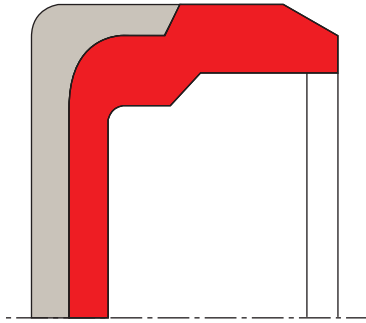


SEAL SPEC R119



operating parameter & material

| sealing element ¹ | metal insert ² | temperature | max pressure |
|------------------------------|---------------------------------|--------------------|--------------|
| NBR (70 shore A) | unalloyed steel DIN EN 10139 | -40 °C ... +100 °C | 0,5 bar |
| NBR (75 shore A) | (DIN 1624) | -40 °C ... +100 °C | 0,5 bar |

¹ special grades and other materials (ACM, EACM, EPDM, HNBR, VMQ) on request

² metal insert, and spring as well, can be supplied in different materials on request.

the stated operation conditions represent general indications. it is recommended not to use all maximum values simultaneously. surface speed limits apply only to the presence of adequate lubrication film.

tolerance recommendation

| seal housing tolerance | |
|------------------------|----|
| ØD | H8 |

description

R119 (special design, rubber/steel outside): sealing cover with vulcanised metal inserts made of sheet steel with metal seat (H8). sealing covers are components to be fitted in the housing bores where no input/output shaft is located. moreover they are used to plug and seal service bores.

category of profile

molded/standard/trade product only.

area of application

- transmission systems (e.g. gearboxes)
- machine tool

advantages

- good static sealing and stiffness (no pop-out effect)
- compensation of different thermal expansion
- no risk of fretting corrosion
- effective protection against air side contaminants
- higher bore surface roughness is allowed
- mounting in split-housings
- good heat transfer

seal & housing recommendations

please note that we are able to produce those profiles to your specific need or any non standard housing. for detail measurements, please see seal-mart catalog...

