



# Vulcan Seals Type 1682

## Alfa Laval®

### Technical Data Sheet



#### Product Description

The Vulcan Seals Type 1682 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 standard single "R90" OEM seals.

For pumps with hygienic non-flushed seal chambers, please see the Vulcan Seals Type 1680 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 1682 Alfa Laval® is available with monolithic Carbon or Tungsten carbide stationaries as standard; if a steel stationary with an inserted Carbon face is preferred, please specify Vulcan Seals Type 1682A when ordering.

#### Why Choose the Vulcan Seals Type 1682 Alfa Laval®?

- For "SR" and "SRU" series pumps with flushed seal chambers and double seals, see Vulcan Seals Type 1694.
- For pumps with hygienic style "Hy-clean" single seals fitted, see Vulcan Seals Type 1680 above.

#### Pump Ranges

The Alfa Laval® pump model includes the following pump ranges: "LKPL", "NMOG", "SR" and "SRU" range models when fitted with "R90" 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.

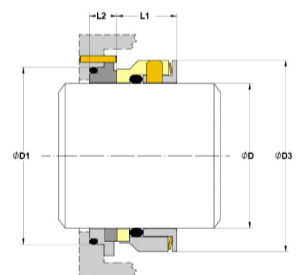
#### Standard Face Material Combinations

Elastomers	Rotary Face	Stationary Face	Metals	Complete Material Code
EPDM	304 Stainless Steel	VCP1 Carbon	304 Stainless Steel	.E.P.
Viton™/FKM	304 Stainless Steel	VCP1 Carbon	304 Stainless Steel	.V.P.
EPDM	VTN2 Tungsten Carbide	VTN1 Tungsten Carbide	304 Stainless Steel	.E.H.
Viton™/FKM	VTN2 Tungsten Carbide	VTN1 Tungsten Carbide	304 Stainless Steel	.V.H.

#### Dimensional Data

DØ (Metric)	Seal Size Code	D1 (mm)	D3 (mm)	L1 (mm)	L2 (mm)	OEM Ref.
20.00	0200	30.00	32.40	20.00	10.50	SR 1
30.00	0300	41.30	44.00	21.40	11.10	SR 2
35.00	0350	46.95	50.80	22.00	12.00	SR 3
45.00	0450	58.26	62.40	22.90	12.60	SR 4
55.00	0550	69.55	76.00	29.30	13.20	SR 5
75.00	0750	92.15	99.20	31.10	14.40	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.