



Vulcan Seals Type 81
Grundfos®
Technical Data Sheet



Product Description

The Vulcan Type 81 range ‘O’-ring mounted conical spring seals with positive drive, specifically designed to suit Grundfos® “S” series submersible pumps with the older generation style seal installed. The OEM older style seal is a conical single spring seal, with the more recent design being multi-spring, please see the Vulcan Type 41 data sheet.

The Vulcan Type 81 offers the design benefits of the Type 8, with a unique monolithic stationary featuring a distinctive anti-rotation slot profile to suit the specific dimension requirements of this pump range. The original OEM seals have monolithic seal heads which are liable to crack from the drive slot, the more robust design of the Vulcan Type 81 prevents this failure mode.

Why Choose the Vulcan Seals Type 81 Grundfos®?

The Vulcan Seals Type 81 offers the design benefits of the Vulcan Seals Type 8 with the specific fitting dimensions and distinctive stationary design to suit these submersible pumps.

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.

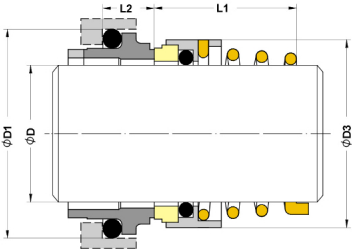
Standard Face Material Combinations

Elastomers	Rotary Face	Stationary Face	Metals	Complete Seal Code
Viton™/FKM	VSR1 Silicon Carbide	VSR1 Silicon Carbide	304 Stainless Steel	.V.S.
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)
25.00	0250	38.00	36.00	26.50	10.00
32.00	0320	48.00	46.00	28.50	11.00
38.00	0380	55.00	53.00	33.50	11.50

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.