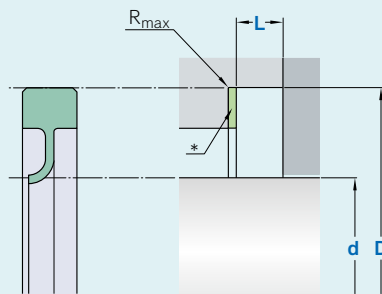


R11-F



Ordering dimensions in **blue**

* Optional elastomer ring to improve static sealing and to avoid rotation of the seal

| Surface roughness | R_{tmax} | R_a |
|-------------------------|------------|------------|
| | μm | |
| Sliding surface | ≤ 2 | 0,05–0,2 |
| Bottom of groove | $\leq 6,3$ | $\leq 1,6$ |
| Groove face | ≤ 15 | ≤ 3 |

Bearing area: 50–95% and a cutting depth of $0,5 R_z$ based on $C_{ref} = 0\%$

Hardness: Min 45 HRC (55 HRC recommended), hardened depth $> 0,3$ mm.

Standard dimensions

| d | D | L_{min} | R_{max} |
|-----------|-------|-----------|-----------|
| f8 | H10 | | |
| over | incl. | | |
| mm | | | |
| 50 | 100 | $d + 20$ | 4 |
| 100 | 150 | $d + 25$ | 5 |
| 150 | | $d + 30$ | 6 |

Ordering example

Profile
 $d \times D \times L$ [mm]
 Sealing material

Rotary seal R11-F
 100 x 120 x 4
 SKF Ecoflon 4

Operating parameters

| Material Seal | Temperature | | Speed ¹⁾ | Pressure |
|------------------|-------------|------|---------------------|-----------|
| | from | to | max | max |
| | °C | | m/s | bar (MPa) |
| ■ SKF Ecoflon 2 | -200 | +260 | 20 | 5 (0,5) |
| ■ SKF Ecoflon 3 | -200 | +260 | 20 | 5 (0,5) |
| ■ SKF Ecoflon 4 | -200 | +260 | 20 | 5 (0,5) |

IMPORTANT NOTE: The stated operating conditions represent general indications. It is recommended not to use all maximum values simultaneously.

¹⁾ Surface speed limit values are valid only in the presence of a lubrication film.