

ARMSTRONG

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Seal Bearing Assemblies

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The Armstrong Universal Seal Bearing Assembly contains an interchangeable module that includes a pump shaft, sleeve bearing, copper sleeve and donut wicking system (see photo below). With as few as five types of seal bearing assemblies on hand, more than 100 different Armstrong and B&G pump models can be converted to this module program during routine maintenance. Once the conversion is made, future maintenance will normally require replacement of the module only. Since all of the Armstrong seal bearing assemblies listed in the chart below accept the same module, extensive and costly parts inventories are not required.

With its stainless steel face plate, the Armstrong Universal Seal Bearing Assembly can be used to replace seal bearing assemblies in both standard bronze-fitted and all bronze construction systems. It features the well known ARMseal mechanical seal, a proven method of preventing water leakage. Made of long lasting, hard-wearing materials, the Armstrong Universal Seal Bearing Assembly ensures many years of quiet, trouble-free service.

The module is a dependable, oil-lubricated sleeve bearing that features a superior oiling design. The module is factory lubricated to ensure on-going trouble-free operation and to minimize installation time. It has an alloy steel shaft with copper sleeve and positive oil O-ring seals.

Interchangeable Pump Shaft Bearing Module



Features

- Reduce parts inventory up to 70%
- Simple maintenance
- Cut service costs
- Improve circulator lubrication

Materials of Construction

| Pump Shaft Bearing Module | |
|---------------------------|---|
| ARMseal Mechanical Seal | Carbon with stainless steel trim and ceramic seat |
| Face Plate | Stainless Steel |
| Shaft | Alloy steel |
| Shaft Sleeve | Copper |
| Bearing | Copper |

Conversion Chart

| | Pump Model Numbers | | Armstrong Seal Bearing Conversion Assembly* (includes Shaft Module) | Replacement Pump Shaft Bearing Module |
|--|--|--|---|---------------------------------------|
| | Armstrong | Bell & Gossett | | |
| | S-25 3/4 S-25 1 S-25 1 1/4 S-25 1 1/2 | #75 #100 #125 #150 | Universal 810119-001 (with Impeller) Aluminum housing | 816999-041 |
| | S-35 1 H-32 1 H-32 1 1/4 H-32 1 1/2 | — HV 1 HV 1 1/4 HV 1 1/2 | Universal 816549-091 (less Impeller) Aluminum housing | |
| | — | 2 | Universal 816023-001 (less Impeller) Aluminum housing | |
| | S-45 2 1/2 S-45 3 S-46 H-41 | 2 1/2 3 LD 3 HD 1 PR | Universal 816027-002 (less Impeller) Aluminum housing | |
| | S-55 S-57 H-51 H-52 H-53 H-54 | PD-35 PD-37 60-1† or 60-11† 60-2† 60-3† or 60-13† 60-4† or 60-14† | Universal 816032-000 (less Impeller) Cast Iron housing | |

*Conversion assembly NOT required on Armstrong module-designed pump. †Old-style only.

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