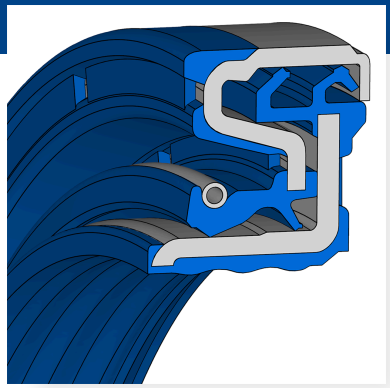

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Cassette seal Simmerring® CASS T3

DESCRIPTION

- Combination of Simmerring and rubber liner
- With tension spring
- Half-shoulder outer jacket (rubber-metal)
- Radial protective lips on the race (labyrinth seal)

FUNCTION

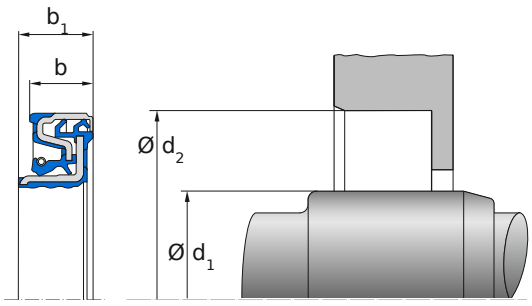
- Dynamic sealing of rotating shafts, independent of direction of rotation
- Good static seal between sealing lip and shaft at standstill
- Self-retaining
- Protective lip on Simmerring and radial protective lips on raceway against dirt accumulation from outside, can lead to temperature increase due to higher friction
- Partially rubberized outer diameter ensures tight fit and seal between outer jacket and housing bore

PRODUCT ADVANTAGES

- Very good static sealing effect with low-viscosity or gaseous media.
- Market-leading, proprietary design with the widest range of applications in all industries and for a variety of requirements
- Suitable for heavy external dirt loading
- Longest service life
- Highest quality, durability and safety
- Compensation of thermal expansion, e.g. in light metal housings, very good sealing effect with greater roughness and split housings
- Best results in total cost of ownership
- Suitable for overlapping rotary and translatory movements
- Captive race

CONFORMITY AND CERTIFICATES

- Please consult the material data sheet valid for the respective material for current information on approvals and certificates, as this information depends on the compound and cannot be listed exhaustively here.



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SEALING TECHNOLOGIES

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Cassette seal Simmerring® CASS T3

DESIGN GUIDELINE

- Please follow the QR code or hyperlink to the technical manual to obtain further information and instructions.

STORAGE ADVISE

- Storage temperature <25°C
- No direct heat sources
- No direct sunlight
- No condensation in the storage room
- No exposure to ozone or ionizing radiation
- Recommendations based on the revision of ISO 2230 dated 16.09.1992

Pressure [MPa]

75 NBR 106200
0.05

Temperature [°C]

75 NBR 106200
80

Sliding speed [m/s]

75 NBR 106200
4

The values given are based on a limited number of tests on standard test specimens (2 mm sample plates) from laboratory production. The data determined from finished parts may deviate from the above values depending on the manufacturing process and the part geometry.

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