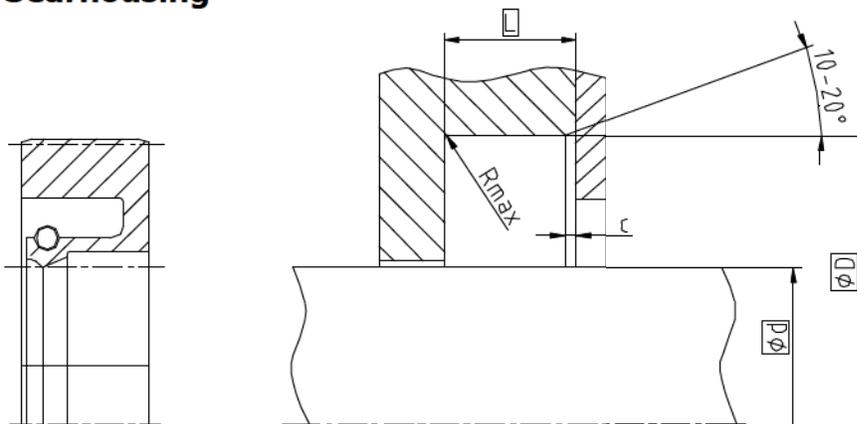


**Seal housing**



Surface roughness	Rtmax	Ra
Sliding Surface	≤ 2,5 µm	0,1...0,5 µm
Bottom of groove	≤ 6,3 µm	≤ 1,6 µm
Groove face	≤ 15 µm	≤ 3 µm

Ordering dimensions... □

**Hardness:** min. 45 HRC (55 HRC recommended),  
Hardened depth > 0,3mm

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

**Standard dimensions**

Ød <sup>1</sup> h11		Ød <sup>2</sup> h11		ØD H8	L -0,2	c	Rmax
Rotating application		Pivoting application					
≥ 5 ... ≤ 70	≥ 5 ... ≤ 35	d + 20	8	1,5	0,4		
> 70 ... ≤ 120	> 35 ... ≤ 60	d + 20	10	1,5			
> 120 ... ≤ 240	> 60 ... ≤ 120	d + 30	12	1,8	0,8		
> 240 ... ≤ 1120	> 120 ... ≤ 560	d + 40	15	3			
> 1120 ... ≤ 1600	> 560 ... ≤ 800	d + 50	20	3,3			
> 1600	> 800 ... ≤ 2220	d + 60	25	3,3			

**Operating parameters**

Sealing material	Spring	Temperature	max. speed <sup>1</sup>	max. pressure
<b>ECOPUR®</b>	<b>1.4310</b>	<b>-30 °C...+110 °C</b>	<b>5 m/s</b>	-
H-ECOPUR™		-20 °C...+110 °C		
S-ECOPUR™		-20 °C...+110 °C		
T-ECOPUR™		-50 °C...+110 °C		
G-ECOPUR™		-30 °C...+110 °C		
SKF ECORUBBER-1	<b>1.4310</b>	-30 °C...+100 °C	10 m/s	
SKF ECORUBBER-2		-20 °C...+200 °C	15 m/s	
SKF ECORUBBER-3		-50 °C...+150 °C	10 m/s	
SKF ECORUBBER-H		-25 °C...+150 °C		
SKF ECOFLAS		-10 °C...+200 °C		
SKF ECOSIL		-60 °C...+200 °C	5 m/s	

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.

<sup>1</sup> Depending on shaft diameter

**Ordering example**

R01-AS, d=100mm, D=120mm, L=10mm, ECOPUR® / 1.4310

**Rotary Seal R01-AS**  
Profile

**100 x 120 x 10**  
d x D x L

**ECOPUR® / 1.4310**  
Sealing material / Spring