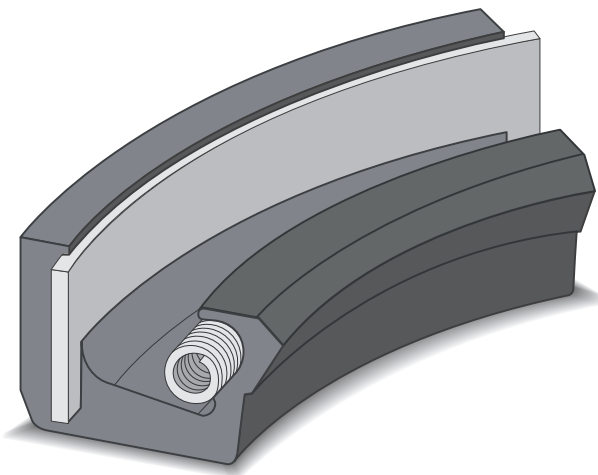




ROTARY SHAFT OIL SEALS AND CUSTOM MADE ARTICLES IN ELASTOMER AND RUBBER-TO-METAL

Rev. 02 30-03-2017

OIL SEALS TYPE TGF



- Self-retaining all-rubber oil seal with a vulcanized flexible metal band to be mounted without clamping plate.
- Available also in “split” (open) form. Mainly used for maintenance in applications without any pressure. In this case the clamping plate is recommended.
- Garter spring available also encapsulated in resin or other materials for protection from chemical aggressions and dirt.

Applications

Primary metals industry, Wind mill industry, Marine industry, Power generation and supply, General Industry

Dimensions: Minimum I.D. 200 mm; Maximum O.D. 2.000 mm

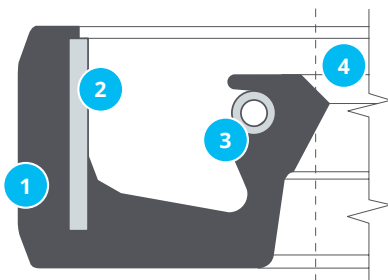
Working speed: up to 25 m/s

Pressure: 0 BAR “split” - 0.5 BAR “endless”

Operating temperature range: - 40°C / + 220°C

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

TGF



Technical features

- 1 Rubber body
- 2 Flexible metal band
- 3 Garter spring
- 4 Sealing edge made through cutting process

Materials

- 1 Elastomer: **NBR; FKM; HNBR**
- 2 Metal band: **Fe C67 tempered**
- 3 Garter spring: **AISI 302; AISI 316**

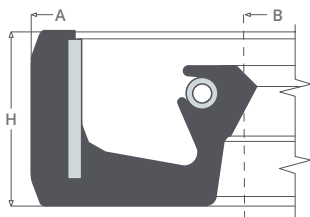
For further information on all our seals, please check our web page or contact our offices.

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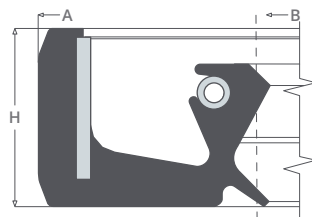
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TGF TYPES



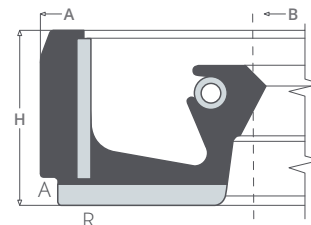
TGF

Profile with flexible metal band which enables the assembly without clamping plate.



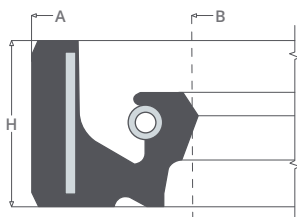
TGFP

Variation of the TGF type, with additional dust lip.



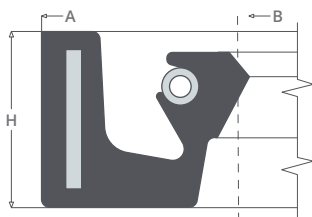
TGF-B

Profile with flexible metal band, with axial (A) and radial (R) lubrication grooves.



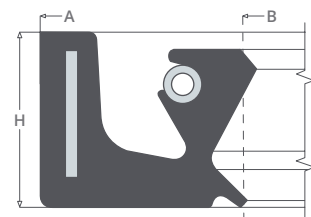
TGF-BP

Special profile of the sealing lip made to withstand high pressures up to 4 BAR. Available only in "endless" (closed) form.



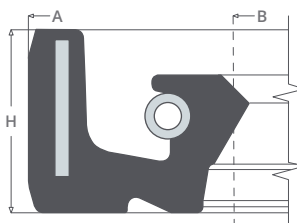
TGFW

Self-retaining seal with flexible metal band completely covered with rubber.



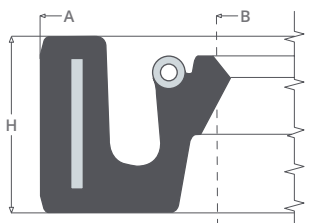
TGFWP

Variation of the TGFW type, with additional dust lip.



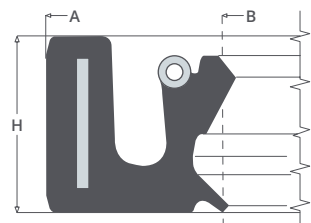
TGFW-BP

Profile with flexible metal band completely covered with rubber, for high pressures up to 4 BAR. Available only in "endless" (closed) form.



TGFW-MTV

Special upgrade of the design TGFW with the garter spring completely vulcanized into the sealing lip.



TGFWP-MTV

Variation of the TGFW-MTV type, with additional dust lip.