



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



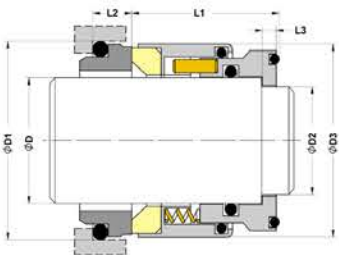
Also available with built materials that adhere to the above compliance standards and certificates. Please enquire about your requirements.

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. | Elastomer | Rotary Face | Stationary 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

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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.