and international safety requirements. Appropriate protective foot, hand, eye and head gear must always be worn. Use other protective equipment to protect against hazardous/toxic fluids.

The design, materials and workmanship used in the construction of Amarith replacement parts ensures they are capable of a long and trouble-free service. All Amarith spare parts are provided with a warranty of 12 months from date of delivery. The life of these pumps is enhanced and extended by correct application, installation, periodic inspection and maintenance.

**Amarinth Ltd will not be liable for physical injury, damage or delays caused by failure to observe the instructions for installation contained in this leaflet.**

#### **Seal Housing Design**

Your existing seal housing may have been supplied as a cast component. Amarith policy is to supply most replacement housings machined from a solid billet. Because of this there may be some slight differences in the form of the replacement parts, but they will fit in the same way as the original parts and perform the same function. Where a small internal stud is fitted, this functions as a vortex breaker, in order to improve the seal face environment.

#### **Seal Seat Pins**

Some DIN seal seat designs require an anti-rotation pin to be fitted in the seal housing, to ensure that the seal operates correctly. It is Amarith policy to provide a pin hole in all standard DIN seal housings, but not to fit the anti-rotation pin unless the exact seal & seat type has been specified when ordering, and it is known that a pin is required. This is to prevent the possibility of a non-pinned seat being damaged by the pin, during fitting. If you require an anti-rotation pin and one has not been supplied, please contact Amarith Ltd as detailed overleaf.

#### **Seal Housings for John Crane Type 515E seals**

Your existing seal housing may have consisted of two separate components, with the seal seat fitted in a bolted end plate. The Amarith replacement parts are of an improved one-piece design, which eliminates the need for the end plate & gasket and improves concentricity. These replacement parts will fit in the same way as the original two-piece housings and perform the same function.

## **Further Information**

The leaflet is issued by Amarith Ltd for the purchaser's use only, and should not be reproduced to a third party without our written consent. Further copies of this leaflet, further information regarding any aspect of the leaflet, or additional spare parts, may be obtained from the Spares department of Amarith Ltd.

Amarith Ltd, Bentwaters Parks, Rendlesham  
Woodbridge, Suffolk IP12 2TW, United Kingdom  
tel: +44 (0) 1394 462 120 fax: +44 (0) 1394 462 130  
e-mail: [enquiries@amarith.com](mailto:enquiries@amarith.com)

Or sign on to our web site, [www.amarith.com](http://www.amarith.com) using your own individual log-on name and on name and password provided by Amarith Ltd.