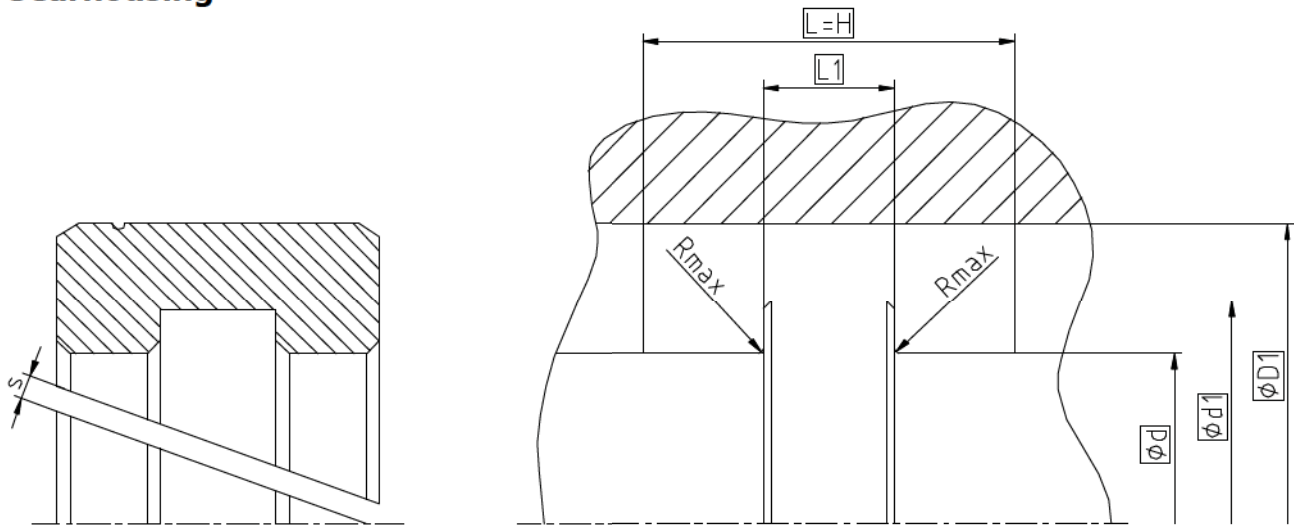


Seal housing



Sealing material	PU/Elastomers		PTFE	
	Rtmax	Ra	Rtmax	Ra
Sliding Surface	≤ 2,5 μm	0,1...0,5 μm	≤ 2 μm	0,05...0,3 μm
Bottom of groove	≤ 6,3 μm	≤ 1,6 μm	≤ 6,3 μm	≤ 1,6 μm
Groove face	≤ 15 μm	≤ 3 μm	≤ 15 μm	≤ 3 μm

Ordering dimensions...□

Bearing area: 50...95% and a cutting depth of 0,5xRz based on Cref = 0%

Standard dimensions

minimum nominal inside diameter $\varnothing d \geq 22\text{mm}$

Depending on the application, the geometry of the guide element should be adapted to the type of application (please refer to the profile description - Seal housing). Because uncut versions would be pointless for assembly reasons, rotating applications should to be avoided. Standard version with cutting gap $s > 0$ do not allow a supporting function. For a supporting function a cutting gap of $s=0$ and a spiral groove is provided. cutting gap s : values depend on material and temperature. For detailed information please refer to the profile description.

Operating parameters

Guiding material	Temperature	max. speed	Specific load ²
SKF ECOFLON 2	-200 °C...+200 °C	4 m/s	3,0 N/mm ²
SKF ECOFLON 3	-200 °C...+200 °C	5 m/s	4,5 N/mm ²
SKF ECOFLON 60% Bz.	-200 °C...+200 °C	5 m/s	7,5 N/mm ²
SKF ECOTAL	-50 °C...+100 °C	4 m/s	25 N/mm²
SKF ECOMID ¹	-40 °C...+100 °C	4 m/s	25 N/mm ²
SKF ECOTEX	-40 °C...+130 °C	4 m/s	90 N/mm ²

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.

¹ ≤ Ø260mm: SKF ECOTAL ; > Ø260mm: SKF ECOMID

² Depending on temperature and allowed compression. Detailed information see profile description.

Ordering example

F07, D=100mm, d=91mm, d1=96,5mm, L=15mm, L1=5mm, SKF ECOTAL

Guide Ring F07
Profile

100 x 91/96,5 x 15/5
D x d/d1 x L/L1

SKF ECOTAL
Guiding material