



Vulcan Seals Types 42

Grundfos®

Technical Data Sheet



Product Description

Vulcan Seals Type 42 range 'O'-ring mounted robust multi-spring seals, specifically designed to suit the lower impeller position in Grundfos® "S" series submersible pumps with the later generation style seals installed. The OEM older style seal is a conical single spring seal, please see the Vulcan Seals Type 81 data sheet for more details on the older style.

The Vulcan Seals Type 42 offers the design benefits of the Vulcan Seals Type 40, with a unique monolithic stationary featuring a distinctive anti-rotation slot profile to suit the specific dimension requirements of this pump range.

The Vulcan Seals Type 42 is the lower impeller position seal, please see the Vulcan Seals Type 40S8 data sheet for the upper bearing position seal. The 65mm size of Vulcan Seals Type 42 features an extended barrel with twin 'O'-rings intended to seal into the recess of the pump impeller.

Why Choose the Vulcan Seals Type 42 Grundfos®?

- 'O'-ring mounted multi-spring, balanced seals, specifically designed for Grundfos® "S" series submersible pumps; upper and lower positions.
- Vulcan Seals Type 40S8 is for the upper, oil bath position, and Vulcan Seals Type 42 with the distinctive stationary profile, is for the lower, impeller position.
- Vulcan Seals Type 42 (65mm) lower seal has a distinctive extended barrel with two 'O'-rings to seal inside the impeller recess, as per the original OEM seal.

Pump Ranges

The Grundfos® pump model includes the following pump ranges: "S-Series" submersible pumps with the appropriate shaft size and seal type seals 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.

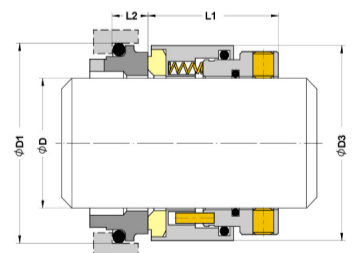
Standard Face Material Combinations

Elastomers	Rotary Face	Stationary Face	Metals	Complete Material Code
Viton™/FKM	VSS1 Silicon Carbide	VSR1 Silicon Carbide	304 Stainless Steel	.V.SS.

Dimensional Data

DØ (Metric)	Seal Size Code	D1 (mm)	D3 (mm)	L1 (mm)	L2 (mm)
32.00	0320	48.00	46.00	34.00	11.00
38.00	0380	55.00	53.00	34.00	11.50
50.00	0500	70.00	65.60	34.50	14.00
65.00	0650	85.00	84.20	66.00	15.00

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.