



Combined radial shaft seals Simmerring® COMBI F8

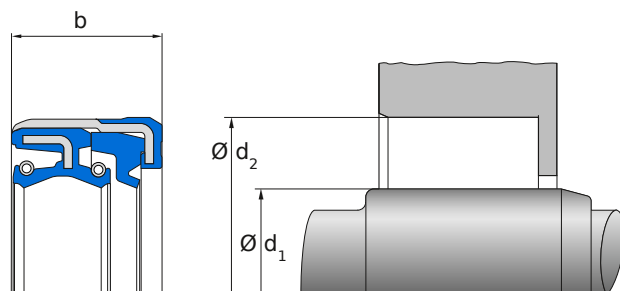


DESCRIPTION

- Combination of Simmerring and additional PU element in one housing
- With tension spring
- With protective lip
- Half-shoulder outer jacket (rubber-metal)

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 additional PU element against dirt accumulation from outside, can lead to temperature increase due to stronger 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

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.

DESIGN GUIDELINE

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





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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

Sliding speed [m/s]

75 NBR 106200

4

Temperature [°C]

75 NBR 106200

80

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.

The information provided herein is based on laboratory tests and on data sources deemed reliable. It constitutes general, non-binding guideline values and does not represent any guarantee of specific properties or suitability for a particular purpose. The suitability of a product for a specific application depends on the actual operating conditions and a variety of factors. Full testing and performance evaluation of the final product are the responsibility of the user. Freudenberg FST GmbH | www.fst.com