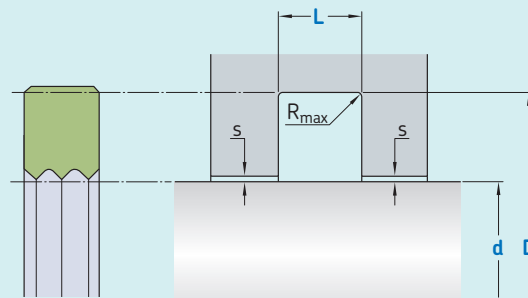


# R04-A



Ordering dimensions in **blue**

Surface roughness	$R_{tmax}$	$R_a$
	$\mu m$	
<b>Sliding surface</b>	$\leq 2,5$	0,1–0,5
<b>Bottom of groove</b>	$\leq 6,3$	$\leq 1,6$
<b>Groove face</b>	$\leq 15$	$\leq 3$

Hardness: Min 45 HRC (55 HRC recommended), hardened depth > 0,3 mm.  
 Bearing area: 50–95% and a cutting depth of 0,5  $R_z$  based on  $C_{ref} = 0\%$

### Standard dimensions

$d^*$		$D$ H9	$L$ + 0,2	$R_{max}$	$s$
over	incl.				
mm					
<b>5</b>	<b>22</b>	$d + 8$	4,5	0,2	e8/H9
<b>22</b>	<b>36</b>	$d + 10$	5,6	0,2	e8/H9
<b>36</b>	<b>56</b>	$d + 12$	5,6	0,2	e8/H9
<b>56</b>	<b>85</b>	$d + 15$	7,7	0,2	f7/H7
<b>85</b>	<b>140</b>	$d + 20$	9,2	0,2	f7/H7
<b>140</b>	<b>200</b>	$d + 25$	11,3	0,2	f7/H7
<b>200</b>	<b>300</b>	$d + 30$	13,5	0,2	f7/H7
<b>300</b>		$d + 40$	18,5	0,2	f7/H7

\* Tolerance area shaft  $\leq 56$  mm  $\rightarrow$  e8, > 56 mm  $\rightarrow$  f7

### Ordering example

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

Rotary seal R04-A  
**100 x 120 x 13**  
 ECOPUR

## Operating parameters

Material Seal	Temperature		Speed <sup>1)</sup>	Pressure <sup>2)</sup>
	from	to	max	max
	°C		m/s	bar (MPa)
■ ECOPUR	-30	+110	0,2	160 (16)
■ H-ECOPUR	-20	+110	0,2	160 (16)
■ S-ECOPUR	-20	+110	0,2	160 (16)
■ T-ECOPUR	-50	+110	0,2	160 (16)
■ SKF Ecorubber-1	-30	+100	0,2	100 (10)
■ SKF Ecorubber-H	-25	+150	0,2	100 (10)
■ SKF Ecorubber-2	-20	+200	0,2	100 (10)
■ SKF Ecorubber-3	-50	+150	0,2	100 (10)
■ SKF Ecoflas	-10	+200	0,2	100 (10)

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

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

<sup>2)</sup> Pressure ratings depend on the size of the extrusion gap.