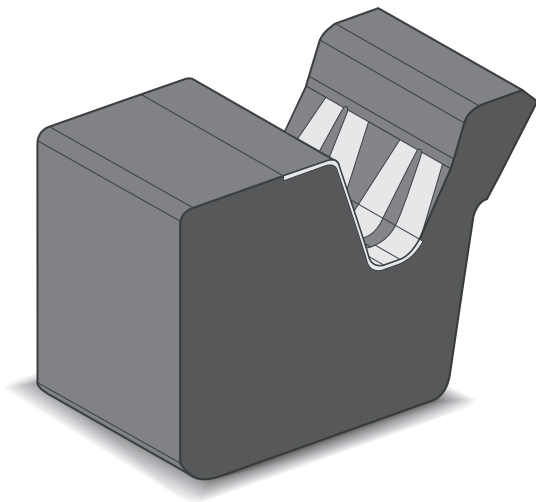




ROTARY SHAFT OIL SEALS AND CUSTOM MADE ARTICLES IN ELASTOMER AND RUBBER-TO-METAL

Rev. 00 06-10-2016

OIL SEALS TYPE GM



- All-rubber oil seal with a vulcanized stainless steel finger spring.
- Recommended for difficult assembly conditions and on-site seal replacements which avoid opening the cylinder. It is mostly used in its "split" (open) shape and supplied with the requested length.
- In its "endless" (closed) shape, the GM type is suitable as a wiper for hydraulic applications.
- Preferably used in applications with grease lubrication and in dusty environments.
- The smallest feasible diameter is 100 mm. For smaller sizes contact our offices.

Applications

Mining industry, Heavy-Duty industry, General industry

Dimensions: Minimum I.D. 100 mm; Maximum O.D. 2.000 mm in one single piece; larger than 2.000 mm by hot-vulcanizing jointing technique

Working speed: up to 25 m/s

Misalignment: up to 0,2 mm

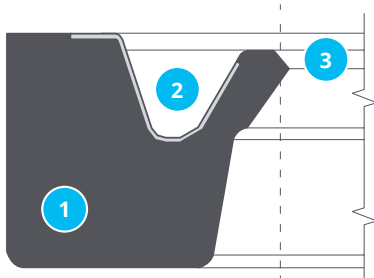
Shaft's hardness: 40 HRC

Surface finishing: Ra = 0,3 - 0,5

Pressure: 0 BAR ("split") - 0.2 BAR ("endless")

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

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



Technical features

- 1 Rubber body
- 2 Vulcanized finger spring
- 3 Sealing edge made by cutting process.

Materials

- 1 Elastomer:
NBR; FKM; VMQ; HNBR; EPDM
- 2 Finger spring:
AISI 301

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

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