



Vulcan Seals Type 90

Alfa Laval®

Technical Data Sheet



Product Description

The Vulcan Seals Type 90 Alfa Laval® is a unique design of 'O'-ring rotary seal with a plate-style 'O'-ring clamped-in-plate stationary, to suit the seal chambers of Alfa Laval® ALC® series centrifugal pumps.

The Vulcan Seals Type 90 Alfa Laval® is intended to replace the OEM "F" seal, for pumps with "D" seals fitted please see the Vulcan Seals Type 19C data sheet.

Why Choose the Vulcan Seals Type 90 Alfa Laval®?

The Vulcan Seals Type 90 Alfa Laval® is a direct replacement design to suit the original equipment, produced to Vulcan Seals' manufacturing standards.

Pump Ranges

The Alfa Laval® pump model includes the following pump ranges: "ALC®" series with OEM "F" seal fitted.

Compliance & Certificates



The Vulcan Seals mechanical seal range can be supplied with material combinations designed to meet the compliance standards and certifications listed above. Additional compliance or regulatory requirements can also be considered upon request. Please enquire to discuss your specific application.

Standard Face Material Combinations

| Elastomers | Rotary Face | Stationary Face | Metals | Complete Material Code |
|------------|-------------|----------------------|---------------------|------------------------|
| EP | VCP1 Carbon | VSR1 Silicon Carbide | 304 Stainless Steel | .E.D. |
| Viton™/FKM | VCP1 Carbon | VSR1 Silicon Carbide | 304 Stainless Steel | .V.D. |

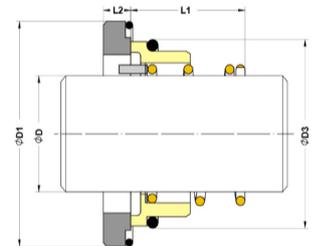
Dimensional Data

| DØ (Metric) | Seal Size Code | D1 (mm) | D3 (mm) | L1 (mm) | L2 (mm) |
|-------------|----------------|---------|---------|---------|---------|
| 53.00 | 0530 | 92.00 | 76.20 | 21.80 | 8.20 |

The rotary free height is ~53.9mm

Dimensions in mm

*Non-stock guarantee



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** All dimensional and identification information shown is given in good faith and is based on extensive experience gained in business. Performance data is not provided for this product range based on the Vulcan Seals design being a replacement of, or an improvement on, a design that has originally proved suitable for the equipment and service concerned.