

HBrinker Mechanical Seal

Grundfos seals Mechanical Seal HBGRK



Mechanical Seal HBGRK

Operating range

- Temperature: -40 to +200 c
- Pressure: ≤ 1.6 mpa
- Speed: ≤ 15 m/s
- Stationary and rotating face: SiC/SiC
- Material of metal part: AISI304
- Application: CDLF, Grundfos, CNS
- Rubber type: EPDM
- Shaft diameter: 12-22
- Width of transport packing: 8cm
- Length of transport packing: 8cm
- Height of transport packing: 10cm



The material can be changed based on the type of order

Material

- Stationary and rotating face: SiC/SiC
- Material of metal part: AISI304
- Rubber type: EPDM

Seal HBGRK

Unbalanced O-ring seal with rigid torque transmission system

Robust O-ring seal featuring a rigid torque transmission design required for hard material pairings (WC/WC or SiC/SiC), even where lubrication is poor.

The dynamic secondary seal is an O-ring. This involves a risk of wear on the shaft under the O-ring and of seal hang-up (blocking of axial movement of the rotating seal ring).

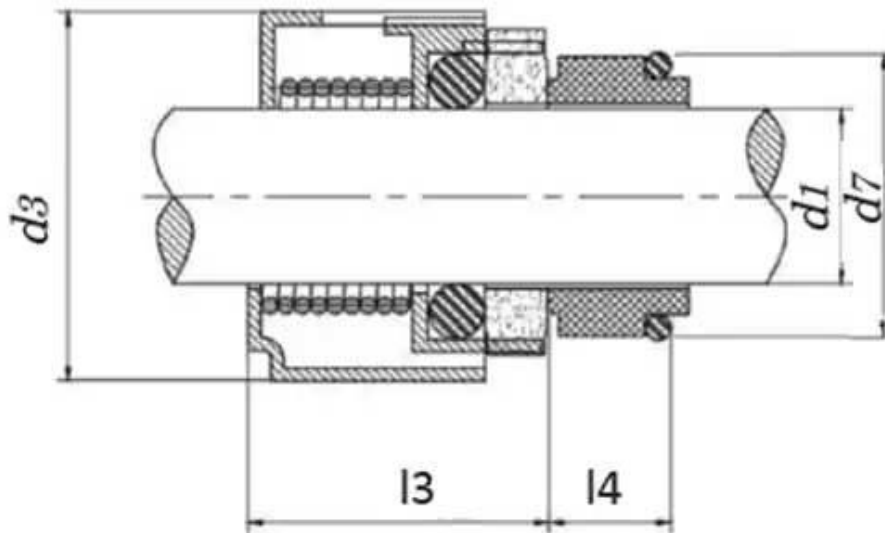
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Dimension



| d1 | d3 | d7 | L3 | L4 |
|----|-----|----|------|------|
| H6 | Max | h8 | 0.5 | |
| 12 | 29 | 23 | 40 | 7.5 |
| 16 | 34 | 27 | 38.6 | 11.5 |
| 22 | 43 | 37 | 37 | 16 |