



# 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.

#### 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.

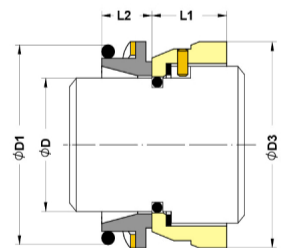
#### Standard Face Material Combinations

Elastomers	Rotary Face	Stationary Face	Metals	Complete Material Code
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



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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.