



Vulcan Seals Type 1680

Alfa Laval®

Technical Data Sheet



Product Description

The Vulcan Seals Type 1680 Alfa Laval® ‘O’-ring mounted wave spring seals are intended to suit the compact seal chambers of Alfa Laval® "LKPL", "NMOG", "SR" and "SRU" series lobe rotor pumps when fitted with hygienic single "Hy-clean®" OEM seals. For pumps with non-flushed standard seal chambers, please see the Vulcan Seals Type 1682 Alfa Laval® datasheet, and for pumps with flushed seal chambers and double seals, please see the Vulcan Seals Type 1694 Alfa Laval® datasheet. The Vulcan Seals Type 1680 Alfa Laval® is intended as a direct alternative to suit the original equipment, allowing installation onto the shaft end without any modification to the equipment.

Why Choose the Vulcan Seals Type 1680 Alfa Laval®?

The Vulcan Seals Type 1680 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: "LKPL", "NMOG", "SR" and "SRU" range models when fitted with "Hy-clean®" single seals. Each pump requires two identical seals, one for each shaft.

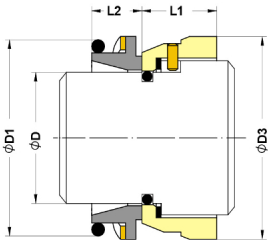
Standard Face Material Combinations

| Elastomers | Rotary Face | Stationary Face | Metals | Complete Seal Code |
|------------|----------------------|----------------------|---------------------|--------------------|
| EPDM | 316 Stainless Steel | VCP1 Carbon | 316 Stainless Steel | .E.P. |
| Viton™/FKM | 316 Stainless Steel | VCP1 Carbon | 316 Stainless Steel | .V.P. |
| EPDM | VSR1 Silicon Carbide | VSR1 Silicon Carbide | 316 Stainless Steel | .E.S. |
| Viton™/FKM | VSR1 Silicon Carbide | VSR1 Silicon Carbide | 316 Stainless Steel | .V.S. |

Dimensional Data

| DØ (Metric) | Seal Size Code | D1 (mm) | D3 (mm) | L1 (mm) | L2 (mm) | OEM Part Number |
|-------------|----------------|---------|---------|---------|---------|-----------------|
| 20.00* | 0200 | 27.50 | 32.00 | 21.50 | 12.70 | SR 1 |
| 30.00 | 0300 | 36.40 | 45.00 | 21.50 | 14.50 | SR 2 |
| 35.00 | 0350 | 46.00 | 55.00 | 22.00 | 14.00 | SR 3 |
| 45.00 | 0450 | 59.40 | 65.00 | 25.00 | 16.00 | SR 4 |
| 55.00 | 0550 | 69.00 | 75.00 | 26.90 | 17.00 | SR 5 |
| 68.00* | 0680 | 81.00 | 90.00 | 36.90 | 20.00 | SR 6 |

Dimensions in mm
*Non-stock guarantee



® ™ All product names, brands and trademarks shown are property of their respective owners, are for identification purposes only, and do not imply affiliation nor endorsement.
** 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.