



# Vulcan Seals Type 1640

Wilo®

## Technical Data Sheet



### Product Description

The Vulcan Seals Type 1640 Wilo® is a direct replacement for the older generation of "Enclosed Block" or "EBS" push-fit seals fitted to Wilo® EMU® submersible pumps. The largest 75mm size is still current for all generations with this shaft size.

More recent pumps have an interchangeable seal featuring a revised internal layout, please see the Vulcan Seals Type 1642 data sheet for details.

The Vulcan Seals Type 1640 Wilo® is available as a complete mechanical seal assembly with the steel housing in place or as a repair kit without the non-wearing metal parts.

The kits comprise both stationary faces, with 'O'-rings, central rotary face with elastomeric diaphragm, anti-rotation pins and springs for both stationaries, and retaining pins for the collets.

### Why Choose the Vulcan Seals Type 1640 Wilo®?

The Vulcan Seals Type 1640 Wilo® is a direct replacement for the older generation "EBS" OEM seals. Newer pumps have a slightly modified seal installed, which is directly replaced by the Vulcan Seals Type 1642.

### Pump Ranges

The Wilo® pump model includes the following pump ranges: "FA", "FK", "FKT" and "HC" series submersible pumps fitted with EBS® style push-fit seals.

### 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.

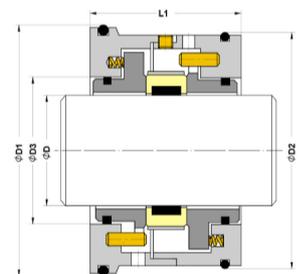
### Standard Face Material Combinations

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

### Dimensional Data

DØ (Metric)	Seal Size Code	D1 (mm)	D2 (mm)	D3 (mm)	L1 (mm)
35.00	0350	72.00	72.00	47.00	47.50
50.00	0500	92.00	90.00	63.00	63.00
75.00	0750	130.00	128.00	95.50	75.00

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.