



Vulcan Seals Type 1662

GEA® Hilge®

Technical Data Sheet



Product Description

Vulcan Seals produces and stocks multi-spring seals to replace the original OEM wave spring seals, utilised for hygienic applications in GEA® Hilge® centrifugal pumps.

The common centrifugal series includes; Hygiana®, Euro Hygia®, Maxana®, Dura®, Sipla®, Contra® and Durietta®. However, the seal codes are universal and you may identify your seal from the codes below. Conversion to the direct replacement Vulcan Seals balanced multiple spring design avoids the potential for premature single wave spring failure."

Why Choose the Vulcan Seals Type 1662 GEA® Hilge®?

- The **Vulcan Seals Type 1662 GEA® Hilge®** are hygienic multi-spring 'O'-ring mounted seals with positive drive taken from being clamped by the impeller against the shaft step during pump assembly.
- Available are a range of dimensions to suit variations in the seal chamber dimensions of these pumps, and available with FDA-specified materials according to part code.

Pump Ranges

The GEA® Hilge® pump model includes the following pump ranges: GEA® Hilge® Pumps with hygienic seals fitted.

Compliance & Certificates



Also available with built materials that adhere to the above compliance standards and certificates. Please enquire about your requirements.

Standard Face Material Combinations

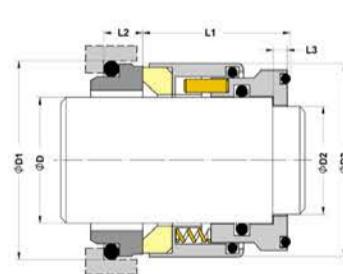
Elastomers		Rotary Face				Stationary Face				Metals		Complete Seal Code	
EP		VCD1 Carbon				VSS1 Silicon Carbide				316 Stainless Steel		.E.DR.	
Viton™/FKM		VCD1 Carbon				VSS1 Silicon Carbide				316 Stainless Steel		.V.DR.	
EP		VSS1 Silicon Carbide				VSS1 Silicon Carbide				316 Stainless Steel		.E.R.	
Viton™/FKM		VSS1 Silicon Carbide				VSS1 Silicon Carbide				316 Stainless Steel		.V.R.	

Dimensional Data

DØ (Metric)	Seal Size Code	Type Code	D1 (mm)	D2 (mm)	D3 (mm)	L1 (mm)	L2 (mm)	L3 (mm)	OEM Ref.	Elastor	Rotary Face	Station Face	Metals
19.00	0190	1662	30.90	16.00	33.50	29.00	8.00	4.00	001-19 O1	EP & Viton™/ FKM	VCD1 or VSS1	VSS1	316 SS
19.00	0190	1662L	30.90	16.00	33.50	29.00	8.00	4.00	001-19 A1	EP & Viton™/ FKM	VCD1 or VSS1	VSS1	316 SS
28.00	0280	1662	43.30	24.00	43.00	34.50	9.00	4.00	001-28 O1	EP & Viton™/ FKM	VCD1 or VSS1	VSS1	316 SS
28.00	0280	1662L	43.30	24.00	43.00	33.00	9.00	4.00	001-28 A1	EP & Viton™/ FKM	VCD1 or VSS1	VSS1	316 SS
38.00*	0380	1662	60.50	35.00	52.80	43.00	11.50	4.00	001-38 O1	EP & Viton™/ FKM	VCD1 or VSS1	VSS1	316 SS

Dimensions in mm

*Non-stock guarantee



*™ All product names, brands and trademarks shown are property of their respective owners, are for identification purposes only, and do not imply affiliation nor endorsement.

** 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.

Embrace Excellence - Service | Quality | Value | Integrity

Mechanical Seals | FEP/PFA Encapsulated 'O'-rings | Gland Packing | Expanded PTFE Gasketing
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