OCELL RINGS

OC-VR-01 · MECHANICAL SEALS

V-RING

Axial shaft sealing, no tools needed



KEY FIGURES	Axial, on the shaft	Fitted without tools	Shaft Ø up to 2,020 mm

OVERVIEW

DEFINITION

A V-ring is a rubber gasket, consisting of a single lip, that is mounted by tension on a shaft where it provides axial sealing.

Thanks to its specific characteristics, the V-ring can absorb significant shaft misalignment, oval shapes and run-out. It needs no tools to fit and deforms easily, so it can be slipped over flanges and other obstacles.



BEARING HOUSING WITH V-RING

SPECIFICATIONS

SUMMARY

Sealing type	Axial, on shaft
Temperature — NBR	-40 °C to +100 °C
Temperature — FPM	Up to +200 °C
Shaft Ø — VA	9.5 mm to 2,020 mm
Shaft Ø — VS	9.5 mm to 210 mm
Shaft Ø — VL	135 mm to 410 mm
Shaft Ø — VA large	450 mm to 2,010 mm
Mounting	Tool-free, by tension

PROFILES AND VARIANTS

TYPES

Type VA — Standard version for universal applications. Its dimensional range covers shaft diameters from 9.5 mm to 2,020 mm.

Type VS — Same design as type VA, but the body of the seal is more robust. Its dimensional range covers shaft diameters from 9.5 mm to 210 mm.

Type VL — Reduced-profile type for small housings. Its dimensional range covers shaft diameters from 135 mm to 410 mm.

VA large diameters — Designed for large shaft diameters, from 450 mm to 2,010 mm.

MATERIALS

MATERIAL

NBR (standard) · FPM

ENQUIRY

SERVICE

- Technical advice on material, size and housing.
- Quotation within 24 hours.
- A reference, drawing or photo of the worn part is enough.

APPLICATIONS

- **Ejector seal**
  any liquid or solid particle is expelled from the sealing area by the kinematic action of the seal
- **Bearing protector**
  mounted on the outer bearing shell, it seals it against dust and dirt
- **Labyrinth seal**
  thanks to its reduced section, type VL suits the labyrinths of bearing seats and rolling bearings
- **Sealing ring**
  to be fitted on the oil reservoir side, with a support provided on the opposite side of the lip
- **Secondary seal**
  prevents abrasive particles entering the assembly of conventional sealing rings and stuffing boxes

INDUSTRIES SERVED

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