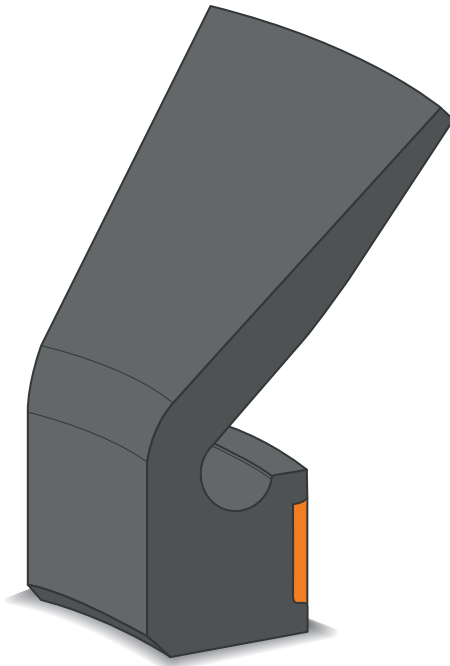




ROTARY SHAFT OIL SEALS AND CUSTOM MADE ARTICLES IN ELASTOMER AND RUBBER-TO-METAL

Rev. 02 30-03-2017

V-RINGS



- Endless all-rubber face seal produced up to 2.100 mm in one single piece and joint-vulcanized for larger diameters. It works as a front seal and it is the perfect solution to prevent contamination from dirt, dust, or water. It can be used as a secondary seal to protect the primary seals.
- The V-Ring is a seal of easy use and assembly since it is self-retaining on the shaft and does not need a special finishing grade and tolerance. The contact area can have a roughness from Ra 0.5 to Ra 1.6 according to the speed, and the fluids to be sealed.
- It can be used without a metal band for peripheral speed up to 10/12 m/sec.
- Fastening metal band available upon request.

Applications

Any type of industry

Dimensions: Minimum I.D. 3,2 mm; Maximum O.D. 2.100 mm in one single piece; over 2.100 mm by hot-vulcanizing jointing technique

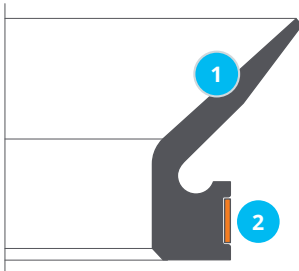
Working speed: Rotating V-Ring: 12 m/s - Stationary V-Ring: 20 m/s

Pressure: No pressure

Operating temperature range: - 60°C / + 220°C

Remarks: All working parameters vary, considering the different type of materials and elastomer used.

VRME



Technical features

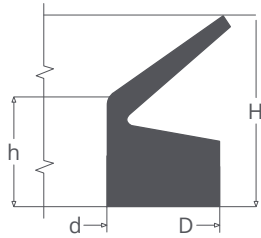
- 1 Rubber body
- 2 Fastening metal band (on request for the types VRME, VA and VAX)

Materials

- 1 Elastomer:
NBR; HNBR; FKM; EPDM; CR; VMQ
- 2 Fastening metal band:
301 stainless steel

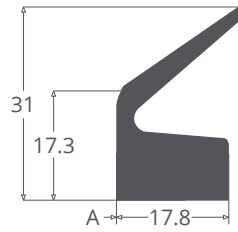
For further information on all our seals, please check our web page or contact our offices.

V-RINGS TYPES



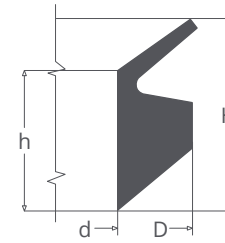
VA

V-Ring with standard cross section proportional to the diameter of the shaft. On demand, fastening metal band with clips.



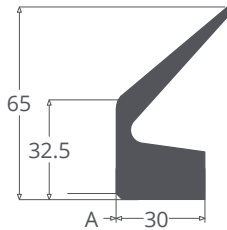
VAX

V-Ring with longer lip and Cross section with fixed dimensions. Suggested for heavy duty applications. On demand, fastening metal band with clips.



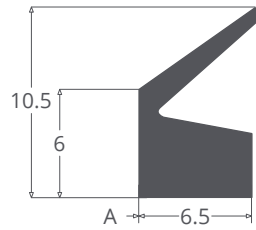
VS

V-Ring with a wider cross section for a better hold, and with proportional dimensions to the diameter of the shaft.



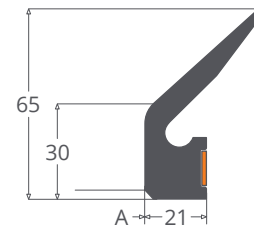
VE

V-Ring with special lip profile for higher elasticity. Cross section with fixed dimensions.



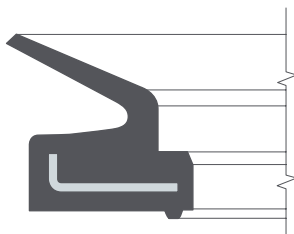
VL

V-Ring with narrow axial cross section suitable for compact arrangements. Cross section with fixed dimensions.



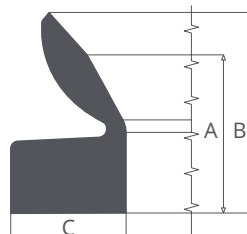
VRME

V-Ring with a built-in housing for a fastening metal band. Cross section with fixed dimensions.



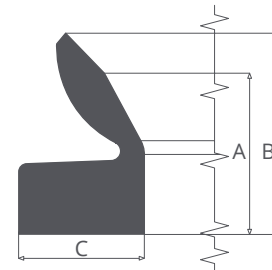
VAM

V-Ring with a reinforcing metal insert at the bottom. Suggested for applications in the primary metals industry. Cross section with fixed sizes.



VEAX

Special version of the VAX type with a stronger and defined sealing lip, with higher mechanical properties.



VEA

Special version of the VA type with a stronger and defined sealing lip, with higher mechanical properties.